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# **User's Manual for National Obstetrics Registry (NOR) Web Application**

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Tel: 603-40443060  
Fax: 603-40443080  
E-mail: [nor@acrm.org.my](mailto:nor@acrm.org.my)  
Website: [www.acrm.org.my](http://www.acrm.org.my)

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## 1 NOR WEB APPLICATION MODULES

### 1.1 Online data access and Remote data capture

Each SDP is given right to access its own data and is able to enter data remotely at its site via the NOR Web Application.

### 1.2 Real time report

Reports are generated on a real time basis based on data entered via the online data access and Remote data capture module.

### 1.3 Data Standard

These documents contain definition of all variables collected in all the NOR registries

### 1.4 Maintenance

This module allows user to change their password. Users are responsible to change their passwords every time they expire.

### 1.5 Access Control

Only authorized users can gain access to a system. Depending on the role of user, different users have different access rights to the application, i.e. some may view data only but not edit data, some may view and edit data, etc. If the application is left idle for more than 45 minutes, the application will be logged off automatically.

## 2 SECURITY

Each authorised user is required to read through, understand and sign The Security Policy for NOR Web Application before being authorised to access the application. This is to ensure that users play an active role in ensuring security of data at their level.

### 2.1 Policies and Practices as follows

As a good security practice, you are **strongly advised** to:

**Keep your password confidential!**

- **Avoid** sharing or divulging your Password to anyone. This includes any person who may appear to represent or work for the Registry. Our administrator do not request for your password at any time.
- **Avoid** using the same Web Application Password for any other web-based services such as for e-mail or for Internet Service Provider login.
- **Avoid** choosing a Password that is easily anticipated by a third party, like your NRIC number, telephone number, date of birth, etc. You should select a unique Password to make it difficult for anyone to anticipate.
- **Avoid** writing down or "saving" your Password on your browser or any other software. Memorizes your Password.
- If you suspect your Password may have been compromised, change your Password **immediately**.

## **National Obstetrics Registry (NOR) Web Application - Version 1.01**

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***Tips:*** *Your password is what tells the system that you are who you say you are. Because your password is like a key to your account, you need to safeguard it. Anyone who has your password can pose as you. Therefore, you may be held responsible for someone else's actions, if they are able to get your password. Do not record your passwords down, memorise them!*

### **Ensure you are accessing the correct website!**

Never access the website via a hyperlink from an e-mail. Always enter the correct website address yourself, which is <https://www.macr.org.my/eNOR/>.

### **Only access Web Application using a secure and trusted computer!**

- **Never** access your Web Application on computers / devices which you have doubts with regard to security, such as those located in public places. If you have to use such computers (for example, when you are outside the office), change your password once you have access to a secure computer.
- Keep your operating system (eg. Microsoft Windows) and Internet-related software updated with the latest security patches.
- Protect your computer from viruses and malicious programs with anti-virus software and firewalls where possible. Always update your anti-virus software with the latest virus signatures.
- Always log out your Internet session by clicking on the "logout" button whenever you leave your computer, even for a short while. Do not simply close the browser window when you wish to end the Web Application session.

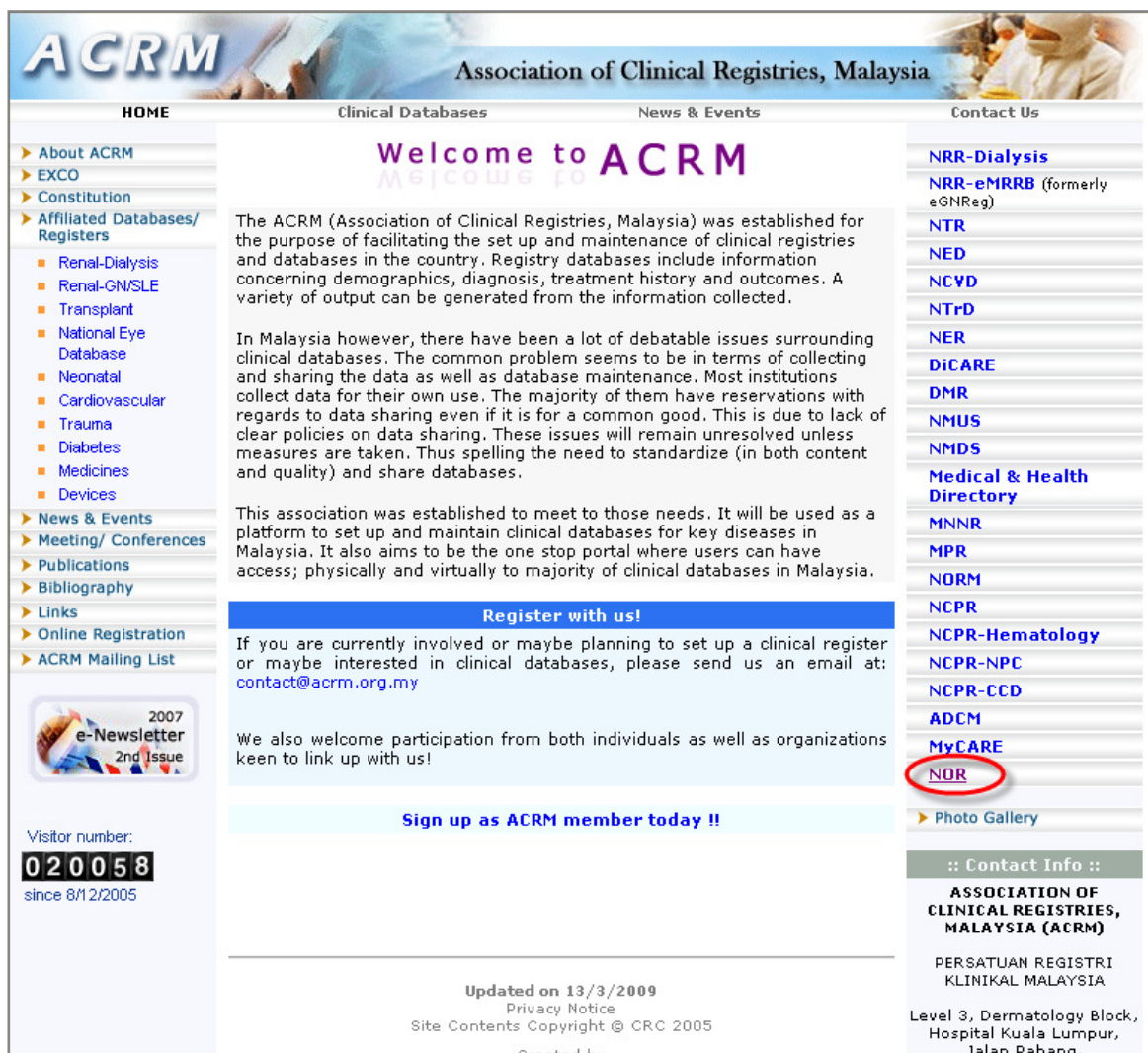
## 2.2 Access group and Access Right for NOR users

| Access Right for NOR, MM (Mother), PNM (Baby)                 |            |         |         |      |                |        |       |              |
|---------------------------------------------------------------|------------|---------|---------|------|----------------|--------|-------|--------------|
| Task                                                          | Submit PDF | Add     | Update  | View | Request Delete | Report | Query | Data Dowload |
| Site Doctor                                                   |            |         |         |      |                |        |       |              |
| NOR (Own Center)                                              |            | Y       | Y       | Y    | Y              | N      | Y     | N            |
| MM1 (Own Center)                                              |            | N       | N       | N    | N              | N      | N     | N            |
| PNM(Own Centre)                                               | Y- PNM1    | Y- PNM2 | Y- PNM2 | Y    | N              | N      | N     | N            |
| Site Nurse                                                    |            |         |         |      |                |        |       |              |
| NOR (Own Center)                                              |            | Y       | Y       | Y    | Y              | N      | Y     | N            |
| MM1 (Own Center)                                              |            | N       | N       | N    | N              | N      | N     | N            |
| PNM(Own Centre)                                               | Y- PNM1    | Y- PNM2 | Y- PNM2 | Y    | N              | N      | N     | N            |
| Site Coordinator                                              |            |         |         |      |                |        |       |              |
| NOR (Own Center)                                              |            | Y       | Y       | Y    | Y              | Y      | Y     | Y            |
| MM1 (Own Center)                                              |            | N       | N       | N    | N              | N      | N     | N            |
| PNM(Own Centre)                                               | Y- PNM1    | Y- PNM2 | Y- PNM2 | Y    | N              | N      | N     | N            |
| State Consultant                                              |            |         |         |      |                |        |       |              |
| NOR (Own State)                                               |            | Y       | Y       | Y    | Y              | Y      | Y     | Y            |
| MM(Own State)                                                 |            | N       | N       | Y    | N              | N      | N     | N            |
| PNM(Own Centre)                                               | Y- PNM1    | Y- PNM2 | Y- PNM2 | Y    | N              | N      | N     | N            |
| District Nurse                                                |            |         |         |      |                |        |       |              |
| NOR (Own District)                                            |            | N       | N       | N    | N              | N      | N     | N            |
| MM(Own District)                                              |            | Y       | Y       | Y    | Y              | Y      | Y     | N            |
| PNM(Own District)                                             | N          | Y       | Y       | Y    | Y              | Y      | Y     | N            |
| Family Health Physician FHP (State personnel)                 |            |         |         |      |                |        |       |              |
| NOR (Own State)                                               |            | N       | N       | Y    | N              | Y      | N     | N            |
| MM(Own State)                                                 |            | N       | N       | Y    | N              | Y      | Y     | N            |
| PNM(Own State)                                                |            | N       | N       | Y    | N              | Y      | Y     | N            |
| BPKK/MMU (KKM Staff)                                          |            |         |         |      |                |        |       |              |
| NOR (All)                                                     |            | N       | N       | Y    | N              | Y      | N     | N            |
| MM(All)                                                       |            | Y       | Y       | Y    | N              | Y      | Y     | Y            |
| PMM(All)                                                      | N          | Y       | Y       | Y    | N              | Y      | Y     | Y            |
| Paediatrician from Hospitals Not Participating in NNR and NOR |            |         |         |      |                |        |       |              |
| PNM(Own Centre)                                               | N          | Y       | Y       | Y    | Y              | N      | N     | N            |

Table 1.1

### 3 HOW TO ACCESS NOR WEB APPLICATION

1. Register the centre as Source Data Provider with NOR Management, contact NOR Manager via email: [nor@acrm.org.my](mailto:nor@acrm.org.my)
2. Fill in the authorization list form for the purpose of access control and sign the security policy form to receive a username and password.
3. Access to ACRM Website at <http://www.acrm.org.my>



Picture 1.0 ACRM Home page

4. Click on the NOR link and the NOR welcome page will be displayed as show in Picture 1.1
5. Key in the 'username' and 'password' in the appropriate column and then, click on the 'Sign in' button.

## National Obstetrics Registry (NOR) Web Application - Version 1.01



Picture 1.1 NOR Welcome page

**User authentication** – There are two levels of user authentication. After user logs in using ‘Username’ and ‘password’, an SMS containing ‘Auth Code’ will be sent to user’s mobile phone. User then types in the ‘Auth Code’ before gaining access to the system.

6. Key in the authentication code received via SMS.

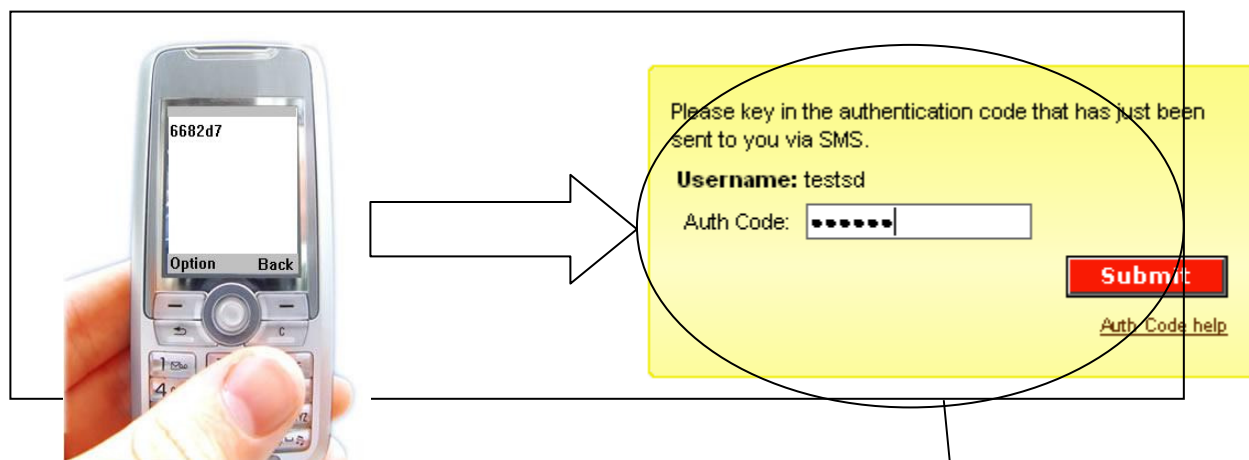
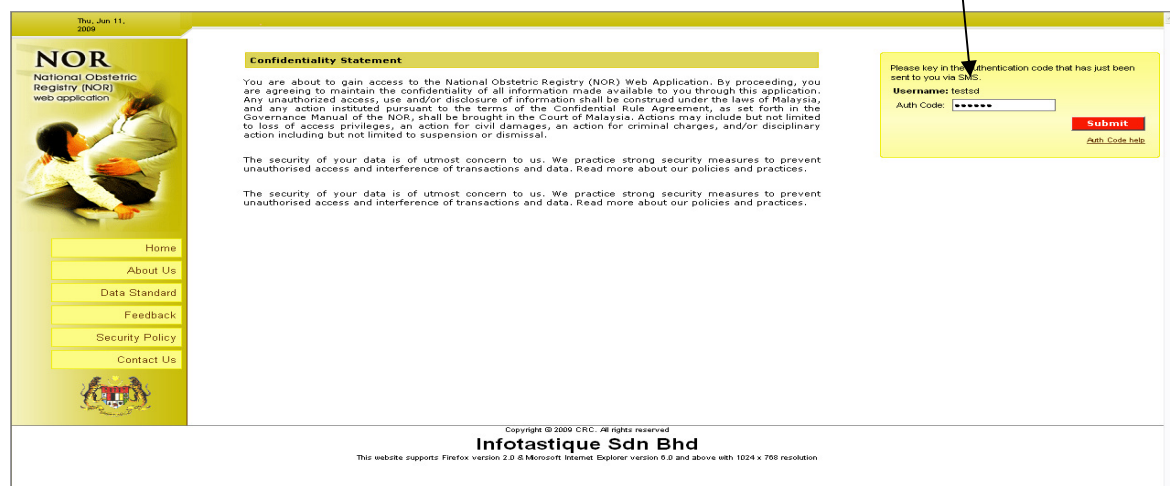


Diagram 1.1

Authentication Page is shown as in Picture 1.2.



Picture 1.2 Authentication page

## 4 STEP BY STEP USING NOR WEB APPLICATION - SITE STAFF (*SITE DOCTOR, SITE NURSE, SITE COORDINATOR*)

### 4.1 NOR / Maternal Mortality Patient List

After Login, the Patient List will appear first.

4.4: 5.4

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Instruction:**  
To register a new patient, please click [here](#).  
To update existing patients, please click on [this icon](#).  
In the next page that appears, click on the [this icon](#).

**Search / Filter**

Reporting Centre Name: Equal to (S) [v]  
Patient Id: Equal to (S) [v]  
Name: Whole word (S) [v]  
MyKad Num: Whole word (S) [v]  
Other Document Num: Whole word (S) [v]  
Date of Admission: By Range [v]  
Date of Delivery: By Range [v]

Test 1  
[v]  
[v]  
From [v] To [v]  
From [v] To [v]

Show Show All

| No. | Patient Id | Name   | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action |
|-----|------------|--------|-------------------|--------------------|--------------|----------|------------------------|--------|
| 1   | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  | 0/1                    |        |

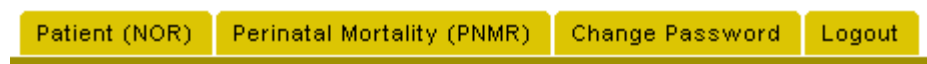
[Printer Friendly Page](#)

Picture 1.3 NOR / Maternal Mortality Patient List

### Navigation Toolbars

On top of the page there are 4 menu navigation toolbars which include:

- Patient (NOR)
- Perinatal Mortality (PNMR)
- Change Password
- Logout



Picture 1.4 Navigation Toolbars

## 4.2 Patient (NOR)

### 4.2.1 NOR Patient Verification

Before registering a patient, please verify that patient has not been registered in the system before by clicking on Patient (NOR) → NOR Patient Verification

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the  to register a new NOR patient notification.
3. If a record is found in the list below, click on the  to enter the NOR/PNMR Notification List. Further instruction is available on the page.

**Search / Filter section**

Name:  Whole word (S)

MyKad Num:  Whole word (S)  (Please key in with dash, eg. 571231-12-3456)

Other Document Num:  Whole word (S)

Please enter value for at least one the field to search (e.g Name, MyKad Num, Other Document Num).

| No. | Patient Id | Name          | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion     | NOR/Maternal Mortality | Action                                                                                |
|-----|------------|---------------|-------------------|--------------------|--------------|--------------|------------------------|---------------------------------------------------------------------------------------|
| 1   | 97129      | TEST MOTHER 3 | 740321-01-1120    |                    | Chinese      | Christianity | 1/0                    |  |

Picture 1.5 Patient List / Search Page

In the 'Verification' section, search the patient by typing in either the Name, or MyKad Num or Other Document Num of the patient.

If the patient exists in the database (i.e. Patient is shown in the patient list), click on NOR button of the patient to view the list of notification for that patient.

**Search / Filter section**

Name:  Whole word (S)

MyKad Num:  Whole word (S)  (Please key in with dash, eg. 571231-12-3456)

Other Document Num:  Whole word (S)

**NOR / Maternal Mortality Patient List**

| No. | Patient Id | Name          | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion     | NOR/Maternal Mortality | Action                                                                                |
|-----|------------|---------------|-------------------|--------------------|--------------|--------------|------------------------|---------------------------------------------------------------------------------------|
| 1   | 97129      | TEST MOTHER 3 | 740321-01-1120    |                    | Chinese      | Christianity | 1/0                    |  |

If patient doesn't exist (i.e. Patient is NOT shown in the patient list), click on the blue icon



in Picture 1.5 to register a new patient.

After clicking on the blue icon, the Mother National Obstetrics Registry Form will be shown as in Picture 1.6.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

**General Information**

1. Reporting Centre Name: Hospital Kuala Lumpur

**MOTHER**

Registration Medical h/o Past obst h/o Present obst h/o Admission Booking Complications ALL

**SECTION 5: PATIENT REGISTRATION - MOTHER DETAILS**

1. Date Admission: 11-06-2009

2. Name: Nur Isma

3. NRIC: MyKad: 820227-01-5655

Other ID document No.:

Specify document type (if others): ☐ Passport ☐ Armed Force ID ☐ Work Permit ☐ Drivers License ☐ Police ID Card ☐ Old IC ☐ Not available ☐ Missing

4. Address:

Postcode:

State: ☐ Johor Darul Ta'zim ☐ Pahang Darul Makmur ☐ Sarawak ☐ Wilayah Persekutuan (Labuan)

☐ Kedah Darul Aman ☐ Perak Darul Ridzuan ☐ Selangor Darul Ehsan ☐ Wilayah Persekutuan (Putrajaya)

☐ Kelantan Darul Naim ☐ Perlis Indera Kayangan ☐ Terengganu Darul Iman ☐ Foreigner ☐ Missing

☐ Melaka ☐ Pulau Pinang ☐ Wilayah Persekutuan (Kuala Lumpur)

☐ Negeri Sembilan Darul Khusus ☐ Sabah ☐ Foreigner, specify:

5. MRN:

6. Date of Birth: 27-02-1982

7. Age (years): 27 (Autocalculated)

8. Marital Status: ☐ Married ☐ Divorced ☐ Widowed ☐ Unknown ☐ Not available ☒ Missing

9. Ethnic group: ☐ Malay ☐ Kadazan/Dusun ☐ Melanau ☐ Orang Asli (Peninsular Malaysia) ☐ Other

☐ Chinese ☐ Murut ☐ Iban ☐ Other indigenous group in Sabah & Sarawak ☐ Unknown

☐ Indian ☐ Bajau ☐ Bidayuh ☐ Not Available ☒ Missing

Others, specify:

10. Religion: ☐ Islam ☐ Christianity ☐ Buddhism ☐ Hinduism ☐ Other, specify:

☐ Not available ☒ Missing

Others, specify:

11. Status: ☐ Citizen ☐ Non-citizen (legal) ☐ Non-citizen (illegal) ☐ Unknown ☐ Not available ☒ Missing

If Non-citizen (legal) or Non-citizen (illegal):

Country of origin: ☐ Indonesia ☐ Thailand ☐ Other ☐ Philippines ☐ India ☐ Unknown ☐ Not available ☐ Missing

Others, specify:

Registration Medical h/o Past obst h/o Present obst h/o Admission Booking Complications ALL

(\*\*)Double red asterisk indicates compulsory field

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**Picture 1.6** *Mother National Obstetrics Registry Form*

The Mother National Obstetrics Registry Form consists of 7 different sections that need to be filled in.

Note: Please be informed that the field with \*\* symbols are mandatory field.

After completing the form, click on the **Save** button to save the data into the database

After saving Mother National Obstetrics Registry Form the page will automatically go to Baby Form as shown in Picture 1.7. The number of Baby pages to enter depends on the number of fetuses in Mother National Obstetrics Registry Form, Section 5: Patient (Mother) Admission Details No. 2

The Baby Form consists of 5 different sections that need to be filled in.

## National Obstetrics Registry (NOR) Web Application - Version 1.01



**NOR** National Obstetric Registry  
(NOR) web application

59:38

testsd - (Site Doctor)

Patient
Change Password
Logout

**General Information**

|   |                       |                              |                      |
|---|-----------------------|------------------------------|----------------------|
| 1 | Reporting Centre Name | Hospital Kuala Lumpur        |                      |
| 2 | Mother Name           | NUR ISMA                     | Office use 52/88     |
| 3 | NRIC                  | MyKad / Mykid 820227-01-5656 | Other ID document No |
|   |                       | Specify document type        |                      |

Notification List
NOR Form
Baby 1
Mother Discharge

**BABY**

Details
ECV
Delivery
Complications
Others
Audit Information
ALL

Update Patient Notification Baby

SECTION 1: BABY DETAILS

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                                                                                                                                     |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Baby number :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                    | BBA (born before arrival) :                                                                                                         |
|   | <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> Not available <input type="checkbox"/> Missing |
| 3 | Date of delivery :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      | <input type="checkbox"/> Unknown                                                                                                    |
| 5 | Outcome :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4                    | Time of delivery :                                                                                                                  |
|   | a) ICD 10 at diagnosis :<br><input type="text"/><br>Specify : <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      | <input type="checkbox"/> Unknown                                                                                                    |
|   | b)<br><input type="checkbox"/> Alive<br><input type="checkbox"/> Dead<br><input type="checkbox"/> Unknown<br><input type="checkbox"/> Not available<br><input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                       |                      |                                                                                                                                     |
|   | If Alive<br>i) Apgar scoring at 1 min (1-10) : <input type="text"/> ii) Apgar scoring at 5 min (1-10) : <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                     |
|   | If Dead:<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> FSB<br/> <input type="checkbox"/> MSB<br/> <input type="checkbox"/> Abortion<br/> <input type="checkbox"/> Ectopic<br/> <input type="checkbox"/> Missing         </div> <div> <input type="checkbox"/> Early neonatal death (age:0-6days)<br/> <input type="checkbox"/> Late neonatal death (age:7-27days)<br/> <input type="checkbox"/> Other<br/> <input type="checkbox"/> Not available         </div> </div> |                      |                                                                                                                                     |
|   | Date of death :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="text"/> | <input type="checkbox"/> Unknown                                                                                                    |
|   | Time of death :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="text"/> | <input type="checkbox"/> Unknown                                                                                                    |
|   | Others, specify : <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                                                                                     |
| 6 | Sex :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7                    | Weight                                                                                                                              |
|   | <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Ambiguous/Indeterminate<br><input type="checkbox"/> Not available <input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                     | <input type="text"/> | <input type="checkbox"/> Unknown                                                                                                    |
| 8 | Discharge To                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                     |
|   | <input type="checkbox"/> Mother <input type="checkbox"/> Admitted to NICU <input type="checkbox"/> Nursery<br><input type="checkbox"/> Not available <input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                         |                      |                                                                                                                                     |

Details
ECV
Delivery
Complications
Others
Audit Information
ALL

Save

(\*\*)Double red asterisk indicates compulsory field

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**Picture 1.7 Baby National Obstetrics Registry Form**

After saving Baby National Obstetrics Registry Form the page will automatically go to Mother Discharge Summary Form as shown in Picture 1.8.

# National Obstetrics Registry (NOR) Web Application - Version 1.01



**NOR** National Obstetric Registry  
(NOR) web application

5 6 : 3 3

testsd - (Site Doctor)

[Patient](#)
[Change Password](#)
[Logout](#)

**General Information**

|                         |                       |                       |        |
|-------------------------|-----------------------|-----------------------|--------|
| 1 Reporting Centre Name | Hospital Kuala Lumpur |                       |        |
| 2 Patient Name          | NUR ISMA              | Office use            | 52/ 88 |
| 3 NRIC                  | MyKad / Mykid         | 820227-01-5656        |        |
|                         | Other ID document No  | Specify document type |        |

[Notification List](#)
[NOR Form](#)
[Baby 1](#)
[Mother Discharge](#)

**Discharge h/o**

**Audit Information**

**ALL**

**Save**

**Update NOR Mother Discharge Summary**

**SECTION 1: MOTHER DISCHARGE SUMMARY**

1 \*\* Mother Status :

a) ICD 10

ICD 10, specify

b)

☐ Alive

☒ Dead

☐ Not available

☐ Missing

If Dead : \*\*

i) Date of death : \*\*

☐ Unknown

ii) Dead time : \*\*

☐ Unknown

iii) Provisional cause of death : \*\*

☐ Postpartum hemorrhage

☐ HPT disorder of pregnancy

☐ Obstetric embolism

☐ Heart disease in pregnancy

☐ Sepsis

☒ Others, specify

iv) Post-mortem :

☐ Yes

☐ Limited

☐ No

☒ Missing

v) Place of death : \*\*

☒ Labour room

☐ ICU

☐ Other

☐ HDU

☐ Obstetric ward

☐ Not available

☐ Missing

Others, specify

vi) State of death : \*\*

☐ Johor Darul Takzim

☐ Pahang Darul Makmur

☐ Sarawak

☐ Wilayah Persekutuan (Labuan)

☐ Kedah Darul Aman

☐ Perak Darul Ridzuan

☐ Selangor Darul Ehsan

☐ Wilayah Persekutuan (Putrajaya)

☐ Kelantan Darul Naim

☐ Perlis Indera Kayangan

☐ Terengganu Darul Iman

☐ Foreigner

☐ Melaka

☐ Pulau Pinang

☒ Wilayah Persekutuan (Kuala Lumpur)

☐ Missing

☐ Negeri Sembilan Darul Khusus

☐ Sabah

vii) State of Investigation

**Discharge h/o**

**Audit Information**

**ALL**

**Save**

(\*\*)Double red asterisk indicates compulsory field

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**Infotastique Sdn Bhd**  
This website supports Firefox version 2.0 & Microsoft Internet Explorer version 6.0 and above with 1024 x 768 resolution

**Picture 1.8 Mother Discharge Summary**

After saving Mother Discharge Summary Form; and if any of the patient's baby fulfils the criteria below, the page will automatically go to List of Baby for Perinatal Mortality Registry (PNMR) reporting as shown in Picture 1.8a.

Criteria to be eligible to submit to Perinatal Mortality Registry (PNMR I):

1. Baby's outcome: Dead
2. Baby's Type of Death: Macerated / Fresh stillbirth
3. Baby's weight: > 500 gm

## National Obstetrics Registry (NOR) Web Application - Version 1.01

4 4 : 5 2

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**General Information**

|                         |                       |                |                                                    |              |  |
|-------------------------|-----------------------|----------------|----------------------------------------------------|--------------|--|
| 1 Reporting Centre Name | Hospital Kuala Lumpur |                |                                                    |              |  |
| 2 Mother Name           | TEST MOTHER 3         |                | Office use                                         | 97129/ 97395 |  |
| 3 NRIC                  | MyKad / Mykid         | 740321-01-1120 | Other ID document No                               |              |  |
|                         | Specify document type | Missing        | Specify document type (if others) - Others specify |              |  |

Notification List NOR Form Baby 1 Baby 2 Mother Discharge **MNCM - PNMR1**

1. Click below to build the PDF file which will auto insert data from NOR form into PNMR form.  
 2. A PDF file icon will appear below. Click on the icon. If you do not have acrobat reader installed, please click [here](#) to download.  
 3. A File Download popup will appear. Click Open to view and check that all data required for PNMR reporting has been filled. Note that you will not be able to Submit PDF to PNMR if data is incomplete. Warning! Once submitted to PNMR, the PNMR data will not be editable anymore. Please check carefully.  
 4. Click on to submit the data to MNCM-PNMR.

List of Baby for Perinatal Mortality Registry (PNMR) reporting. Criteria: Baby died, Stillbirth, >=500g or >=22 weeks gestation

| No. | Baby number | Date/Time of delivery | Outcome | If Dead (FBS / MSB)                                   | Notif Baby ID | Notif ID | PNMR PDF Built                      | PDF File                                                                           | Submitted PNMR                      | PNMR PDF Built Date | PNMR Date Submit    | PNMR PDF built By | PNMR Submit By |
|-----|-------------|-----------------------|---------|-------------------------------------------------------|---------------|----------|-------------------------------------|------------------------------------------------------------------------------------|-------------------------------------|---------------------|---------------------|-------------------|----------------|
| 1   | 1           | 02-03-2010 04:37:00   | Dead    | Macerated stillbirth (>=500g or >=22 weeks gestation) | 98251         | 97395    | <input checked="" type="checkbox"/> |  | <input checked="" type="checkbox"/> | 09-03-2010 10:20:42 | 09-03-2010 10:23:33 | kldr              | kldr           |
| 2   | 2           | 02-03-2010 04:45:00   | Dead    | Fresh stillbirth (>=500g or >=22 weeks gestation)     | 98252         | 97395    | <input checked="" type="checkbox"/> |  | <input checked="" type="checkbox"/> | 09-03-2010 10:29:01 | 09-03-2010 10:29:09 | kldr              | kldr           |

**Picture 1.8a** List of Baby for Perinatal Mortality Registry (PNMR) reporting

Click on the PDF icon to generate PDF version of the Perinatal Mortality Form for verification purposes. A pdf icon will appear. Click on the pdf icon to open the form and check if the data is ok and accurate. If data is ok, close the pdf file and click on 'Submit PDF' button to submit the PNMR data to the MNCM-PNMR registry. If the data is not ok, close the pdf file and return to update the NOR form. Once completed, click on the 'Submit to PNMR' to submit the record to Perinatal Mortality Registry.

To return to the patient's notification list, click on the Notification List tab and the patient's notification list will appear as shown in Picture 1.9.

4 4 : 5 3

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

A. Add a new notification (different delivery date from the existing record), click on the . Basic data of the person will be auto entered to the new notification.  
 B. To Update an existing notification, click on the   
 C. To View an existing notification, click on the   
 D. To Request delete for a wrongly entered record, click on the 

**Patient Information**

|              |                       |                |                                                    |
|--------------|-----------------------|----------------|----------------------------------------------------|
| Patient Name | TEST MOTHER 3         | Office use     | 97129                                              |
| NRIC         | MyKad / Mykid         | 740321-01-1120 | Other ID document No                               |
|              | Specify document type | Missing        | Specify document type (if others) - Others specify |

**Add new NOR Notification**

**NOR/Maternal Mortality (PNMR) Notification List**

| No. | Notification ID | Date Admission | Date of delivery | NOR Reporting Centre Name | State Of Investigation | State (occurrence) | Mother Status for Notification | Number of foetuses | Date of Death | Period of Death (Maternal Mortality) | Place of Death (Maternal Mortality) | Type NOR                                                                                                                                                                                                                                                          |
|-----|-----------------|----------------|------------------|---------------------------|------------------------|--------------------|--------------------------------|--------------------|---------------|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 97395           | 01-03-2010     | 02-03-2010       | Hospital Kuala Lumpur     | Missing                | Missing            | Alive                          | Twins              |               |                                      |                                     |    |

**Picture 1.9** NOR Notification Form List

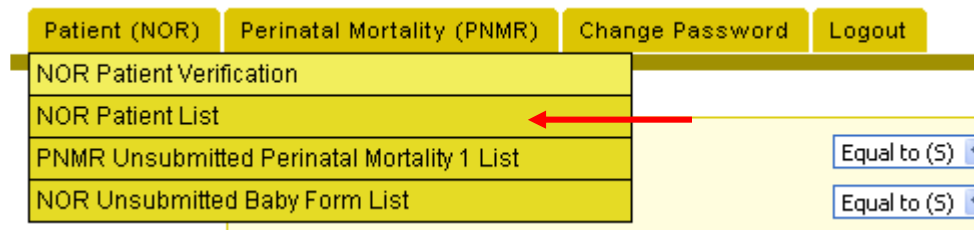
To view patient's information entered in NOR Notification form, click on the blue View icon  on NOR Notification List.

To update the patient's information in NOR Notification form, click on the blue Update icon  on NOR Notification List.

To delete a patient's NOR record, click on the blue request delete icon  on NOR Notification List.

## 4.2.2 NOR Patient List

To search for a patient, select 'Patient (NOR)' → 'NOR Patient List'.



In the 'Search' section (Picture 1.10) search the patient by filling in the selection criteria. This list is for viewing and searching for the patients in your centre only.

**Search Section**

Reporting Centre Name: Equal to (S) [dropdown]  
 Patient Id: Equal to (S) [dropdown]  
 Name: Whole word (S) [dropdown]  
 MyKad Num: Whole word (S) [dropdown]  
 Other Document Num: Whole word (S) [dropdown]  
 Date of Admission: By Range [dropdown]  
 Date of Delivery: By Range [dropdown]

From: [text] To: [text] [calendar icon]  
 From: [text] To: [text] [calendar icon]

Show Show All

**View/Update NOR Notification**

| No. | Patient Id | Name                                             | MyKid / MyKad Num | Other Doc    | Religion | NOR/Maternal Mortality | Action              |
|-----|------------|--------------------------------------------------|-------------------|--------------|----------|------------------------|---------------------|
| 1   | 97129      | TEST MOTHER 3                                    | 740321-01-1120    |              |          | 1/0                    | [View] [Update]     |
| 2   | 97116      | NEI TAI                                          |                   | 791-09C09    |          | 1/0                    | [View] [Update]     |
| 3   | 97108      | PONG SOUT CHAN                                   | 830515-14-5018    |              |          | 1/0                    | [View] [Update]     |
| 4   | 97101      | ROSILZA BINTI HARUN                              | 770824-06-5706    |              |          | 1/0                    | [View] [Update]     |
| 5   | 97051      | SITTI SAUDAH BINTI HARIS                         | 840722-12-5668    |              | Bayau    | Islam                  | 1/0 [View] [Update] |
| 6   | 97039      | NORAYUSLINDA BINTI MARZUKI                       | 811018-02-5652    |              | Malay    | Islam                  | 1/0 [View] [Update] |
| 7   | 97036      | NORHARTINI BINTI ZAMUDIN                         | 840314-08-5900    |              | Malay    | Islam                  | 1/0 [View] [Update] |
| 8   | 97035      | SHARIFAH ANIS SURYANI BINTI SYED AHMED JALALUDIN | 820724-05-5386    |              | Malay    | Islam                  | 1/0 [View] [Update] |
| 9   | 97029      | BALIT KALUR AP BAGWEAN                           | 700111-07-5206    |              | Other    | Not available          | 1/0 [View] [Update] |
| 10  | 97027      | HALIMO SALAH ABULLAHI                            |                   | 354-09C02509 | Other    | Islam                  | 1/0 [View] [Update] |
| 11  | 97015      | MURASHARQI BINTI ABDUL KADIR@ KHALID             | 771129-02-6566    |              | Malay    | Islam                  | 1/0 [View] [Update] |
| 12  | 97012      | SAUDAH BINTI SAIDINA                             | 870607-61-5044    |              | Other    | Islam                  | 1/0 [View] [Update] |

Picture 1.10 NOR / Maternal Mortality List

To View Patient Particulars, click on the blue View icon

To update the patient's form, click on the blue Update icon .

To View/Update NOR Notification data, click on the NOR Notification icon 1/0

### 4.2.3 PNMR Unsubmitted Perinatal Mortality 1 List

Patient (NOR)
Perinatal Mortality (PNMR)
Change Password
Logout

NOR Patient Verification

NOR Patient List

PNMR Unsubmitted Perinatal Mortality 1 List

NOR Unsubmitted Baby Form List

Equal to (S) ▼

Equal to (S) ▼

33: 07

**NOR** National Obstetric Registry  
(NOR) web application

klhfp - (Family Health Physician FHP)

Patient (NOR)
Maternal Mortality (MMR)
Perinatal Mortality (PNMR)
Report
Change Password
Logout

**Instructions:**  
 To register a new patient, please click [here](#).  
 To update existing patients, please click on   
 In the next page that appears, click on the

**Search / Filter**

|                        |                  |                                                   |
|------------------------|------------------|---------------------------------------------------|
| State Of Investigation | Equal to (S) ▼   | Wilayah Persekutuan (Kuala Lumpur) ▼              |
| Reporting Centre Name  | Equal to (S) ▼   | <input type="text"/>                              |
| Patient Id             | Equal to (S) ▼   | <input type="text"/>                              |
| Name                   | Whole word (S) ▼ | test 1                                            |
| MyKad Num              | Whole word (S) ▼ | <input type="text"/>                              |
| Other Document Num     | Whole word (S) ▼ | <input type="text"/>                              |
| Date of Admission      | By Range ▼       | From <input type="text"/> To <input type="text"/> |
| Date of Delivery       | By Range ▼       | From <input type="text"/> To <input type="text"/> |

Show Show All

| No. | Patient Id | Name   | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action |
|-----|------------|--------|-------------------|--------------------|--------------|----------|------------------------|--------|
| 1   | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  | Q/1                    |        |

[Printer Friendly Page](#)

This list shows the list of patients who have NOR form completed and patient's baby status is 'died' but no Perinatal Mortality 1 form entered.

### 4.3 Perinatal Mortality (PNMR)

#### 4.3.1 PNMR Patient Verification

Before registering a perinatal mortality patient, please verify that perinatal mortality patient has not been registered in the system before by clicking on Perinatal Mortality (PNMR) → PNMR Patient Verification

Patient (NOR)
Perinatal Mortality (PNMR)
Change Password
Logout

PNMR Patient Verification
PNMR Patient List

Reporting Centre Name
Equal to (S)

4:41:52

National Obstetric Registry  
(NOR) web application

kldr - (Site Doctor)

Patient (NOR)
Perinatal Mortality (PNMR)
Change Password
Logout

**Patient Verification Before Registration**  
Please verify that the patient you wish to register has not been registered before in the registry.  
Only register NEW Patient if record NOT found or the patient identities are NOT the same.  
This is to avoid duplication of registration.  
Steps:  
1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.  
2. If no record is found in the list below, click on the **Perinatal Mortality 2** to register a new PNMR notification.  
3. If a record is found in the list below, click on the  to complete the form that has been registered before.

Search / Filter

Name
Whole word (S)

MyKid / MyKad Num
Whole word (S)

Other Document Num
Whole word (S)

Show Show All

Please enter value for at least one the field to search (e.g Name, MyKad Num, Other Document Num).

**Perinatal Mortality Registry (PNMR) Verification Result List**

| No. | PNM Patient ID | Source | Name | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center | Investigation District | Investigation State | Date of Delivery | Case No | Year | Date of death | Stillbirth Type | Completed Action |
|-----|----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|
|-----|----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|

Picture 1.11 Patient List / Search Page

In the ‘Verification’ section, search the patient by type in either the Name, or MyKad Num or Other Document Num of the patient.

If the perinatal mortality patient exists in the database (i.e. Patient is shown in the perinatal mortality patient list), check if the record is referring to the same baby that you wish to register. If it is the same, click on Update button of the perinatal mortality patient to update the patient’s perinatal mortality form. If it is not the same, click on the Add Perinatal Mortality 2 button

# National Obstetrics Registry (NOR) Web Application - Version 1.01

4.4 : 4.9

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2** icon to register a new PNMR notification.
3. If a record is found in the list below, click on the icon to complete the form that has been registered before.

**Search / Filter**

Name:

MyKid / MyKad Num:

Other Document Num:  (Please key in with dash, eg. 571231-12-3456)

Show Show All

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | Patient ID | Source | Name          | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center      | Investigation District             | Investigation State                | Date of Delivery    | Case No | Year | Date of death       | Stillbirth Type                                       | Completed Action                                                                    |
|---------|------------|--------|---------------|-------------------|--------------------|-----------------------------------|----------------------|-----------------------|------------------------------------|------------------------------------|---------------------|---------|------|---------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1       | 3          | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Missing                            | Missing                            | 02-03-2010 04:37:00 |         |      | 02-03-2010 04:38:00 | Macerated stillbirth (>=500g or >=22 weeks gestation) |  |
| 2       | 4          | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 02-03-2010 04:45:00 | 1       | 2010 | 02-03-2010 00:00:00 | Fresh stillbirth (>=500g or >=22 weeks gestation)     |  |

If perinatal mortality patient doesn't exist (i.e. Perinatal mortality patient is NOT shown in the list), click on the blue 'Perinatal Mortality 2' icon in Picture 1.11 to register a new perinatal mortality patient.

4.4 : 4.9

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2** icon to register a new PNMR notification.
3. If a record is found in the list below, click on the icon to complete the form that has been registered before.

**Search / Filter**

Name:

MyKid / MyKad Num:

Other Document Num:  (Please key in with dash, eg. 571231-12-3456)

Show Show All

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | Patient ID | Source | Name | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center | Investigation District | Investigation State | Date of Delivery | Case No | Year | Date of death | Stillbirth Type | Completed Action |
|---------|------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|
|---------|------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|

After clicking on the blue icon, user will be brought to Perinatal Mortality Form as shown in Picture 1.12.

The Perinatal Mortality Form consists of 6 different sections that need to be filled in. Note: Please be informed that field with \*\* symbols are mandatory field, whereas field marked with # symbols are auto-populated from NOR form.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

4.2 : 5.5

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**SECTION A: REPORTING DETAILS**

Name of reporting centre: Hospital Kuala Lumpur

Source: ☐ NNR ☒ NOR ☐ District Nurse ☐ Paediatrician from Non-NNR & NOR site

Case no / Year: /

Investigation district: Wilayah Persekutuan (Kuala Lumpur)

Investigation state: ☐ Johor Darul Takzim ☐ Pahang Darul Makmur ☐ Sarawak ☐ Wilayah Persekutuan (Labuan)  
☐ Kedah Darul Aman ☐ Perak Darul Ridzuan ☐ Selangor Darul Ehsan ☐ Wilayah Persekutuan (Putrajaya)  
☐ Kelantan Darul Naim ☐ Perlis Indera Kayangan ☐ Terengganu Darul Iman ☐ Foreigner  
☐ Melaka ☐ Pulau Pinang ☒ Wilayah Persekutuan (Kuala Lumpur) ☐ Missing  
☐ Negeri Sembilan Darul Khusus ☐ Sabah

**SECTION B: CASE DEFINITION**

1 How was this case defined:

☐ Macerated stillbirth (>=500g or >=22 weeks gestation) ☐ Early neonatal death (age:0-6days and BW>=500 g)  
☐ Fresh stillbirth (>=500g or >=22 weeks gestation) ☐ Late neonatal death (age:7-27 days and BW>=500g)  
☐ Not available ☒ Missing

Case Definition Mother Current Preg Current Preg (cont.) Foetus / Neonate Death Classification ALL

Save

Picture 1.12 Perinatal Mortality Form

After completing the form, click on the **Save** button to save the data.

### 4.3.2 PNMR Patient List

To search for a perinatal mortality patient, select 'PNMR Patient List' under the 'Perinatal Mortality (PNMR)' toolbar.

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

PNMR Patient Verification

PNMR Patient List

Reporting Centre Name

Equal to (5)

In the 'Search' section (Picture 1.13) search the patient by filling in the selection criteria. This list is for viewing and searching for the patients in your centre only.

4.4 : 4.9

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Search / Filter**

Name of reporting centre: Equal to (S)

Investigation district: Equal to (S)

Investigation state: Equal to (S)

PNMR Patient ID: Equal to (S)

Name: Whole word (S)

MyKad: Whole word (S)

Other ID Document No: Whole word (S)

Date of delivery: Equal to (S)

From: To:

Show Show All

**Perinatal Mortality Patient List**

| PNM No. | Patient ID | Name of reporting centre | Investigation district             | Investigation state                | Source | Case No. | Year | How was this case defined                             | Name          | MyKad          | Other ID Document No | Specify document type (if others) | Date of death | Time of death | Completed | Action                          |
|---------|------------|--------------------------|------------------------------------|------------------------------------|--------|----------|------|-------------------------------------------------------|---------------|----------------|----------------------|-----------------------------------|---------------|---------------|-----------|---------------------------------|
| 1       | 4          | Hospital Kuala Lumpur    | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | NOR    | 1        | 2010 | Fresh stillbirth (>=500g or >=22 weeks gestation)     | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           | 2-03-10       | 04:38         |           | View PDF of Perinatal Mortality |
| 2       | 3          | Hospital Kuala Lumpur    | Missing                            | Missing                            | NOR    |          |      | Macerated stillbirth (>=500g or >=22 weeks gestation) | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           |               |               |           | Update                          |

Picture 1.13 Perinatal mortality List / Search page

To View Perinatal Mortality details, click on the blue View icon

To update the perinatal mortality form, click on the blue Update icon  .

### 4.4 Change Password

To change the password, click on the 'Change Password' menu toolbar, fill in the details as below and click the Submit button.



Picture 1.14 Change Password page



Picture 1.15 Result page for Change Password

### 4.5 Logout

To logout from NOR, click on 'Logout' menu bar.



Picture 1.16 Logout Menu Bar

## 5 STEP BY STEP USING NOR WEB APPLICATION – DISTRICT NURSE AND BPKK/MMU (KKM STAFF)

### 5.1 NOR / Maternal Mortality Patient List

After Login, NOR / Maternal Mortality Patient List will appear.

district\_kl - (District Nurse)

44: 52

Instructions:  
To register a new patient, please click [here](#).  
To update existing patients, please click on [this icon](#).  
In the next page that appears, click on the [this icon](#).

Search / Filter

Reporting Centre Name: Equal to (S) [v]  
Patient Id: Equal to (S) [v]  
Name: Whole word (S) [v]  
MyKad Num: Whole word (S) [v]  
Other Document Num: Whole word (S) [v]  
Date of Admission: By Range [v]  
Date of Delivery: By Range [v]

From [ ] To [ ]  
From [ ] To [ ]

Show Show All

| No. | Patient Id | Name   | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action |
|-----|------------|--------|-------------------|--------------------|--------------|----------|------------------------|--------|
| 1   | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  | Q/1                    |        |

[Printer Friendly Page](#)

Picture 1.17 NOR / Maternal Mortality Patient List

### Navigation Toolbars

On top of each page there are 5 menu navigation toolbars which include:

- Patient (NOR)
- Maternal Mortality (MMR)
- Perinatal Mortality (PNMR)
- Change Password
- Logout



Picture 1.18 Navigation Toolbars

## 5.2 Patient (NOR)

### 5.2.1 PNMR Unsubmitted Perinatal Mortality 1 List

33:07

**NOR** National Obstetric Registry  
(NOR) web application

kllhp - (Family Health Physician FHP)

Patient (NOR)
Maternal Mortality (MMR)
Perinatal Mortality (PNMR)
Report
Change Password
Logout

**Instruction:**  
 To register a new patient, please click [here](#).  
 To update existing patients, please click on   
 In the next page that appears, click on the .

**Search / Filter**

|                        |                |                                                   |
|------------------------|----------------|---------------------------------------------------|
| State Of Investigation | Equal to (S)   | Wilayah Persekutuan (Kuala Lumpur)                |
| Reporting Centre Name  | Equal to (S)   |                                                   |
| Patient Id             | Equal to (S)   | <input type="text"/>                              |
| Name                   | Whole word (S) | test 1 <input type="text"/>                       |
| MyKad Num              | Whole word (S) | <input type="text"/>                              |
| Other Document Num     | Whole word (S) | <input type="text"/>                              |
| Date of Admission      | By Range       | From <input type="text"/> To <input type="text"/> |
| Date of Delivery       | By Range       | From <input type="text"/> To <input type="text"/> |

Show Show All

| NOR / Maternal Mortality Patient List |            |        |                   |                    |              |          |                        |        |
|---------------------------------------|------------|--------|-------------------|--------------------|--------------|----------|------------------------|--------|
| No.                                   | Patient Id | Name   | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action |
| 1                                     | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  | Q/1                    |        |

[Printer Friendly Page](#)

This list shows the list of patients who have NOR form completed and patient's baby status is 'died' but Perinatal Mortality 1 form is not submitted yet by the Site User.

## 5.3 Maternal Mortality (MMR)

### 5.3.1 MMR Patient Verification

Before registering a maternal mortality, please verify that patient has not been registered in the system before by clicking on Maternal Mortality (MMR) → MMR Patient Verification.

**Maternal Mortality (MMR)**

MMR Patient Verification

MMR Patient List

MMR Unsubmitted Maternal Mortality 1 List

Equal to (S)

Patient Id

Equal to (S)

district\_melaka - (District Nurse)

**Maternal Mortality 2**

**Search / Filter section**

Name: Whole word (S)

MyKad Num: Whole word (S)

Other Document Num: Whole word (S)

(Please key in with dash, eg. 571231-12/3456)

**Search**

Please enter value for at least one the field to search (e.g Name, MyKad Num, Other Document Num).

| No. | Patient Id | Name | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action |
|-----|------------|------|-------------------|--------------------|--------------|----------|------------------------|--------|
|-----|------------|------|-------------------|--------------------|--------------|----------|------------------------|--------|

Picture 1.19 Patient List / Search Page

In the 'Verification' section, search the patient by typing in either the Name, or MyKad Num or Other Document Num of the patient.

The Mortality form is divided into Mortality 1 and Mortality 2 form.

Mortality 1 is for patients who died in the hospitals participating in NOR during antenatal and immediate post natal period and have existing NOR form. Mortality 1 form will have data that is prefilled from NOR form. Mortality 1 form can only be filled up AFTER NOR form is filled.

Mortality 2 is for patients who did not die in the hospitals participating in NOR during antenatal period and immediate post natal period.

### 5.3.1.1 MMR2 - Register Patient Without NOR Notification Information

If the patient does not exist in the database (i.e. patient is not shown in Patient List), click

on blue Mortality 2 button  in Picture 1.19

After click on blue icon, user will be brought to NOR Patient Mortality Details Form as shown in Picture 1.20



**Picture 1.20** NOR Patient Mortality Details Form

The NOR Patient Mortality Details form consists of 8 different sections that need to be filled in.

After completing the form, click on the  button to save the data into the database and the page will automatically go to Patient Mortality Anaesthetic Form as shown in Picture 1.21.

## National Obstetrics Registry (NOR) Web Application - Version 1.01




**NOR** National Obstetric Registry  
 (NOR) web application

5 9 : 3 2

testsmch - (State MCH)

[Patient](#)
[Change Password](#)
[Logout](#)

**General Information**

|   |                       |                       |                       |        |
|---|-----------------------|-----------------------|-----------------------|--------|
| 1 | Reporting Centre Name | Hospital Kuala Lumpur |                       |        |
| 2 | Mother Name           | NUR HAYATI            | Office use            | 53/ 89 |
| 3 | NRIC                  | MyKad / Mykid         | 840505-05-0506        |        |
|   | Other ID document No  |                       | Specify document type |        |

[Notification List](#)
[Mortality](#)
[2 Anaesthetic](#)

**ANAESTHETIC**

[Details](#)
[Perioperative h/o](#)
[Anaesthetic](#)
[GA](#)
[Regional anaes](#)
[Intraoperative h/o](#)
[Recovery/Postoperative h/o](#)
[Transfer](#)
[ICU h/o](#)
[ALL](#)

**New Patient Mortality Anaes**  
**PART I: BACKGROUND INFORMATION**

|    |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |    |                                  |                      |                                  |
|----|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|----------------------------------|----------------------|----------------------------------|
| Q1 | Date of referral :<br>(dd/mm/yyyy) | <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Unknown | Q2 | Time of referral :<br>(24 hours) | <input type="text"/> | <input type="checkbox"/> Unknown |
| Q3 | Status of hospital :               | <input type="checkbox"/> Government hospital with specialist<br><input type="checkbox"/> Government hospital without specialist<br><input type="checkbox"/> Private hospital without specialist<br><input type="checkbox"/> Missing<br><input type="checkbox"/> Private hospital with specialist<br><input type="checkbox"/> Other<br><input type="checkbox"/> Not available<br>Others, specify <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |    |                                  |                      |                                  |
| Q4 | Status of anaesthetist :           | <input type="checkbox"/> Consultant<br><input type="checkbox"/> Clinical specialist<br><input type="checkbox"/> Registrar/ Medical officer in training<br><input type="checkbox"/> Medical officer with >1 year anaesthesia experience<br><input type="checkbox"/> Medical officer with <1 year anaesthesia experience<br><input type="checkbox"/> Medical officer with <6 months anaesthesia experience<br><input type="checkbox"/> Medical assistant<br><input type="checkbox"/> Not available<br><input type="checkbox"/> Missing<br>If Registrar/ Medical officer in training or Medical officer with >1 year anaesthesia experience or Medical officer with < 1 year anaesthesia experience or Medical officer with <6 months anaesthesia experience or Medical assistant<br>Q5 Did you consult your specialist about the case :<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Unknown<br><input type="checkbox"/> Not available<br><input type="checkbox"/> Missing |                                  |    |                                  |                      |                                  |

[Details](#)
[Perioperative h/o](#)
[Anaesthetic](#)
[GA](#)
[Regional anaes](#)
[Intraoperative h/o](#)
[Recovery/Postoperative h/o](#)
[Transfer](#)
[ICU h/o](#)
[ALL](#)

(\*\*)Double red asterisk indicates compulsory field

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**Picture 1.21 Patient Mortality Anaesthetic Form**

The Patient Mortality Anaesthetic form consists of 9 different sections that need to be filled in.

After completing the form, click on the **Save** button and the patient would appear in the NOR / Maternal Mortality Patient List as shown in Picture 1.22.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

4.4: 5.2

**NOR** National Obstetric Registry (NOR) web application

district\_melaka - (District Nurse)

Patient (NOR) Maternal Mortality (MMR) Perinatal Mortality (PNMR) Change Password Logout

A. Add a new notification (different delivery date from the existing record), click on the . Basic data of the person will be auto entered to the new notification.  
 B. To Update an existing notification, click on the   
 C. To View an existing notification, click on the   
 D. To Request delete for a wrongly entered record, click on the

**Patient Information**

|              |                       |                |                                                    |
|--------------|-----------------------|----------------|----------------------------------------------------|
| Patient Name | TEST MELAKA 1001      | Office use     | 97132                                              |
| NRIC         | MyKad / MyKID         | 780101-01-0100 | Other ID document No                               |
|              | Specify document type | Missing        | Specify document type (if others) - Others specify |

**NOR / Maternal Mortality (MMR) Notification List**

| No. | Notification ID | Date of Admission | Date of delivery | NOR Reporting Centre Name | State Of Investigation | State (occurrence) | Mother Status for Notification | Number of foetuses | Date of Death       | Period of Death (Maternal Mortality) | Place of Death (Maternal Mortality) | Type | NOR | Maternal Mortality |
|-----|-----------------|-------------------|------------------|---------------------------|------------------------|--------------------|--------------------------------|--------------------|---------------------|--------------------------------------|-------------------------------------|------|-----|--------------------|
| 1   | 97398           | 07-03-2010        | 09-03-2010       | Hospital Melaka           | Melaka                 | Melaka             | Dead                           | Singleton          | 12-03-2010 15:00:00 | Intrapartum                          | Government Hospital with specialist | M1   |     |                    |

Picture 1.22 NOR / Mortality Notification List

To view the patient's mortality information entered in NOR Mortality form, click on the blue View icon on NOR / Mortality Notification List.

To update the patient's mortality information entered in NOR Mortality form, click on the blue Update icon on NOR / Mortality Notification List.

To request delete a patient's mortality record, click on the blue request delete icon on NOR / Mortality Notification List.

### 5.3.1.2 MMR1 - Register Patient With NOR Notification Information

If the patient exist in the database (i.e. Patient is shown in Patient List), click Mortality

icon 1/0 in Picture 1.23 of the patient to view the list of Mortality notification for the patient.

4.4: 5.2

**NOR** National Obstetric Registry (NOR) web application

district\_melaka - (District Nurse)

Patient (NOR) Maternal Mortality (MMR) Perinatal Mortality (PNMR) Change Password Logout

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NDI found or the patient identities are NDI the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Maternal Mortality 2** to register a new Maternal Mortality (MMR) patient.
3. If a record is found in the list below, click on the to enter the NOR/MMR Notification List. Further instruction is available on the page.

**Search / Filter section**

|                    |                |               |
|--------------------|----------------|---------------|
| Name               | Whole word (S) | TEST MOTHER 3 |
| MyKad Num          | Whole word (S) |               |
| Other Document Num | Whole word (S) |               |

(Please key in with dash, eg. 571231-12-3456)

**Search**

**NOR / Maternal Mortality Patient List**

| No. | Patient Id | Name          | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion     | NOR / Maternal Mortality | Action |
|-----|------------|---------------|-------------------|--------------------|--------------|--------------|--------------------------|--------|
| 1   | 97129      | TEST MOTHER 3 | 740321-01-1120    |                    | Chinese      | Christianity | 1/0                      |        |

Picture 1.23 Patient List / Search page

After clicking the 1/0 icon, user will be brought to Mortality Notification List as shown in Picture 1.24.

## National Obstetrics Registry (NOR) Web Application - Version 1.01



testsmch - (State MCH)

Patient Change Password Logout

**Patient Information**

|              |                      |                |                       |
|--------------|----------------------|----------------|-----------------------|
| Patient Name | NUR ISMA             | Office use     | 52                    |
| NRIC         | MyKad / Mykid        | 820227-01-5656 |                       |
|              | Other ID document No |                | Specify document type |

**NOR/Mortality Notification List**

| No. | Notification ID | NOR Reporting Centre Name | State Of Investigation             | State (occurrence)                 | Date Admission | Mother Status for Notification | Date of Death       | Period of Death | Place of Death | First Baby Delivery Date | Number of foetuses | Type | Mortality  |
|-----|-----------------|---------------------------|------------------------------------|------------------------------------|----------------|--------------------------------|---------------------|-----------------|----------------|--------------------------|--------------------|------|------------|
| 1   | 88              | Hospital Kuala Lumpur     | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 11-06-2009     | Dead                           | 01-06-2009 11:11:00 |                 |                | 11-06-2009 11:30:00      | Singleton          |      | Mortality1 |

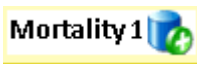
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Picture 1.24 NOR/Mortality Notification List page

To add Mortality 1 form click icon  in NOR / Mortality Notification List. User will be brought to NOR Patient Mortality Details form as show in Picture 1.25.



testsmch - (State MCH)

Patient Change Password Logout

**General Information**

|   |                                      |                              |
|---|--------------------------------------|------------------------------|
| 1 | If died in Government, Hospital Name |                              |
| 2 | Patient Name                         | NUR ISMA Office use 52/88    |
| 3 | NRIC                                 | MyKad / Mykid 820227-01-5656 |
|   | Other ID document No                 | Specify document type        |
| 4 | Case no / Year: **                   |                              |
| 5 | District (occurrence):               |                              |
| 6 | State (occurrence):                  | 9999                         |

**Notification List** Add Mortality 1

**Meeting Biodata Death Past h/o ANC h/o Delivery Postpartum Perioperative h/o ALL** Save

**New Hospital Mortality Details**

**SECTION A: MORTALITY MEETING**

|   |                                              |  |
|---|----------------------------------------------|--|
| 1 | Date of District Maternal Mortality meeting: |  |
| 2 | Date of State Maternal Mortality meeting:    |  |
| 3 | Date of National Maternal Mortality meeting: |  |

**Meeting Biodata Death Past h/o ANC h/o Delivery Postpartum Perioperative h/o ALL** Save

(\*\*)Double red asterisk indicates compulsory field  
 (#)AutoFill from NOR Form (Applicable for Mortality I)

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Picture 1.25 NOR Patient Mortality Details form

The NOR Patient Mortality Details form consists of 8 different sections that need to be filled in.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

5.9 : 5.6


**NOR** National Obstetric Registry  
(NOR) web application

testsmch - (State MCH)

[Patient](#)
[Change Password](#)
[Logout](#)

**General Information**

1 If died in Government, Hospital Name:

2 Patient Name: NUR ISMA Office use: 5208

3 NRIC: MyKad / MyKad: 820227-01-5656 Other ID document No: Specify document type:

4 Case no / Year: \*\*

5 District (occurrence):

6 State (occurrence): 9999

[Notification List](#)
[Add Mortality 1](#)

[Meeting](#)
[Biodata](#)
[Death](#)
[Past h/o](#)
[ANC h/o](#)
[Delivery](#)
[Postpartum](#)
[Perioperative h/o](#)
[ALL](#)
[Save](#)

**New Nonpatient Mortality Details**

**SECTION B: BIODATA MOTHER**

1 \*\* Name: NUR ISMA

2 \*\* NRIC: MyKad: 820227-01-5656 Specify document type (if others):

3 Address:
 

Postcode: District:

State:
 

☐ Johor Darul Takzim
 ☐ Pahang Darul Makmur
 ☐ Sarawak
 ☐ Wilayah Persekutuan (Labuan)

☐ Kedah Darul Aman
 ☐ Perak Darul Ridzuan
 ☐ Selangor Darul Ehsan
 ☐ Wilayah Persekutuan (Putrajaya)

☐ Kelantan Darul Naim
 ☐ Perlis Indera Kayangan
 ☐ Terengganu Darul Iman
 ☐ Foreigner

☐ Melaka
 ☐ Pulau Pinang
 ☐ Wilayah Persekutuan (Kuala Lumpur)
 ☒ Missing

☐ Negeri Sembilan Darul Khusus
 ☐ Sabah

Foreigner, specify:

4 \*\* Date of birth: (dd/mm/yyyy) 27-02-1982

5 \*\* Ethnic group: Malay Others, specify:

6 Status: Missing If Non-citizen (legal) or Non-citizen (illegal) Country of origin Others, specify:

7 Education:
 

☐ Never attended
 ☐ Primary school
 ☐ Secondary school
 ☐ College
 ☐ University
 ☐ Unknown

☐ Not available
 ☒ Missing

8 Occupation:
 

☐ Housewife
 ☐ Administrative
 ☐ Business
 ☐ Agriculture
 ☐ Unknown

☐ Technical
 ☐ Clerical
 ☐ Service
 ☐ Production related
 ☐ Not available

☒ Missing

9 Husband's Occupation:
 

☐ Unemployed
 ☐ Administrative
 ☐ Business
 ☐ Agriculture, Fisherman

☐ Unknown
 ☐ Technical
 ☐ Clerical
 ☐ Service

☐ Production related
 ☐ Not available
 ☒ Missing

10 Marital status:
 

☐ Unmarried
 ☐ Married
 ☐ Divorced
 ☐ Widow
 ☐ Unknown

☐ Not available
 ☒ Missing

11.1 # Gravida: Unknown 11.2 # Para: Unknown

11.3 # Abortion: Unknown 11.4 # Ectopics: Unknown

12 Distance to:
 

12.1 Health centre: (km) Unknown
 12.2 Government hospital: (km) Unknown

13 Travelling time to nearest:
 

13.1 Health centre: (hrs) (mnts) Unknown
 13.2 Government hospital: (hrs) (mnts) Unknown

14 EDD: (dd/mm/yyyy)
 

14.1 EDD by date: Unknown
 14.2 Corrected EDD: Unknown

[Meeting](#)
[Biodata](#)
[Death](#)
[Past h/o](#)
[ANC h/o](#)
[Delivery](#)
[Postpartum](#)
[Perioperative h/o](#)
[ALL](#)
[Save](#)

(\*\*)Double red asterisk indicates compulsory field  
 (#)Autofill from NOR Form (Applicable for Mortality 1)

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**Picture 1.26 NOR Patient Mortality Details form**

Please be informed that field with \*\* symbols are mandatory field and # symbols is for autofill from NOR form (Applicable for Mortality I) as show in Picture 1.26.

After completed the form, click on the **Save** button to save the data into the database.

The page will automatically go to Patient Mortality Anaesthetic Form as shown in Picture 1.27.

The Patient Mortality Anaesthetic form consists of 9 different sections that need to be filled in.

The screenshot displays the 'Patient Mortality Anaesthetic' form within the NOR web application. The top navigation bar includes 'Patient', 'Change Password', and 'Logout' buttons. The main form area is titled 'ANAESTHETIC' and contains several tabs: 'Details', 'Perioperative h/o', 'Anaesthetic', 'GA', 'Regional anaes', 'Intraoperative h/o', 'Recovery/Postoperative h/o', 'Transfer', 'ICU h/o', and 'ALL'. The 'Anaesthetic' tab is selected, showing a form for 'New Patient Mortality Anaes'. The form is divided into sections: 'PART I: BACKGROUND INFORMATION' and 'PART II: ANAESTHETIC INFORMATION'. The 'PART I' section includes fields for 'Date of referral' (11-06-2009), 'Status of hospital' (Government hospital with specialist), and 'Status of anaesthetist' (Consultant). The 'PART II' section includes fields for 'Time of referral' (24 hours), 'Status of hospital' (Private hospital with specialist), and 'Status of anaesthetist' (Consultant). The form also includes a 'Save' button at the bottom right. Below the form, there is a footer section with a 'Printer Friendly Page' link, copyright information (Copyright © 2009 CRC. All rights reserved), the company name 'Infotastique Sdn Bhd', and a note about browser support (This website supports Firefox version 2.0 & Microsoft Internet Explorer version 6.0 and above with 1024 x 768 resolution).

**Picture 1.27 Patient Mortality Anaesthetic Form**

After completed the form, click on the **Save** button and the patient would appear in the NOR / Mortality Notification List as shown in Picture 1.28.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

Patient Change Password Logout

59:38

**Patient Information**

|              |                      |                |                       |
|--------------|----------------------|----------------|-----------------------|
| Patient Name | NUR ISMA             | Office use     | 52                    |
| NRIC         | MyKad / Mykid        | 820227-01-5656 |                       |
|              | Other ID document No |                | Specify document type |

**NOR/Mortality Notification List**

| No. | Notification ID | NOR Reporting Centre Name | State Of Investigation             | State (occurrence)                 | Date Admission | Mother Status for Notification | Date of Death       | Period of Death | Place of Death | First Baby Delivery Date | Number of foetuses | Type Mortality                                                                                                                                                                                                                                                 |
|-----|-----------------|---------------------------|------------------------------------|------------------------------------|----------------|--------------------------------|---------------------|-----------------|----------------|--------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 88              | Hospital Kuala Lumpur     | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 11-06-2009     | Dead                           | 11-06-2009 11:30:00 | Intrapartum     | Health clinic  | 11-06-2009 11:30:00      | Singleton          | M1    |

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**Picture 1.28 NOR / Mortality Notification List**

To view patient's Mortality 1 information entered in NOR Mortality form, click on the blue View icon  on NOR/Mortality Notification List.

To update the patient's Mortality 1 information in NOR Mortality form, click on the blue Update icon  on NOR/Mortality Notification List.

To request delete a patient's Mortality 1 record, click on the blue request delete icon  on NOR/Mortality Notification List.

### 5.3.2 MMR Patient List

Search Section

testsmch - (State MCH)

Patient Change Password Logout

State Of Investigation: Equal to (S) Wilayah Persekutuan (Kuala Lumpur)

Reporting Centre Name: Equal to (S) Hospital Kuala Lumpur

Patient Id: Equal to (S)

Name: Whole word (S)

MyKad Num: Whole word (S)

Other Document Num: Whole word (S)

Show Show All

View

Update

Request Delete

View/ Update Mortality

| No. | Patient Id | Name       | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Mortality | Action                                                                                                                                                                                                                                                      |
|-----|------------|------------|-------------------|--------------------|--------------|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | S3         | NUR HAYATI | 840505-05-0506    |                    | Malay        | Missing  | 0/1           |    |
| 2   | S2         | NUR ISMA   | 820227-01-5656    |                    | Malay        | Missing  | 1/1           |    |

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Picture 1.29 Patient List / Search page

To View Patient Particulars, click on the blue View icon 

To update the patient's form, click on the blue Update icon  .

To request delete the patient's form, click on the blue Request Delete icon  .

### 5.3.3 MMR Unsubmitted Maternal Mortality 1 List

Patient (NOR)
Maternal Mortality (MMR)
Perinatal Mortality (PNMR)
Change Password
Logout

MMR Patient Verification

MMR Patient List

MMR Unsubmitted Maternal Mortality 1 List

Equal to (S) ▼

Equal to (S) ▼

Patient Id

Equal to (S) ▼

**NOR**  
National Obstetric Registry  
(NOR) web application

44: 51

testsmch - (State MCH)

Patient
Change Password
Logout

Reporting Centre Name  
Patient Id  
Name  
MyKad Num  
Other Document Num

Equal to (S) ▼

Equal to (S) ▼

Whole word (S) ▼

Whole word (S) ▼

Whole word (S) ▼

Hospital Kuala Lumpur ▼

Show

Show All

**Patient List with Incomplete Mortality 1**

| No. | Patient Id | Name     | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Mortality | Action |
|-----|------------|----------|-------------------|--------------------|--------------|----------|---------------|--------|
| 1   | 52         | NUR ISMA | 820227-01-5656    |                    | Malay        | Missing  | 1/0           |        |

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**Picture 1.30** Patient List with Incomplete Notification

This list shows the list of patients who have NOR form completed and patient status is ‘died’ but no Maternal Mortality 1 form entered.

To update the Maternal Mortality 1 form, click on the icon. After clicking the icon, user will be brought to Mortality Notification List.

**NOR**  
National Obstetric Registry  
(NOR) web application

44: 41

testsmch - (State MCH)

Patient
Change Password
Logout

**Patient Information**

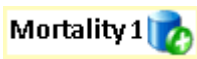
|              |                      |                       |    |
|--------------|----------------------|-----------------------|----|
| Patient Name | NUR ISMA             | Office use            | 52 |
| NRIC         | MyKad / Mykid        | 820227-01-5656        |    |
|              | Other ID document No | Specify document type |    |

**NOR/Mortality Notification List**

| No. | Notification ID | NOR Reporting Centre Name | State Of Investigation             | State (occurrence)                 | Date Admission | Mother Status for Notification | Date of Death       | Period of Death | Place of Death | First Baby Delivery Date | Number of foetuses | Type | Mortality   |
|-----|-----------------|---------------------------|------------------------------------|------------------------------------|----------------|--------------------------------|---------------------|-----------------|----------------|--------------------------|--------------------|------|-------------|
| 1   | 88              | Hospital Kuala Lumpur     | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 11-06-2009     | Dead                           | 01-06-2009 11:11:00 |                 |                | 11-06-2009 11:30:00      | Singleton          |      | Mortality 1 |

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**Picture 1.31** NOR/Mortality Notification List page

To add Mortality 1 form click icon  in NOR / Mortality Notification List. User will be brought to NOR Patient Mortality Details form as show in Picture 1.31



**General Information**

|   |                                      |               |                |                       |
|---|--------------------------------------|---------------|----------------|-----------------------|
| 1 | If died in Government, Hospital Name |               |                |                       |
| 2 | Patient Name                         | NUR ISMA      | Office use     | 52/88                 |
| 3 | NRIC                                 | MyKad / Mykid | 820227-01-5656 | Specify document type |
| 4 | Case no / Year: **                   |               |                |                       |
| 5 | District (occurrence) :              |               |                |                       |
| 6 | State (occurrence) :                 | 9999          |                |                       |

**Notification List** **Add Mortality 1**

**Meeting** **Biodata** **Death** **Past h/o** **ANC h/o** **Delivery** **Postpartum** **Perioperative h/o** **ALL** **Save**

**New Inpatient Mortality Details**

**SECTION A: MORTALITY MEETING**

|   |                                               |  |              |
|---|-----------------------------------------------|--|--------------|
| 1 | Date of District Maternal Mortality meeting : |  | (dd/mm/yyyy) |
| 2 | Date of State Maternal Mortality meeting :    |  | (dd/mm/yyyy) |
| 3 | Date of National Maternal Mortality meeting : |  | (dd/mm/yyyy) |

**Meeting** **Biodata** **Death** **Past h/o** **ANC h/o** **Delivery** **Postpartum** **Perioperative h/o** **ALL** **Save**

(\*\*)Double red asterisk indicates compulsory field  
 (#)Autofill from NOR form (Applicable for Mortality 1)

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**Picture 1.32 NOR Patient Mortality Details form**

The NOR Patient Mortality Details form consists of 8 different sections that need to be filled in.

# National Obstetrics Registry (NOR) Web Application - Version 1.01




**NOR** National Obstetric Registry  
(NOR) web application

59:58

testsmch - (State MCH)

[Patient](#) | [Change Password](#) | [Logout](#)

**General Information**

|   |                                      |                                                                         |                                            |
|---|--------------------------------------|-------------------------------------------------------------------------|--------------------------------------------|
| 1 | If died in Government, Hospital Name | <div style="border: 1px solid black; height: 15px; width: 100%;"></div> |                                            |
| 2 | Patient Name                         | NUR ISMA                                                                | Office use 52/88                           |
| 3 | NRIC                                 | MyKad / Mykid 820227-01-5656                                            | Other ID document No Specify document type |
| 4 | Case no / Year: **                   | <div style="border: 1px solid black; height: 15px; width: 100%;"></div> |                                            |
| 5 | District (occurrence) :              |                                                                         |                                            |
| 6 | State (occurrence) :                 | 9999                                                                    |                                            |

[Notification List](#) | [Add Mortality 1](#)

Save

[Meeting](#) | [Biodata](#) | [Death](#) | [Past h/o](#) | [ANC h/o](#) | [Delivery](#) | [Postpartum](#) | [Perioperative h/o](#) | [ALL](#)

**New Mortality Mortality Details**

SECTION B: BIODATA MOTHER

|      |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 1    | Name                         | NUR ISMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |
| 2    | NRIC :                       | MyKad : 820227-01-5656                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Specify document type (if others) : |
| 3    | Address :                    | <div style="border: 1px solid black; height: 15px; width: 100%;"></div> <div> Postcode : <div style="border: 1px solid black; height: 15px; width: 100px;"></div> District : <div style="border: 1px solid black; height: 15px; width: 150px;"></div> </div> <div> State : <div style="display: flex; flex-wrap: wrap; padding: 5px;"> <div style="width: 25%;"><input type="checkbox"/> Johor Darul Takzim</div> <div style="width: 25%;"><input type="checkbox"/> Pahang Darul Makmur</div> <div style="width: 25%;"><input type="checkbox"/> Sarawak</div> <div style="width: 25%;"><input type="checkbox"/> Wilayah Persekutuan (Labuan)</div> <div style="width: 25%;"><input type="checkbox"/> Kedah Darul Aman</div> <div style="width: 25%;"><input type="checkbox"/> Perak Darul Ridzuan</div> <div style="width: 25%;"><input type="checkbox"/> Selangor Darul Ehsan</div> <div style="width: 25%;"><input type="checkbox"/> Wilayah Persekutuan (Putrajaya)</div> <div style="width: 25%;"><input type="checkbox"/> Kelantan Darul Naim</div> <div style="width: 25%;"><input type="checkbox"/> Perlis Indera Kayangan</div> <div style="width: 25%;"><input type="checkbox"/> Terengganu Darul Iman</div> <div style="width: 25%;"><input type="checkbox"/> Foreigner</div> <div style="width: 25%;"><input type="checkbox"/> Melaka</div> <div style="width: 25%;"><input type="checkbox"/> Pulau Pinang</div> <div style="width: 25%;"><input type="checkbox"/> Wilayah Persekutuan (Kuala Lumpur)</div> <div style="width: 25%;"><input checked="" type="checkbox"/> Missing</div> <div style="width: 25%;"><input type="checkbox"/> Negeri Sembilan Darul Khusus</div> <div style="width: 25%;"><input type="checkbox"/> Sabah</div> </div> </div> <div> Foreigner, specify : <div style="border: 1px solid black; height: 15px; width: 150px;"></div> </div> |                                     |
| 4    | Date of birth : (dd/mm/yyyy) | 27-02-1982                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     |
| 5    | Ethnic group                 | Malay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |
| 6    | Status                       | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |
| 7    | Education                    | <input type="checkbox"/> Never attended <input type="checkbox"/> Primary school <input type="checkbox"/> Secondary school <input type="checkbox"/> College <input type="checkbox"/> University <input type="checkbox"/> Unknown<br><input type="checkbox"/> Not available <input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |
| 8    | Occupation                   | <input type="checkbox"/> Housewife <input type="checkbox"/> Administrative <input type="checkbox"/> Business <input type="checkbox"/> Agriculture <input type="checkbox"/> Unknown<br><input type="checkbox"/> Technical <input type="checkbox"/> Clerical <input type="checkbox"/> Service <input type="checkbox"/> Production related <input type="checkbox"/> Not available<br><input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |
| 9    | Husband's Occupation         | <input type="checkbox"/> Unemployed <input type="checkbox"/> Administrative <input type="checkbox"/> Business <input type="checkbox"/> Agriculture, Fisherman<br><input type="checkbox"/> Unknown <input type="checkbox"/> Technical <input type="checkbox"/> Clerical <input type="checkbox"/> Service<br><input type="checkbox"/> Production related <input type="checkbox"/> Not available <input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |
| 10   | Marital status :             | <input type="checkbox"/> Unmarried <input type="checkbox"/> Married <input type="checkbox"/> Divorced <input type="checkbox"/> Widow <input type="checkbox"/> Unknown<br><input type="checkbox"/> Not available <input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |
| 11.1 | Gravida :                    | <div style="border: 1px solid black; height: 15px; width: 50px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Unknown    |
| 11.2 | Para :                       | <div style="border: 1px solid black; height: 15px; width: 50px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Unknown    |
| 11.3 | Abortion :                   | <div style="border: 1px solid black; height: 15px; width: 50px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Unknown    |
| 11.4 | Ectopics :                   | <div style="border: 1px solid black; height: 15px; width: 50px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Unknown    |
| 12   | Distance to :                | 12.1 Health centre : <div style="border: 1px solid black; height: 15px; width: 50px;"></div> (km)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Unknown    |
| 12.2 | Government hospital :        | <div style="border: 1px solid black; height: 15px; width: 50px;"></div> (km)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Unknown    |
| 13   | Travelling time to nearest : | 13.1 Health centre : <div style="border: 1px solid black; height: 15px; width: 50px;"></div> (hrs) <div style="border: 1px solid black; height: 15px; width: 50px;"></div> (mnts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Unknown    |
| 13.2 | Government hospital :        | <div style="border: 1px solid black; height: 15px; width: 50px;"></div> (hrs) <div style="border: 1px solid black; height: 15px; width: 50px;"></div> (mnts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Unknown    |
| 14   | EDD : (dd/mm/yyyy)           | 14.1 EDD by date : <div style="border: 1px solid black; height: 15px; width: 100px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Unknown    |
| 14.2 | Corrected EDD:               | <div style="border: 1px solid black; height: 15px; width: 100px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Unknown    |

[Meeting](#) | [Biodata](#) | [Death](#) | [Past h/o](#) | [ANC h/o](#) | [Delivery](#) | [Postpartum](#) | [Perioperative h/o](#) | [ALL](#)

Save

(\*\*)Double asterisk indicates compulsory field  
 (#)Autofill from NOR Form (Applicable for Mortality I)

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**Picture 1.33 NOR Patient Mortality Details form**

Please be informed that field with \*\* symbols are mandatory field and # symbols is for autofill from NOR form (Applicable for Mortality I) as show in Picture 1.33.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

After completed the form, click on the **Save** button to save the data into the database and the page will automatically go to Patient Mortality Anaesthetic Form as shown in Picture 1.34.

The screenshot displays the 'Patient Mortality Anaesthetic Form' within the National Obstetrics Registry (NOR) web application. The interface features a yellow header with the NOR logo and navigation tabs for 'Patient', 'Change Password', and 'Logout'. Below the header, a 'testsmch - (State MCH)' label is visible. The form is divided into several sections: 'General Information' (Reporting Centre Name, Mother Name, NRIC), 'Notification List' (Mortality 1, Anaesthetic), and 'ANAESTHETIC' (Details, Perioperative h/o, Anaesthetic, GA, Regional anaes, Intraoperative h/o, Recovery/Postoperative h/o, Transfer, ICU h/o, ALL). The 'PART I BACKGROUND INFORMATION' section includes fields for Date of referral, Status of hospital, Status of anaesthetist, and Time of referral. A 'Save' button is located at the top right of the form. At the bottom, there is a 'Printer Friendly Page' link, copyright information, and the Infotastique Sdn Bhd logo.

**General Information**

|                         |                       |                       |        |
|-------------------------|-----------------------|-----------------------|--------|
| 1 Reporting Centre Name | Hospital Kuala Lumpur |                       |        |
| 2 Mother Name           | NUR ISMA              | Office use            | 52/ 88 |
| 3 NRIC                  | MyKad / MyKid         | 820227-01-5656        |        |
|                         | Other ID document No  | Specify document type |        |

**Notification List** | **Mortality 1** | **Anaesthetic**

**ANAESTHETIC** **Save**

**Details** | **Perioperative h/o** | **Anaesthetic** | **GA** | **Regional anaes** | **Intraoperative h/o** | **Recovery/Postoperative h/o** | **Transfer** | **ICU h/o** | **ALL**

**New Patient Mortality Anaes**

**PART I BACKGROUND INFORMATION**

Q1 Date of referral : (dd/mm/yyyy) 11-06-2009 ☐ Unknown Q2 Time of referral : (24 hours) ☒ Unknown

Q3 Status of hospital : ☐ Government hospital with specialist ☐ Private hospital with specialist  
☐ Government hospital without specialist ☐ Other  
☐ Private hospital without specialist ☐ Not available  
☐ Missing  
Others, specify

Q4 Status of anaesthetist : ☐ Consultant  
☐ Clinical specialist  
☐ Registrar/ Medical officer in training  
☐ Medical officer with >1 year anaesthesia experience  
☐ Medical officer with <1 year anaesthesia experience  
☐ Medical officer with <6 months anaesthesia experience  
☐ Medical assistant  
☐ Not available  
☐ Missing  
If Registrar/ Medical officer in training or Medical officer with >1 year anaesthesia experience or Medical officer with <1 year anaesthesia experience or Medical officer with <6 months anaesthesia experience or Medical assistant

Q5 Did you consult your specialist about the case : ☐ Yes  
☐ No  
☐ Unknown  
☐ Not available  
☐ Missing

**Details** | **Perioperative h/o** | **Anaesthetic** | **GA** | **Regional anaes** | **Intraoperative h/o** | **Recovery/Postoperative h/o** | **Transfer** | **ICU h/o** | **ALL** **Save**

(\*\*)Double asterisk indicates compulsory field

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**Picture 1.34 Patient Mortality Anaesthetic Form**

The Patient Mortality Anaesthetic form consists of 9 different sections that need to be filled in.

After completed the form, click on the **Save** button and the patient would appear in the NOR/Mortality Notification List as shown in Picture 1.35.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

Patient Change Password Logout

59:38

**Patient Information**

|              |                      |                |                       |
|--------------|----------------------|----------------|-----------------------|
| Patient Name | NUR ISMA             | Office use     | 52                    |
| NRIC         | MyKad / Mykid        | 820227-01-5656 |                       |
|              | Other ID document No |                | Specify document type |

**NOR/Mortality Notification List**

| No. | Notification ID | NOR Reporting Centre Name | State Of Investigation             | State (occurrence)                 | Date Admission | Mother Status for Notification | Date of Death       | Period of Death | Place of Death | First Baby Delivery Date | Number of foetuses | Type | Mortality                                                                                                                                                                                                                                                   |
|-----|-----------------|---------------------------|------------------------------------|------------------------------------|----------------|--------------------------------|---------------------|-----------------|----------------|--------------------------|--------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 88              | Hospital Kuala Lumpur     | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 11-06-2009     | Dead                           | 11-06-2009 11:30:00 | Intrapartum     | Health clinic  | 11-06-2009 11:30:00      | Singleton          | M1   |    |

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**Picture 1.35 NOR / Mortality Notification List**

To view patient's Mortality 1 information entered in NOR Mortality form, click on the blue View icon  on NOR/Mortality Notification List.

To update the patient's Mortality 1 information in NOR Mortality form, click on the blue Update icon  on NOR/Mortality Notification List.

To request delete a patient's Mortality 1 record, click on the blue request delete icon  on NOR/Mortality Notification List.

## 5.4 Perinatal Mortality (PNMR)

### 5.4.1 PNMR Patient Verification

Before registering a perinatal mortality patient, please verify that perinatal mortality patient has not been registered in the system before by clicking on Perinatal Mortality (PNMR) → PNMR Patient Verification

**Perinatal Mortality (PNMR) Patient Verification**

PNMR Patient Verification  
 PNMR Patient List  
 Reporting Centre Name

Equal to (S)

4:41:52

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2** to register a new PNMR notification.
3. If a record is found in the list below, click on the to complete the form that has been registered before.

**Search / Filter**

Name  Whole word (S)

MyKad / MyKad Num  Whole word (S)

Other Document Num  Whole word (S)

(Please key in with dash, eg. 571231-12-3456)

Please enter value for at least one the field to search (e.g Name, MyKad Num, Other Document Num).

| No. | PNM Patient ID | Source | Name | MyKad / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center | Investigation District | Investigation State | Date of Delivery | Case No | Year | Date of death | Stillbirth Type | Completed Action |
|-----|----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|
|-----|----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|

Picture 1.36 NOR / Maternal Mortality List

In the 'Verification' section, search the patient by type in either the Name, or MyKad Num or Other Document Num of the patient.

If the perinatal mortality patient exists in the database (i.e. Patient is shown in the perinatal mortality patient list), check if the record is referring to the same baby that you wish to register. If it is the same, click on Update button of the perinatal mortality patient to update the patient's perinatal mortality form. If it is not the same, click on the Add Perinatal Mortality 2 button

# National Obstetrics Registry (NOR) Web Application - Version 1.01

4 4 : 4 9

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

[Patient \(NOR\)](#) [Perinatal Mortality \(PNMR\)](#) [Change Password](#) [Logout](#)

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2**  to register a new PNMR notification.
3. If a record is found in the list below, click on the  to complete the form that has been registered before.

**Search / Filter**

Name

MyKid / MyKad Num

Other Document Num  (Please key in with dash, eg. 571231-12-3456)

[Show](#) [Show All](#)

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | Patient ID | Source | Name          | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center      | Investigation District             | Investigation State                | Date of Delivery    | Case No | Year | Date of death       | Stillbirth Type                                       | Completed Action                                                                                                                                                        |
|---------|------------|--------|---------------|-------------------|--------------------|-----------------------------------|----------------------|-----------------------|------------------------------------|------------------------------------|---------------------|---------|------|---------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | 3          | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Missing                            | Missing                            | 02-03-2010 04:37:00 |         |      | 02-03-2010 04:38:00 | Macerated stillbirth (>=500g or >=22 weeks gestation) |   |
| 2       | 4          | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 02-03-2010 04:45:00 | 1       | 2010 | 02-03-2010 00:00:00 | Fresh stillbirth (>=500g or >=22 weeks gestation)     |   |

If perinatal mortality patient doesn't exist (i.e. Perinatal mortality patient is NOT shown in the list), click on the blue 'Perinatal Mortality 2' icon in Picture 1.11 to register a new perinatal mortality patient.

4 4 : 4 9

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

[Patient \(NOR\)](#) [Perinatal Mortality \(PNMR\)](#) [Change Password](#) [Logout](#)

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2**  to register a new PNMR notification.
3. If a record is found in the list below, click on the  to complete the form that has been registered before.

**Search / Filter**

Name

MyKid / MyKad Num

Other Document Num  (Please key in with dash, eg. 571231-12-3456)

[Show](#) [Show All](#)

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | Patient ID | Source | Name | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center | Investigation District | Investigation State | Date of Delivery | Case No | Year | Date of death | Stillbirth Type | Completed Action |
|---------|------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|
|---------|------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|

After clicking on the blue icon, user will be brought to Perinatal Mortality Form as shown in Picture 1.37.

The Perinatal Mortality Form consists of 6 different sections that need to be filled in. Note: Please be informed that field with \*\* symbols are mandatory field, whereas field marked with # symbols are auto-populated from NOR form.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

Picture 1.37 Perinatal Mortality Form

After completing the form, click on the **Save** button to save the data.

### 5.4.2 PNMR Patient List

To search for a perinatal mortality patient, select 'PNMR Patient List' under the 'Perinatal Mortality (PNMR)' toolbar.

In the 'Search' section (Picture 1.38) search the patient by filling in the selection criteria. This list is for viewing and searching for the patients in your centre only.

Picture 1.38 Perinatal mortality List / Search page

To View Perinatal Mortality details, click on the blue View icon

To update the perinatal mortality form, click on the blue Update icon .

## 6 STEP BY STEP USING NOR WEB APPLICATION – STATE CONSULTANT

### 6.1 NOR / Maternal Mortality Patient List

After Login, the NOR / Maternal Mortality Patient List will appear first.

Instructions:  
To register a new patient, please click [here](#).  
To update existing patients, please click on [this](#).  
In the next page that appears, click on the [link](#).

Search / Filter

Reporting Centre Name: Equal to (S) [dropdown]  
Patient Id: Equal to (S) [dropdown]  
Name: Whole word (S) [dropdown]  
MyKad Num: Whole word (S) [dropdown]  
Other Document Num: Whole word (S) [dropdown]  
Date of Admission: By Range [dropdown]  
Date of Delivery: By Range [dropdown]

From [calendar] To [calendar]  
From [calendar] To [calendar]

Show Show All

| No. | Patient Id | Name   | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action                                                               |
|-----|------------|--------|-------------------|--------------------|--------------|----------|------------------------|----------------------------------------------------------------------|
| 1   | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  | 0/1                    | <a href="#">Print</a> <a href="#">Refresh</a> <a href="#">Delete</a> |

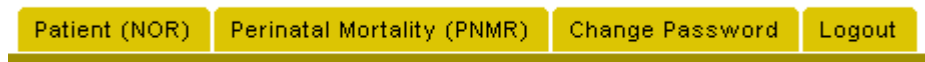
[Printer Friendly Page](#)

Picture 1.39 NOR / Maternal Mortality Patient List

### Navigation Toolbars

On top of each page there are 4 menu navigation toolbars which include:

- Patient (NOR)
- Perinatal Mortality (PNMR)
- Change Password
- Logout



Picture 1.40 Navigation Toolbars

## 6.2 Patient (NOR)

### 6.2.1 NOR Patient Verification

Before registering a patient, please verify that patient has not been registered in the system before by clicking on Patient (NOR) → NOR Patient Verification

**Patient (NOR)** **Perinatal Mortality (PNMR)** **Change Password** **Logout**

NOR Patient Verification ←

NOR Patient List

PNMR Unsubmitted Perinatal Mortality 1 List

NOR Unsubmitted Baby Form List

Equal to (S) ▼

Equal to (S) ▼

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps :

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the to register a new NOR patient notification.
3. If a record is found in the list below, click on the to enter the NOR/PNMR Notification List. Further instruction is available on the page.

**Search / Filter section**

Name:  Whole word (S) ▼

MyKad Num:  Whole word (S) ▼

Other Document Num:  Whole word (S) ▼

(Please key in with dash, eg. 571231-12-3456)

**Search**

Please enter value for at least one the field to search (e.g Name, MyKad Num, Other Document Num).

| No. | Patient Id | Name          | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion     | NOR/Maternal Mortality | Action |
|-----|------------|---------------|-------------------|--------------------|--------------|--------------|------------------------|--------|
| 1   | 97129      | TEST MOTHER 3 | 740321-01-1120    |                    | Chinese      | Christianity | 1/0                    |        |

Picture 1.41 NOR / Maternal Mortality Patient List

In the 'Verification' section, search the patient by type in either the Name, or MyKad Num or Other Document Num of the patient.

If the patient exists in the database (i.e. Patient is shown in the patient list), click on NOR button of the patient to view the list of notification for that patient.

**NOR / Maternal Mortality Patient List**

| No. | Patient Id | Name          | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion     | NOR/Maternal Mortality | Action |
|-----|------------|---------------|-------------------|--------------------|--------------|--------------|------------------------|--------|
| 1   | 97129      | TEST MOTHER 3 | 740321-01-1120    |                    | Chinese      | Christianity | 1/0                    |        |

If patient doesn't exist (i.e. Patient is NOT shown in the patient list), click on the blue icon



in Picture 1.41 to register a new patient.

After click on blue icon, user will be brought to Mother National Obstetrics Registry Form as shown in Picture 1.42.

The Mother National Obstetrics Registry Form consists of 7 different sections that need to be filled in.

Note: Please be informed that field with \*\* symbols are mandatory field.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

**NOR** National Obstetric Registry (2009 web application)

testsd - (Site Doctor)

[Patient](#) | [Change Password](#) | [Logout](#)

---

**General Information**

1. Reporting Centre Name:  [Save](#)

**MOTHER** [Registration](#) | [Medical h/o](#) | [Past obst h/o](#) | [Present obst h/o](#) | [Admission](#) | [Booking](#) | [Complications](#) | [ALL](#)

**SECTION 1: PATIENT REGISTRATION - MOTHER DETAILS**

1. Date Admission:

2. Name:

3. NRIC:   
 Other ID document No.:   
 Specify document type (if others): ☐ Passport ☐ Armed Force ID ☐ Work Permit ☐ Drivers License ☐ Police ID Card ☐ Old IC  
☐ Not available ☐ Missing

4. Address:   
 Postcode:  District:   
 State: ☐ Johor Darul Ta'zim ☐ Pahang Darul Makmur ☐ Sarawak ☐ Wilayah Persekutuan (Labuan)  
☐ Kedah Darul Aman ☐ Perak Darul Ridzuan ☐ Selangor Darul Ehsan ☐ Wilayah Persekutuan (Putrajaya)  
☐ Kelantan Darul Naim ☐ Perlis Indera Kayangan ☐ Terengganu Darul Iman ☐ Foreigner ☐ Missing  
☐ Melaka ☐ Pulau Pinang ☐ Wilayah Persekutuan (Kuala Lumpur)  
☐ Negeri Sembilan Darul Khusus ☐ Sabah  
 Foreigner, specify:

5. MRN:

6. Date of Birth:  7. Age (years):  (Autocalculated)

8. Marital Status: ☐ Married ☐ Divorced ☐ Widowed ☐ Unknown ☐ Not available ☒ Missing

9. Ethnic group: ☐ Malay ☐ Kadazan/Dusun ☐ Melanau ☐ Orang Asli (Peninsular Malaysia) ☐ Other  
☐ Chinese ☐ Murut ☐ Iban ☐ Other indigenous group in Sabah & Sarawak ☐ Unknown  
☐ Indian ☐ Bajau ☐ Bidayuh ☐ Not Available ☒ Missing  
 Others, specify:

10. Religion: ☐ Islam ☐ Christianity ☐ Buddhism ☐ Hinduism ☐ Other, specify  
☐ Not available ☒ Missing  
 Others, specify:

11. Status: ☐ Citizen ☐ Non-citizen (legal) ☐ Non-citizen (illegal) ☐ Unknown ☐ Not available ☒ Missing  
 If Non-citizen (legal) or Non-citizen (illegal)  
 Country of origin: ☐ Indonesia ☐ Thailand ☐ Other  
☐ Philippines ☐ India ☐ Unknown  
☐ Not available ☐ Missing  
 Others, specify:

[Registration](#) | [Medical h/o](#) | [Past obst h/o](#) | [Present obst h/o](#) | [Admission](#) | [Booking](#) | [Complications](#) | [ALL](#) [Save](#)

(\*\*)Double red asterisk indicates compulsory field

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**Picture 1.42** Mother National Obstetrics Registry Form

After completing the form, click on the [Save](#) button to save the data into the database

After saving Mother National Obstetrics Registry Form the page will automatically go to Baby Form as shown in Picture 1.43. The number of Baby pages to enter depends on the number of fetuses in Mother National Obstetrics Registry Form, Section 5: Patient (Mother) Admission Details No .2

The Baby Form consists of 5 different sections that need to be filled in.

## National Obstetrics Registry (NOR) Web Application - Version 1.01



**NOR** National Obstetric Registry  
(NOR) web application

59:38

testsd - (Site Doctor)

Patient
Change Password
Logout

**General Information**

|   |                       |                              |                      |
|---|-----------------------|------------------------------|----------------------|
| 1 | Reporting Centre Name | Hospital Kuala Lumpur        |                      |
| 2 | Mother Name           | NUR ISMA                     | Office use 52/88     |
| 3 | NRIC                  | MyKad / Mykid 820227-01-5656 | Other ID document No |
|   |                       | Specify document type        |                      |

Notification List
NOR Form
Baby 1
Mother Discharge

**BABY**

Details
ECV
Delivery
Complications
Others
Audit Information
ALL

**Update Patient Notification Baby**

**SECTION 1: BABY DETAILS**

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |                                  |                                                                                                                                                                 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Baby number :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2 | BBA (born before arrival) :      | <input type="checkbox"/> Yes<br><input type="checkbox"/> Not available<br><input checked="" type="checkbox"/> No<br><input checked="" type="checkbox"/> Missing |
| 3 | Date of delivery :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="text"/> <input type="checkbox"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | 4                                | Time of delivery :                                                                                                                                              |
| 5 | Outcome :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | a) ICD 10 at diagnosis : <input type="text"/><br>Specify : <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |                                  |                                                                                                                                                                 |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | b) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Alive<br/> <input type="checkbox"/> Dead<br/> <input type="checkbox"/> Unknown<br/> <input type="checkbox"/> Not available<br/> <input checked="" type="checkbox"/> Missing             </div> <div style="width: 50%;"> <input type="checkbox"/> Early neonatal death (age:0-6days)<br/> <input type="checkbox"/> Late neonatal death (age:7-27days)<br/> <input type="checkbox"/> Other<br/> <input type="checkbox"/> Not available             </div> </div> |   |                                  |                                                                                                                                                                 |
|   | If Alive<br>i) Apgar scoring at 1 min (1-10) : <input type="text"/> ii) Apgar scoring at 5 min (1-10) : <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |                                  |                                                                                                                                                                 |
|   | If Dead: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> FSB<br/> <input type="checkbox"/> MSB<br/> <input type="checkbox"/> Abortion<br/> <input type="checkbox"/> Ectopic<br/> <input checked="" type="checkbox"/> Missing             </div> <div style="width: 50%;"> <input type="checkbox"/> Early neonatal death (age:0-6days)<br/> <input type="checkbox"/> Late neonatal death (age:7-27days)<br/> <input type="checkbox"/> Other<br/> <input type="checkbox"/> Not available             </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |                                  |                                                                                                                                                                 |
|   | Date of death :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   | <input type="checkbox"/> Unknown |                                                                                                                                                                 |
|   | Time of death :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   | <input type="checkbox"/> Unknown |                                                                                                                                                                 |
|   | Others, specify : <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |                                  |                                                                                                                                                                 |
| 6 | Sex :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Male<br><input type="checkbox"/> Female<br><input type="checkbox"/> Ambiguous/Indeterminate<br><input type="checkbox"/> Not available<br><input checked="" type="checkbox"/> Missing                                                                                                                                                                                                                                                                                                                                                       |   | 7                                | Weight                                                                                                                                                          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |                                  | <input type="text"/>                                                                                                                                            |
| 8 | Discharge To                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Mother<br><input type="checkbox"/> Not available<br><input type="checkbox"/> Admitted to NICU<br><input checked="" type="checkbox"/> Missing<br><input type="checkbox"/> Nursery                                                                                                                                                                                                                                                                                                                                                           |   |                                  |                                                                                                                                                                 |

Details
ECV
Delivery
Complications
Others
Audit Information
ALL

(\*\*)Double red asterisk indicates compulsory field

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**Picture 1.43** Baby National Obstetrics Registry Form

After saving Baby National Obstetrics Registry Form the page will automatically go to Mother Discharge Summary Form as shown in Picture 1.44.

## National Obstetrics Registry (NOR) Web Application - Version 1.01




**NOR** National Obstetric Registry  
(NOR) web application

56:33

testsd - (Site Doctor)

[Patient](#) | [Change Password](#) | [Logout](#)

**General Information**

|                         |                       |                |                       |
|-------------------------|-----------------------|----------------|-----------------------|
| 1 Reporting Centre Name | Hospital Kuala Lumpur |                |                       |
| 2 Patient Name          | NUR ISMA              | Office use     | 52/ 88                |
| 3 NRIC                  | MyKad / Mykid         | 820227-01-5656 |                       |
|                         | Other ID document No  |                | Specify document type |

[Notification List](#) | [NOR Form](#) | [Baby 1](#) | **[Mother Discharge](#)**

Save

[Discharge h/o](#) | [Audit Information](#) | [ALL](#)

Update NOR Mother Discharge Summary

SECTION 1: MOTHER DISCHARGE SUMMARY

1 \*\* Mother Status :

a) ICD 10

1

ICD 10, specify

b)

☐ Alive  
☒ Dead  
☐ Not available  
☐ Missing

If Dead : \*\*

i) Date of death : \*\*

11-06-2009

Unknown

ii) Dead time : \*\*

12:00

Unknown

iii) Provisional cause of death : \*\*

☐ Postpartum hemorrhage  
☐ HPT disorder of pregnancy  
☐ Obstetric embolism

☐ Heart disease in pregnancy  
☐ Sepsis  
☒ Others, specify  

Test

iv) Post-mortem :

☐ Yes  
☒ Missing

☐ Limited  
☐ No

v) Place of death : \*\*

☒ Labour room  
☐ HDU  
☐ Missing

☐ ICU  
☐ Obstetric ward

☐ Other  
☐ Not available

Others, specify

vi) State of death : \*\*

☐ Johor Darul Takzim  
☐ Kedah Darul Aman  
☐ Kelantan Darul Naim  
☐ Melaka  
☐ Negeri Sembilan Darul Khusus

☐ Pahang Darul Makmur  
☐ Perak Darul Ridzuan  
☐ Perlis Indera Kayangan  
☐ Pulau Pinang  
☐ Sabah

☐ Sarawak  
☐ Selangor Darul Ehsan  
☐ Terengganu Darul Iman  
☒ Wilayah Persekutuan (Kuala Lumpur)

☐ Wilayah Persekutuan (Labuan)  
☐ Wilayah Persekutuan (Putrajaya)  
☐ Foreigner  
☐ Missing

vii) State of Investigation

[Discharge h/o](#) | [Audit Information](#) | [ALL](#)

Save

(\*\*)Double red asterisk indicates compulsory field

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**Picture 1.44 Mother Discharge Summary**

After saving Mother Discharge Summary Form; and if any of the patient's baby fulfils the criteria below, the page will automatically go to List of Baby for Perinatal Mortality Registry (PNMR) reporting as shown in Picture 1.44a.

Criteria to be eligible to submit to Perinatal Mortality Registry (PNMR I):

4. Baby's outcome: Dead
5. Baby's Type of Death: Macerated / Fresh stillbirth
6. Baby's weight: > 500 gm

44

## National Obstetrics Registry (NOR) Web Application - Version 1.01

4 4 : 5 2

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**General Information**

|                         |                       |                |                                                    |
|-------------------------|-----------------------|----------------|----------------------------------------------------|
| 1 Reporting Centre Name | Hospital Kuala Lumpur |                |                                                    |
| 2 Mother Name           | TEST MOTHER 3         | Office use     | 97129/ 97395                                       |
| 3 NRIC                  | MyKad / Mykid         | 740321-01-1120 | Other ID document No                               |
|                         | Specify document type | Missing        | Specify document type (if others) - Others specify |

Notification List NOR Form Baby 1 Baby 2 Mother Discharge **MNCM - PNMR1**

1. Click below to build the PDF file which will auto insert data from NOR form into PNMR form.  
 2. A PDF file icon will appear below. Click on the icon. If you do not have acrobat reader installed, please click [here](#) to download.  
 3. A File Download popup will appear. Click Open to view and check that all data required for PNMR reporting has been filled. Note that you will not be able to Submit PDF to PNMR if data is incomplete. Warning! Once submitted to PNMR, the PNMR data will not be editable anymore. Please check carefully.  
 4. Click on to submit the data to MNCM-PNMR.

**List of Baby for Perinatal Mortality Registry (PNMR) reporting. Criteria: Baby died, Stillbirth, >=500g or >=22 weeks gestation**

| No. | Baby number | Date/Time of delivery | Outcome | If Dead (FBS / MSB)                                   | Notif Baby ID | Notif ID | PNMR PDF Built                      | PDF File                                                                           | Submitted PNMR                      | PNMR PDF Built Date | PNMR Date Submit    | PNMR PDF built By | PNMR Submit By |
|-----|-------------|-----------------------|---------|-------------------------------------------------------|---------------|----------|-------------------------------------|------------------------------------------------------------------------------------|-------------------------------------|---------------------|---------------------|-------------------|----------------|
| 1   | 1           | 02-03-2010 04:37:00   | Dead    | Macerated stillbirth (>=500g or >=22 weeks gestation) | 98251         | 97395    | <input checked="" type="checkbox"/> |  | <input checked="" type="checkbox"/> | 09-03-2010 10:20:42 | 09-03-2010 10:23:33 | kldr              | kldr           |
| 2   | 2           | 02-03-2010 04:45:00   | Dead    | Fresh stillbirth (>=500g or >=22 weeks gestation)     | 98252         | 97395    | <input checked="" type="checkbox"/> |  | <input checked="" type="checkbox"/> | 09-03-2010 10:29:01 | 09-03-2010 10:29:09 | kldr              | kldr           |

**Picture 1.44a** List of Baby for Perinatal Mortality Registry (PNMR) reporting

Click on the PDF icon to generate PDF version of the Perinatal Mortality Form for verification purposes. A pdf icon will appear. Click on the pdf icon to open the form and check if the data is ok and accurate. If data is ok, close the pdf file and click on 'Submit PDF' button to submit the PNMR data to the MNCM-PNMR registry. If the data is not ok, close the pdf file and return to update the NOR form. Once completed, click on the 'Submit to PNMR' to submit the record to Perinatal Mortality Registry.

To return to the patient's notification list, click on the Notification List tab and the patient's notification list will appear as shown in Picture 1.45.

4 4 : 5 3

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

A. Add a new notification (different delivery date from the existing record), click on the . Basic data of the person will be auto entered to the new notification.  
 B. To Update an existing notification, click on the   
 C. To View an existing notification, click on the   
 D. To Request delete for a wrongly entered record, click on the 

**Patient Information**

|              |                       |                |                                                    |
|--------------|-----------------------|----------------|----------------------------------------------------|
| Patient Name | TEST MOTHER 3         | Office use     | 97129                                              |
| NRIC         | MyKad / Mykid         | 740321-01-1120 | Other ID document No                               |
|              | Specify document type | Missing        | Specify document type (if others) - Others specify |

**Add new NOR Notification**

**NOR/Maternal Mortality (PNMR) Notification List**

| No. | Notification ID | Date Admission | Date of delivery | NOR Reporting Centre Name | State Of Investigation | State (occurrence) | Mother Status for Notification | Number of foetuses | Date of Death | Period of Death (Maternal Mortality) | Place of Death (Maternal Mortality) | Type NOR                                                                                                                                                                                                                                                          |
|-----|-----------------|----------------|------------------|---------------------------|------------------------|--------------------|--------------------------------|--------------------|---------------|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 97395           | 01-03-2010     | 02-03-2010       | Hospital Kuala Lumpur     | Missing                | Missing            | Alive                          | Twins              |               |                                      |                                     |    |

**Picture 1.45** NOR Notification Form List

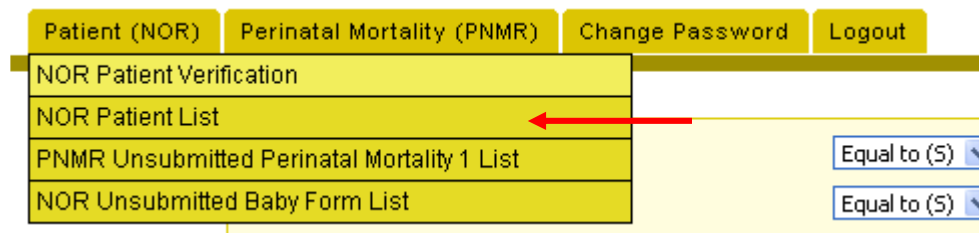
To view patient's information entered in NOR Notification form, click on the blue View icon  on NOR Notification List.

To update the patient's information in NOR Notification form, click on the blue Update icon  on NOR Notification List.

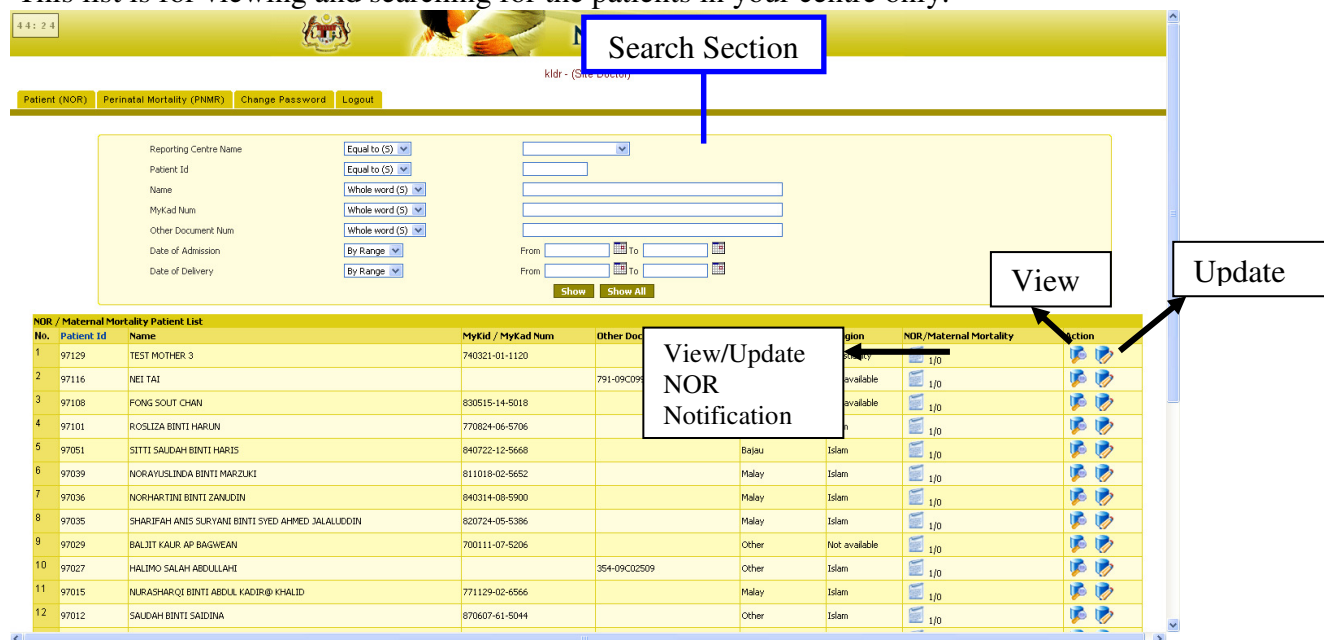
To delete a patient's NOR record, click on the blue request delete icon  on NOR Notification List.

## 6.2.2 NOR Patient List

To search for your centre's patient, select 'Patient List' under the 'Patient' toolbar.



In the 'Search' section (Picture 1.46) search the patient by filling in the selection criteria. This list is for viewing and searching for the patients in your centre only.



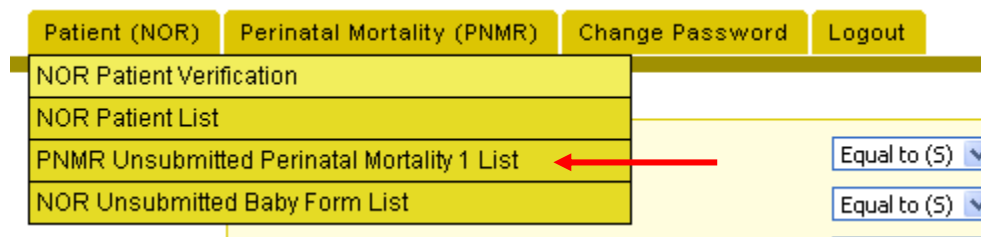
Picture 1.46 NOR / Maternal Mortality Patient List

To View Patient Particulars, click on the blue View icon

To update the patient's form, click on the blue Update icon

To View/Update NOR Notification data, click on the NOR Notification icon 1/0

## 6.2.3 PNMR Unsubmitted Perinatal Mortality 1 List



# National Obstetrics Registry (NOR) Web Application - Version 1.01

33:07



NORNational Obstetric Registry  
(NOR) web application

klhp - (Family Health Physician FHP)

Patient (NOR)Maternal Mortality (MMR)Perinatal Mortality (PNMR)ReportChange PasswordLogout

Instructions

To register a new patient, please click [here](#).

To update existing patients, please click on .

In the next page that appears, click on the .

Search / Filter

State Of Investigation

Equal to (S)

Wilayah Persekutuan (Kuala Lumpur)

Reporting Centre Name

Equal to (S)

Patient Id

Equal to (S)

Name

Whole word (S)

test 1

MyKad Num

Whole word (S)

Other Document Num

Whole word (S)

Date of Admission

By Range

From To

Date of Delivery

By Range

From To

Show

Show All

NOR / Maternal Mortality Patient List

| No. | Patient Id | Name   | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality                                                                  | Action                                                                              |
|-----|------------|--------|-------------------|--------------------|--------------|----------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1   | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  |  0/1 |  |

[Printer Friendly Page](#)

This list shows the list of patients who have NOR form completed and patient's baby status is 'died' but no Perinatal Mortality 1 form entered.

## 6.3 Maternal Mortality (MMR)

### 6.3.1 MMR Patient List

Patient (NOR)
Maternal Mortality (MMR)
Perinatal Mortality (PNMR)
Report
Data Download
Change Password
Logout

MMR Patient List
MMR Unsubmitted Maternal Mortality 1 List

Instruction:

44: 37

NOR
National Obstetric Registry (NOR) web application

Klstatecon - (State Consultant)

Patient (NOR)
Maternal Mortality (MMR)
Perinatal Mortality (PNMR)
Report
Data Download
Change Password
Logout

Search Section

Instruction:
To register a new patient, please click [here](#)
To update existing patients, please click on [the next icon that appears](#) click on the [next icon that appears](#)

Search / Filter
Reporting Centre Name
Patient Id
Name
MyKad Num
Other Document Num
Date of Admission
Date of Delivery

Equal to (S)
Whole word (S)
By Range

From
To

Show
Show All

NOR / Maternal Mortality Patient List

| No. | Patient Id | Name                                              | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion      | NOR / Maternal Mortality | Action                                                                                                                                                                                                                                                            |
|-----|------------|---------------------------------------------------|-------------------|--------------------|--------------|---------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 97133      | TEST 1                                            |                   | OTHER ID           | Murut        | Missing       | 0/1                      |          |
| 2   | 97129      | TEST MOTHER 3                                     | 740321-01-1120    |                    | Chinese      | Christianity  | 1/0                      |          |
| 3   | 97128      | TEST MOTHER 2                                     |                   | 9998               | Murut        | Christianity  | 1/0                      |          |
| 4   | 97127      | TEST MOTHER 1                                     | 690630-01-2124    |                    | Chinese      | Buddhism      | 1/0                      |          |
| 5   | 97116      | NEI TAI                                           |                   | 791-09C09950       | Other        |               | 1/0                      |       |
| 6   | 97108      | PONG SOUT CHAN                                    | 830515-14-5018    |                    | Chinese      |               | 1/0                      |    |
| 7   | 97101      | ROSILZA BINTI HARUN                               | 770824-06-5706    |                    | Malay        |               | 1/0                      |    |
| 8   | 97051      | SITTI SAUDAH BINTI HARIS                          | 940722-12-5668    |                    | Bajau        | Islam         | 1/0                      |    |
| 9   | 97039      | NORAYUSLINDA BINTI MARZUKI                        | 811018-02-5652    |                    | Malay        | Islam         | 1/0                      |    |
| 10  | 97036      | NORHARTINI BINTI ZANUDDIN                         | 940314-08-5900    |                    | Malay        | Islam         | 1/0                      |    |
| 11  | 97035      | SHARIFAH ANIS SURYANI BINTI SYED AHMED JALALUDDIN | 820724-05-5386    |                    | Malay        | Islam         | 1/0                      |    |
| 12  | 97029      | BALJIT KAUR AP BAGWEAN                            | 700111-07-5206    |                    | Other        | Not available | 1/0                      |    |
| 13  | 97027      | HALIMO SALAH ABDULLAH                             |                   | 354-09C02509       | Other        | Islam         | 1/0                      |    |
| 14  | 97015      | NURASHARQI BINTI ABUL KADIR@ KHALID               | 771129-02-6566    |                    | Malay        | Islam         | 1/0                      |    |
| 15  | 97012      | SAUDAH BINTI SAIDINA                              | 870607-61-5044    |                    | Other        | Islam         | 1/0                      |    |
| 16  | 97001      | AZLINA BINTI AZHAR                                | 880609-56-5510    |                    | Malay        | Islam         | 1/0                      |    |
| 17  | 96982      | NORAINI BINTI MOHD NOR                            | 690507-10-6244    |                    | Malay        | Islam         | 1/0                      |    |
| 18  | 96977      | NORLIZA BINTI AMIRUDDIN                           | 810105-10-5584    |                    | Malay        | Islam         | 1/0                      |    |
| 19  | 96957      | SALEHA                                            |                   | P011828            | Other        | Islam         | 1/0                      |    |
| 20  | 96945      | WAN NURHIDAYAH BINTI WAN NOORDIN                  | 830912-71-5096    |                    | Malay        | Islam         | 1/0                      |    |

8170 records
page 1 of 409
1 2 3 4 5 6 7 8 9 10 >> << 1

View Mortality

Picture 1.47 MMR Patient List

To View Patient Particulars, click on the blue View icon 

To Update Patient Particulars, click on the blue Update icon 

To View Mortality data, click on the NOR / Maternal Mortality icon  1/0

### 6.3.2 MMR Unsubmitted Maternal Mortality 1 List

4.4.1: 5.2

kistatecon - (State Consultant)

Search / Filter

Reporting Centre Name: Equal to (S)

Patient Id: Equal to (S)

Name: Whole word (S)

MyKad Num: Whole word (S)

Other Document Num: Whole word (S)

TEST\_20091104

Show Show All

| No. | Patient Id | Name          | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Mortality | Action                                                                                                                                                                                                                                                      |
|-----|------------|---------------|-------------------|--------------------|--------------|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 44574      | TEST_20091104 | 820224-02-5656    |                    | Malay        | Islam    | 1/0           |    |

**Picture 1.48** *Patient List with Incomplete Notification*

This list shows the list of patients who have NOR form completed and patient status is 'died' but no Mortality 1 form entered.

To view patient's Mortality 1 information entered in NOR Mortality form, click on the blue View icon  on NOR/Mortality Notification List.

## 6.4 Perinatal Mortality (PNMR)

### 6.4.1 PNMR Patient Verification

Before registering a perinatal mortality patient, please verify that perinatal mortality patient has not been registered in the system before by clicking on Perinatal Mortality (PNMR) → PNMR Patient Verification

**Perinatal Mortality (PNMR) Patient Verification**

Reporting Centre Name  Equal to (S)

**Perinatal Mortality (PNMR) Patient Verification**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2** to register a new PNMR notification.
3. If a record is found in the list below, click on the **Update** to complete the form that has been registered before.

**Search / Filter**

Name  Whole word (S)

MyKid / MyKad Num  Whole word (S)

Other Document Num  Whole word (S)

(Please key in with dash, eg. 571231-12-3456)

Please enter value for at least one the field to search (e.g Name, MyKad Num, Other Document Num).

| PNM Patient No. | Source | Name | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center | Investigation District | Investigation State | Date of Delivery | Case No | Year | Date of death | Stillbirth Type | Completed Action |
|-----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|
|-----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|

Picture 1.48 NOR / Maternal Mortality Patient List

In the 'Verification' section, search the patient by typing in either the Name, or MyKad Num or Other Document Num of the patient.

If the perinatal mortality patient exists in the database (i.e. Patient is shown in the perinatal mortality patient list), check if the record is referring to the same baby that you wish to register. If it is the same, click on Update button of the perinatal mortality patient to update the patient's perinatal mortality form. If it is not the same, click on the Add Perinatal Mortality 2 button

# National Obstetrics Registry (NOR) Web Application - Version 1.01

4 4 : 4 9

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2**  to register a new PNMR notification.
3. If a record is found in the list below, click on the  to complete the form that has been registered before.

**Search / Filter**

Name

MyKid / MyKad Num

Other Document Num  (Please key in with dash, eg. 571231-12-3456)

Show Show All

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | PNM Patient ID | Source | Name          | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center      | Investigation District             | Investigation State                | Date of Delivery    | Case No | Year | Date of death       | Stillbirth Type                                       | Completed Action                                                                                                                                                        |
|---------|----------------|--------|---------------|-------------------|--------------------|-----------------------------------|----------------------|-----------------------|------------------------------------|------------------------------------|---------------------|---------|------|---------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | 3              | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Missing                            | Missing                            | 02-03-2010 04:37:00 |         |      | 02-03-2010 04:38:00 | Macerated stillbirth (>=500g or >=22 weeks gestation) |   |
| 2       | 4              | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 02-03-2010 04:45:00 | 1       | 2010 | 02-03-2010 00:00:00 | Fresh stillbirth (>=500g or >=22 weeks gestation)     |   |

If perinatal mortality patient doesn't exist (i.e. Perinatal mortality patient is NOT shown in the list), click on the blue 'Perinatal Mortality 2' icon in Picture 1.48 to register a new perinatal mortality patient.

4 4 : 4 9

 **NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2**  to register a new PNMR notification.
3. If a record is found in the list below, click on the  to complete the form that has been registered before.

**Search / Filter**

Name

MyKid / MyKad Num

Other Document Num  (Please key in with dash, eg. 571231-12-3456)

Show Show All

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | PNM Patient ID | Source | Name | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center | Investigation District | Investigation State | Date of Delivery | Case No | Year | Date of death | Stillbirth Type | Completed Action |
|---------|----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|
|---------|----------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|------------------|

Picture 1.49 NOR / Maternal Mortality Patient List

After clicking on the blue icon, user will be brought to Perinatal Mortality Form as shown in Picture 1.49.

The Perinatal Mortality Form consists of 6 different sections that need to be filled in. Note: Please be informed that field with \*\* symbols are mandatory field, whereas field marked with # symbols are auto-populated from NOR form.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

4.2 : 5.5

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**SECTION A: REPORTING DETAILS**

Name of reporting centre: Hospital Kuala Lumpur

Source: ☐ NNR ☒ NOR ☐ District Nurse ☐ Paediatrician from Non-NNR & NOR site

Case no / Year: /

Investigation district: Wilayah Persekutuan (Kuala Lumpur)

Investigation state: ☐ Johor Darul Takzim ☐ Pahang Darul Makmur ☐ Sarawak ☐ Wilayah Persekutuan (Labuan) ☐ Kedah Darul Aman ☐ Perak Darul Ridzuan ☐ Selangor Darul Ehsan ☐ Wilayah Persekutuan (Putrajaya) ☐ Kelantan Darul Naim ☐ Perlis Indera Kayangan ☐ Terengganu Darul Iman ☐ Foreigner ☐ Melaka ☐ Pulau Pinang ☒ Wilayah Persekutuan (Kuala Lumpur) ☐ Missing ☐ Negeri Sembilan Darul Khusus ☐ Sabah

**SECTION B: CASE DEFINITION**

1 How was this case defined:

☐ Macerated stillbirth ( $\geq 500g$  or  $\geq 22$  weeks gestation) ☐ Early neonatal death (age: 0-6 days and BW  $\geq 500g$ ) ☐ Fresh stillbirth ( $\geq 500g$  or  $\geq 22$  weeks gestation) ☐ Late neonatal death (age: 7-27 days and BW  $\geq 500g$ ) ☒ Not available ☒ Missing

Case Definition Mother Current Preg Current Preg (cont.) Foetus / Neonate Death Classification ALL Save

Picture 1.50 Perinatal Mortality Form

After completing the form, click on the **Save** button to save the data.

### 6.4.2 PNMR Patient List

To search for a perinatal mortality patient, select 'PNMR Patient List' under the 'Perinatal Mortality (PNMR)' toolbar.

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

PNMR Patient Verification

PNMR Patient List

Reporting Centre Name Equal to (5)

In the 'Search' section (Picture 1.13) search the patient by filling in the selection criteria. This list is for viewing and searching for the patients in your centre only.

4.4 : 4.9

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Search / Filter**

Name of reporting centre: Equal to (S) [Dropdown]

Investigation district: Equal to (S) [Dropdown]

Investigation state: Equal to (S) [Dropdown]

PNMR Patient ID: Equal to (S) [Dropdown]

Name: Whole word (S) [Dropdown]

MyKad: Whole word (S) [Dropdown]

Other ID Document No: Whole word (S) [Dropdown]

Date of delivery: Equal to (S) [Dropdown]

From: [Date] To: [Date]

Show Show All

**Perinatal Mortality Patient List**

| PNM No. | Patient ID | Name of reporting centre | Investigation district             | Investigation state                | Source | Case No | Year | How was this case defined                                        | Name          | MyKad          | Other ID Document No | Specify document type (if others) | Date of death | Time of death | Completed | Action                          |
|---------|------------|--------------------------|------------------------------------|------------------------------------|--------|---------|------|------------------------------------------------------------------|---------------|----------------|----------------------|-----------------------------------|---------------|---------------|-----------|---------------------------------|
| 1       | 4          | Hospital Kuala Lumpur    | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | NOR    | 1       | 2010 | Fresh stillbirth ( $\geq 500g$ or $\geq 22$ weeks gestation)     | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           | 2-03-2010     | 04:38         |           | View PDF of Perinatal Mortality |
| 2       | 3          | Hospital Kuala Lumpur    | Missing                            | Missing                            | NOR    |         |      | Macerated stillbirth ( $\geq 500g$ or $\geq 22$ weeks gestation) | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           |               |               |           | Update                          |

Picture 1.51 Perinatal mortality List / Search page

To View Perinatal Mortality details, click on the blue View icon

To update the perinatal mortality form, click on the blue Update icon  .

### 6.5 Change Password

To change the password, click on the 'Change Password' menu toolbar, fill in the details as below and click the Submit button.



Picture 1.14 Change Password page



Picture 1.52 Result page for Change Password

### 6.6 Logout

To logout from NOR, click on 'Logout' menu bar.



Picture 1.53 Logout Menu Bar

## 7 STEP BY STEP USING NOR WEB APPLICATION – FAMILY HEALTH PHYSICIAN (FHP)

### 7.1 NOR / Maternal Mortality Patient List

After Login, the NOR / Maternal Mortality Patient List will appear first.

44: 55

NOR National Obstetric Registry (NOR) web application

klhfp - (Family Health Physician FHP)

Patient (NOR) Maternal Mortality (MMR) Perinatal Mortality (PNMR) Report Change Password Logout

Instructions:  
To register a new patient, please click [here](#).  
To update existing patients, please click on [this](#).  
In the next page that appears, click on the [this](#).

Search / Filter

State Of Investigation Equal to (S) Wilayah Persekutuan (Kuala Lumpur)

Reporting Centre Name Equal to (S)

Patient Id Equal to (S)

Name Whole word (S) Test 1

MyKad Num Whole word (S)

Other Document Num Whole word (S)

Date of Admission By Range

Date of Delivery By Range

From To

From To

Show Show All

| No. | Patient Id | Name   | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action |
|-----|------------|--------|-------------------|--------------------|--------------|----------|------------------------|--------|
| 1   | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  | 0/1                    |        |

Picture 1.54 NOR / Maternal Mortality Patient List

### Navigation Toolbars

On top of each page there are 4 menu navigation toolbars which include:

- Patient (NOR)
- Maternal Mortality (MMR)
- Perinatal Mortality (PNMR)
- Report
- Change Password
- Logout



Patient (NOR) Maternal Mortality (MMR) Perinatal Mortality (PNMR) Report Change Password Logout

Picture 1.55 Navigation Toolbars

## 7.2 Patient (NOR)

### 7.2.1 PNMR Unsubmitted Perinatal Mortality 1 List

33:07



**NOR** National Obstetric Registry  
(NOR) web application

klfhg - (Family Health Physician FHP)

Patient (NOR) Maternal Mortality (MMR) Perinatal Mortality (PNMR) Report Change Password Logout

**Instruction:**  
To register a new patient, please click [here](#).  
To update existing patients, please click on .  
In the next page that appears, click on the .

**Search / Filter**

States Of Investigation
Reporting Centre Name
Patient Id
Name
MyKad Num
Other Document Num
Date of Admission
Date of Delivery

Equal to (S)
Equal to (S)
Equal to (S)
Whole word (S)
Whole word (S)
Whole word (S)
By Range
By Range

Wilayah Persekutuan (Kuala Lumpur)
test 1
test 1
test 1
From
To
From
To

Show Show All

**NOR / Maternal Mortality Patient List**

| No. | Patient Id | Name   | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Maternal Mortality | Action                                                                              |
|-----|------------|--------|-------------------|--------------------|--------------|----------|------------------------|-------------------------------------------------------------------------------------|
| 1   | 97133      | TEST 1 |                   | OTHER ID           | Murut        | Missing  | Q/1                    |  |

[Printer Friendly Page](#)

This list shows the list of patients who have NOR form completed and patient's baby status is 'died' but no Perinatal Mortality 1 form entered.

## 7.3 Maternal Mortality (MMR)

### 7.3.1 MMR Patient List

Patient (NOR)
Maternal Mortality (MMR)
Perinatal Mortality (PNMR)
Report
Data Download
Change Password
Logout

MMR Patient List
MMR Unsubmitted Maternal Mortality 1 List

Instruction:

44: 37

National Obstetric Registry  
(NOR) web application

Klstatecon - (State Consultant)

Patient (NOR)
Maternal Mortality (MMR)
Perinatal Mortality (PNMR)
Report
Data Download
Change Password
Logout

Search Section

Instruction:  
To register a new patient, please click [here](#)  
To update existing patients, please click on [the next page that appears](#), click on the [next page](#)

Search / Filter  
Reporting Centre Name: Equal to (S)  
Patient Id: Equal to (S)  
Name: Whole word (S)  
MyKad Num: Whole word (S)  
Other Document Num: Whole word (S)  
Date of Admission: By Range  
Date of Delivery: By Range  
From: To: Show Show All

NOR / Maternal Mortality Patient List

| No. | Patient Id | Name                                              | MyKad / MyKad Num | Other Document Num | Ethnic group | Religion      | NOR / Maternal Mortality | Action                                                                                                                                                                                                                                                            |
|-----|------------|---------------------------------------------------|-------------------|--------------------|--------------|---------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 97133      | TEST 1                                            |                   | OTHER ID           | Murut        | Missing       | 0/1                      |          |
| 2   | 97129      | TEST MOTHER 3                                     | 740321-01-1120    |                    | Chinese      | Christianity  | 1/0                      |          |
| 3   | 97128      | TEST MOTHER 2                                     |                   | 9998               | Murut        | Christianity  | 1/0                      |          |
| 4   | 97127      | TEST MOTHER 1                                     | 690630-01-2124    |                    | Chinese      | Buddhism      | 1/0                      |          |
| 5   | 97116      | NEI TAI                                           |                   | 791-09C09950       | Other        |               | 1/0                      |    |
| 6   | 97108      | PONG SOUT CHAN                                    | 830515-14-5018    |                    | Chinese      |               | 1/0                      |    |
| 7   | 97101      | ROSILZA BINTI HARUN                               | 770824-06-5706    |                    | Malay        |               | 1/0                      |    |
| 8   | 97051      | SITTI SAUDAH BINTI HARIS                          | 940722-12-5668    |                    | Bajau        | Islam         | 1/0                      |    |
| 9   | 97039      | NORAYUSLINDA BINTI MARZUKI                        | 811018-02-5652    |                    | Malay        | Islam         | 1/0                      |    |
| 10  | 97036      | NORHARTINI BINTI ZANUDDIN                         | 940314-08-5900    |                    | Malay        | Islam         | 1/0                      |    |
| 11  | 97035      | SHARIFAH ANIS SURYANI BINTI SYED AHMED JALALUDDIN | 820724-05-5386    |                    | Malay        | Islam         | 1/0                      |    |
| 12  | 97029      | BALJIT KAUR AP BAGWEAN                            | 700111-07-5206    |                    | Other        | Not available | 1/0                      |    |
| 13  | 97027      | HALIMO SALAH ABULLAHI                             |                   | 354-09C02509       | Other        | Islam         | 1/0                      |    |
| 14  | 97015      | NURASHARQI BINTI ABUL KADIR@ KHALID               | 771129-02-6566    |                    | Malay        | Islam         | 1/0                      |    |
| 15  | 97012      | SAUDAH BINTI SAIDINA                              | 870607-61-5044    |                    | Other        | Islam         | 1/0                      |    |
| 16  | 97001      | AZLINA BINTI AZHAR                                | 880609-56-5510    |                    | Malay        | Islam         | 1/0                      |    |
| 17  | 96982      | NORAINI BINTI MOHD NOR                            | 690507-10-6244    |                    | Malay        | Islam         | 1/0                      |    |
| 18  | 96977      | NORLIZA BINTI AMIRUDDIN                           | 810105-10-5584    |                    | Malay        | Islam         | 1/0                      |    |
| 19  | 96957      | SALEHA                                            |                   | P011828            | Other        | Islam         | 1/0                      |    |
| 20  | 96945      | WAN NURHIDAYAH BINTI WAN NOORDIN                  | 830912-71-5096    |                    | Malay        | Islam         | 1/0                      |    |

8170 records
page 1 of 409
1 2 3 4 5 6 7 8 9 10 >> << 1

Picture 1.56 MMR Patient List

To View Patient Particulars, click on the blue View icon 

To View Mortality data, click on the NOR / Maternal Mortality icon  1/0

### 7.3.2 MMR Unsubmitted Maternal Mortality 1 List

4.4.1: 5.2

**NOR** National Obstetric Registry (NOR) web application

kistatecon - (State Consultant)

Patient (NOR) Maternal Mortality (MMR) Perinatal Mortality (PNMR) Report Data Download Change Password Logout

Search / Filter

Reporting Centre Name Equal to (\$)

Patient Id Equal to (\$)

Name Whole word (\$)

MyKad Num Whole word (\$)

Other Document Num Whole word (\$)

Show Show All

| No. | Patient Id | Name          | MyKid / MyKad Num | Other Document Num | Ethnic group | Religion | NOR/Mortality | Action                                                                                                                                                                                                                                                      |
|-----|------------|---------------|-------------------|--------------------|--------------|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 44574      | TEST_20091104 | 820224-02-5656    |                    | Malay        | Islam    | 1/0           |    |

**Picture 1.57** Patient List with Incomplete Notification

This list shows the list of patients who have NOR form completed and patient status is 'died' but no Maternal Mortality 1 form entered.

To view patient's Maternal Mortality 1 information entered in NOR Mortality form, click on the blue View icon  on NOR/Mortality Notification List.

## 7.4 Perinatal Mortality (PNMR)

### 7.4.1 PNMR Patient List

To search for a perinatal mortality patient, select 'PNMR Patient List' under the 'Perinatal Mortality (PNMR)' toolbar.

In the 'Search' section (Picture 1.58) search the patient by filling in the selection criteria. This list is for viewing and searching for the patients in your centre only.

| PNM No. | Patient ID | Name of reporting centre | Investigation district             | Investigation state                | Source | Case No. | Year | How was this case defined                             | Name          | MyKad          | Other ID Document No | Specify document type (if others) | Date of death | Time of death | Complete PDF Action |
|---------|------------|--------------------------|------------------------------------|------------------------------------|--------|----------|------|-------------------------------------------------------|---------------|----------------|----------------------|-----------------------------------|---------------|---------------|---------------------|
| 1       | 4          | Hospital Kuala Lumpur    | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | NOR    | 1        | 2010 | Fresh stillbirth (>=500g or >=22 weeks gestation)     | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           | 2-03-10       | 04:38         |                     |
| 2       | 3          | Hospital Kuala Lumpur    | Missing                            | Missing                            | NOR    |          |      | Macerated stillbirth (>=500g or >=22 weeks gestation) | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           | 2-03-10       | 04:38         |                     |

Picture 1.58 Perinatal mortality List / Search page

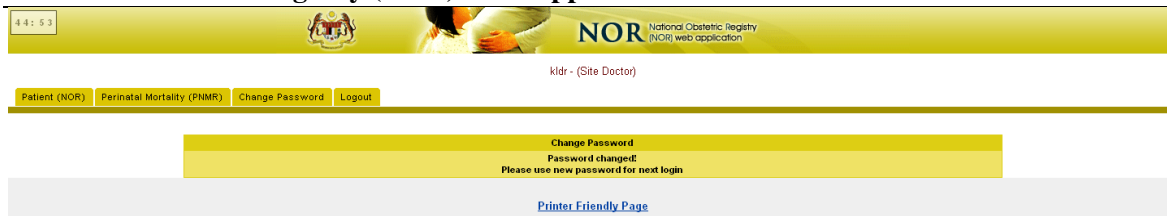
To View Perinatal Mortality details, click on the blue View icon

## 7.5 Change Password

To change the password, click on the 'Change Password' menu toolbar, fill in the details as below and click the Submit button.

Picture 1.59 Change Password page

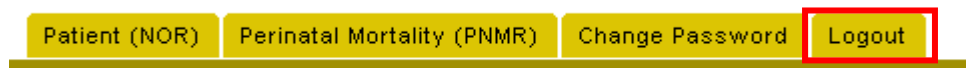
## National Obstetrics Registry (NOR) Web Application - Version 1.01



**Picture 1.60** Result page for Change Password

### 7.6 Logout

To logout from NOR, click on 'Logout' menu bar.



**Picture 1.61** Logout Menu Bar

## 8 STEP BY STEP USING NOR WEB APPLICATION – PAEDIATRICIAN FROM HOSPITALS NOT PARTICIPATING IN NNR AND NOR

### 8.1 NOR / Maternal Mortality Patient List

After Login, the Patient List will appear first.

| No. | Page ID                     | Menu Bar ID                | Display Caption                             | Permission ID | Link URL                                                              | Sort No. | Menu Visible                        | Auto Set                 |
|-----|-----------------------------|----------------------------|---------------------------------------------|---------------|-----------------------------------------------------------------------|----------|-------------------------------------|--------------------------|
| 1   | Alert                       | Welcome                    | Welcome                                     |               |                                                                       | 1        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2   | Change Password             | Change Password            | Change Password                             |               |                                                                       | 999      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3   | DataDownload                | Data Download              | Data Download                               |               |                                                                       | 999      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4   | DataQuery                   | Data Query                 | Data Query                                  |               |                                                                       | 999      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5   | Logout                      | Logout                     | Logout                                      |               |                                                                       | 999      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6   | PatientSearchMortality      | Maternal Mortality (MMR)   | MMR Patient Verification                    |               | fvbPage.jsp?fvbPageId=PatientSearchList&fvbAction=List                | 1        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7   | PatientMortalityList        | Maternal Mortality (MMR)   | MMR Patient List                            |               | fvbPage.jsp?fvbPageId=PatientList&fvbAction=List                      | 2        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8   | NORPatientMortalityDetails  | Maternal Mortality (MMR)   | MMR Notification Form                       |               | fvbPage.jsp?fvbPageId=NORPatientMortalityDetailsForm&fvbAction=Insert | 4        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9   | PatientMortalityAnaes       | Maternal Mortality (MMR)   | MMR Anaesthetic details Notification Form   |               | fvbPage.jsp?fvbPageId=PatientMortalityAnaesForm&fvbAction=Insert      | 6        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10  | PatientNotifPendingList     | Maternal Mortality (MMR)   | MMR Unsubmitted Maternal Mortality 1 List   |               | fvbPage.jsp?fvbPageId=PatientNotifPendingList&fvbAction=List          | 8        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 11  | PatientSearch               | Patient (NOR)              | NOR Patient Verification                    |               | fvbPage.jsp?fvbPageId=PatientSearchList&fvbAction=List                | 1        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12  | PatientList                 | Patient (NOR)              | NOR Patient List                            |               | fvbPage.jsp?fvbPageId=PatientList&fvbAction=List                      | 2        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 13  | RegisterPatient2009         | Patient (NOR)              | NOR Patient Registration                    |               | fvbPage.jsp?fvbPageId=NORNotificationForm&fvbAction=Insert            | 3        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 14  | PatientNotifBabypendingList | Patient (NOR)              | PNMR Patient Notification Baby              |               | fvbPage.jsp?fvbPageId=PatientNotifBabypendingList&fvbAction=Insert    | 4        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 15  | PatientNotifBabypendingList | Patient (NOR)              | PNMR Unsubmitted Perinatal Mortality 1 List |               | fvbPage.jsp?fvbPageId=PatientNotifBabypendingList&fvbAction=List      | 4        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 16  | NORMotherDischargeSummary   | Patient (NOR)              | NOR Mother Discharge Summary                |               | fvbPage.jsp?fvbPageId=NORMotherDischargeSummaryForm&fvbAction=Insert  | 5        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17  | PatientNotifBabypendingList | Patient (NOR)              | NOR Unsubmitted Baby Form List              |               | fvbPage.jsp?fvbPageId=PatientNotifBabypendingList&fvbAction=List      | 6        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 18  | PatientSearchPerinatal      | Perinatal Mortality (PNMR) | PNMR Patient Verification                   |               | fvbPage.jsp?fvbPageId=PNMRPatientVerificationList&fvbAction=List      | 1        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 19  | PatientPerinatalList        | Perinatal Mortality (PNMR) | PNMR Patient List                           |               | fvbPage.jsp?fvbPageId=PNMRPatientNotificationList&fvbAction=List      | 2        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 20  | PNMPatientNotification      | Perinatal Mortality (PNMR) | PNMR Notification Form                      |               | fvbPage.jsp?fvbPageId=PNMPatientNotificationForm&fvbAction=Insert     | 3        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

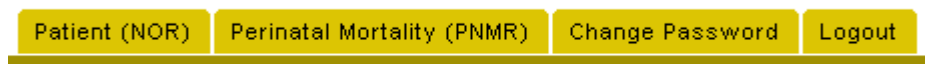
39 records | page 1 of 2 | 1 2 > < 1

Picture 1.62 NOR / Maternal Mortality Patient List

### Navigation Toolbars

On top of each page there are 4 menu navigation toolbars which include:

- Patient (NOR)
- Perinatal Mortality (PNMR)
- Change Password
- Logout



Picture 1.63 Navigation Toolbars

|                           |                            |                 |        |
|---------------------------|----------------------------|-----------------|--------|
| Patient (NOR)             | Perinatal Mortality (PNMR) | Change Password | Logout |
| PNMR Patient Verification |                            |                 |        |
| PNMR Patient List         |                            |                 |        |
| Reporting Centre Name     |                            | Equal to (5)    |        |

**Picture 1.64** *NOR / Maternal Mortality Patient List*

If the perinatal mortality patient exists in the database (i.e. Patient is shown in the perinatal mortality patient list), check if the record is referring to the same baby that you wish to register. If it is the same, click on Update button of the perinatal mortality patient to update the patient's perinatal mortality form. If it is not the same, click on the Add Perinatal Mortality 2 button

## National Obstetrics Registry (NOR) Web Application - Version 1.01

4 4 : 4 9

**NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Patient Verification Before Registration**

Please verify that the patient you wish to register has not been registered before in the registry. Only register NEW Patient if record NOT found or the patient identities are NOT the same. This is to avoid duplication of registration.

Steps:

1. Enter one or more search criteria at the Search section and click Show. It is encouraged to enter MyKad Num first if available.
2. If no record is found in the list below, click on the **Perinatal Mortality 2** to register a new PNMR notification.
3. If a record is found in the list below, click on the  to complete the form that has been registered before.

**Search / Filter**

Name:

MyKid / MyKad Num:

Other Document Num:  (Please key in with dash, eg. 571231-12-3456)

Show Show All

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | Patient ID | Source | Name          | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center      | Investigation District             | Investigation State                | Date of Delivery    | Case No | Year | Date of death       | Stillbirth Type                                       | Completed                           | Action                                                                                                                                                                  |
|---------|------------|--------|---------------|-------------------|--------------------|-----------------------------------|----------------------|-----------------------|------------------------------------|------------------------------------|---------------------|---------|------|---------------------|-------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | 3          | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Missing                            | Missing                            | 02-03-2010 04:37:00 |         |      | 02-03-2010 04:38:00 | Macerated stillbirth (>=500g or >=22 weeks gestation) | <input checked="" type="checkbox"/> |   |
| 2       | 4          | NOR    | TEST MOTHER 3 | 740321-01-1120    |                    | Missing                           |                      | Hospital Kuala Lumpur | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | 02-03-2010 04:45:00 | 1       | 2010 | 02-03-2010 00:00:00 | Fresh stillbirth (>=500g or >=22 weeks gestation)     | <input checked="" type="checkbox"/> |   |

**Perinatal Mortality 2** 

If perinatal mortality patient doesn't exist (i.e. Perinatal mortality patient is NOT shown in the list), click on the blue 'Perinatal Mortality 2' icon in Picture 1.65 to register a new perinatal mortality patient.

4 4 : 4 9

**NOR** National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

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Name:

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Other Document Num:  (Please key in with dash, eg. 571231-12-3456)

Show Show All

**Perinatal Mortality Registry (PNMR) Verification Result List**

| PNM No. | Patient ID | Source | Name | MyKid / MyKad Num | Other Document Num | Specify document type (if others) | Other ID Doc Specify | Reporting Center | Investigation District | Investigation State | Date of Delivery | Case No | Year | Date of death | Stillbirth Type | Completed | Action |
|---------|------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|-----------|--------|
|---------|------------|--------|------|-------------------|--------------------|-----------------------------------|----------------------|------------------|------------------------|---------------------|------------------|---------|------|---------------|-----------------|-----------|--------|

**Perinatal Mortality 2** 

After clicking on the blue icon, user will be brought to Perinatal Mortality Form as shown in Picture 1.66.

The Perinatal Mortality Form consists of 6 different sections that need to be filled in.

## National Obstetrics Registry (NOR) Web Application - Version 1.01

4.2 : 5.5

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**SECTION A: REPORTING DETAILS**

Name of reporting centre: Hospital Kuala Lumpur

Source: ☐ NNR ☐ NOR ☐ District Nurse ☐ Paediatrician from Non-NMR & NOR site

Case no / Year: /

Investigation district: Wilayah Persekutuan (Kuala Lumpur)

Investigation state: ☐ Johor Darul Takzim ☐ Pahang Darul Makmur ☐ Sarawak ☐ Wilayah Persekutuan (Labuan)  
☐ Kedah Darul Aman ☐ Perak Darul Ridzuan ☐ Selangor Darul Ehsan ☐ Wilayah Persekutuan (Putrajaya)  
☐ Kelantan Darul Naim ☐ Perlis Indera Kayangan ☐ Terengganu Darul Iman ☐ Foreigner  
☐ Melaka ☐ Pulau Pinang ☒ Wilayah Persekutuan (Kuala Lumpur) ☐ Missing  
☐ Negeri Sembilan Darul Khusus ☐ Sabah

**SECTION B: CASE DEFINITION**

1 How was this case defined:

☐ Macerated stillbirth ( $\geq 500g$  or  $\geq 22$  weeks gestation) ☐ Early neonatal death (age: 0-6 days and BW  $\geq 500g$ )  
☐ Fresh stillbirth ( $\geq 500g$  or  $\geq 22$  weeks gestation) ☐ Late neonatal death (age: 7-27 days and BW  $\geq 500g$ )  
☐ Not available ☒ Missing

Case Definition Mother Current Preg Current Preg (cont.) Foetus / Neonate Death Classification ALL

Save

Picture 1.66 Perinatal Mortality Form

After completing the form, click on the **Save** button to save the data.

### 8.2.2 PNMR Patient List

To search for a perinatal mortality patient, select 'PNMR Patient List' under the 'Perinatal Mortality (PNMR)' toolbar.

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

PNMR Patient Verification

PNMR Patient List

Reporting Centre Name

Equal to (S)

In the 'Search' section (Picture 1.67) search the patient by filling in the selection criteria. This list is for viewing and searching for the patients in your centre only.

4.4 : 4.9

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Search / Filter**

Name of reporting centre: Equal to (S)

Investigation district: Equal to (S)

Investigation state: Equal to (S)

PNMR Patient ID: Equal to (S)

Name: Whole word (S)

MyKad: Whole word (S)

Other ID Document No: Whole word (S)

Date of delivery: Equal to (S)

From: To:

Show Show All

**Perinatal Mortality Patient List**

| PNMR No. | Patient ID | Name of reporting centre | Investigation district             | Investigation state                | Source | Case No. | Year | How was this case defined                                        | Name          | MyKad          | Other ID Document No | Specify document type (if others) | Date of death | Time of death | Completed | PDF | Action |
|----------|------------|--------------------------|------------------------------------|------------------------------------|--------|----------|------|------------------------------------------------------------------|---------------|----------------|----------------------|-----------------------------------|---------------|---------------|-----------|-----|--------|
| 1        | 4          | Hospital Kuala Lumpur    | Wilayah Persekutuan (Kuala Lumpur) | Wilayah Persekutuan (Kuala Lumpur) | NOR    | 1        | 2010 | Fresh stillbirth ( $\geq 500g$ or $\geq 22$ weeks gestation)     | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           | 2-03-2010     | 04:38         |           |     |        |
| 2        | 3          | Hospital Kuala Lumpur    | Missing                            | Missing                            | NOR    |          |      | Macerated stillbirth ( $\geq 500g$ or $\geq 22$ weeks gestation) | TEST MOTHER 3 | 740321-01-1120 |                      | Missing                           |               |               |           |     |        |

View PDF of Perinatal Mortality

View

Update

Picture 1.67 Perinatal mortality List / Search page

To View Perinatal Mortality details, click on the blue View icon



To update the perinatal mortality form, click on the blue Update icon



### 8.3 Change Password

To change the password, click on the 'Change Password' menu toolbar, fill in the details as below and click the Submit button.

4.4: 5.3

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) **Change Password** Logout

**Change Password**  
To change your password, please enter your existing password, enter the new password and retype your new password in the text boxes. 'New Password' and 'Retype Password' should match.

Old Password

New Password

Retype New Password

Submit

Picture 1.68 Change Password page

4.4: 5.3

NOR National Obstetric Registry (NOR) web application

kldr - (Site Doctor)

Patient (NOR) Perinatal Mortality (PNMR) Change Password Logout

**Change Password**  
Password changed:  
Please use new password for next login

[Printer Friendly Page](#)

Picture 1.69 Result page for Change Password

### 8.4 Logout

To logout from NOR, click on 'Logout' menu bar.

Patient (NOR) Perinatal Mortality (PNMR) Change Password **Logout**

Picture 1.70 Logout Menu Bar

## **9 Help Desk Support**

**Note:** The NOR User's Manual is subjected for amendment in future for better quality of NOR.

For assistance in completing your application or if you experience technical difficulties using this site, including problems related to data entry, please contact:

- 1) The Registry Manager:

Phone: 603-2692 4249

Fax: 603-2691 1682

Email: [nor@acrm.org.my](mailto:nor@acrm.org.my)

Address: Manager,

National Obstetrics Registry (NOR),

Clinical Research Centre,

Level 3, Dermatology Block,

Kuala Lumpur Hospital,

Jalan Pahang

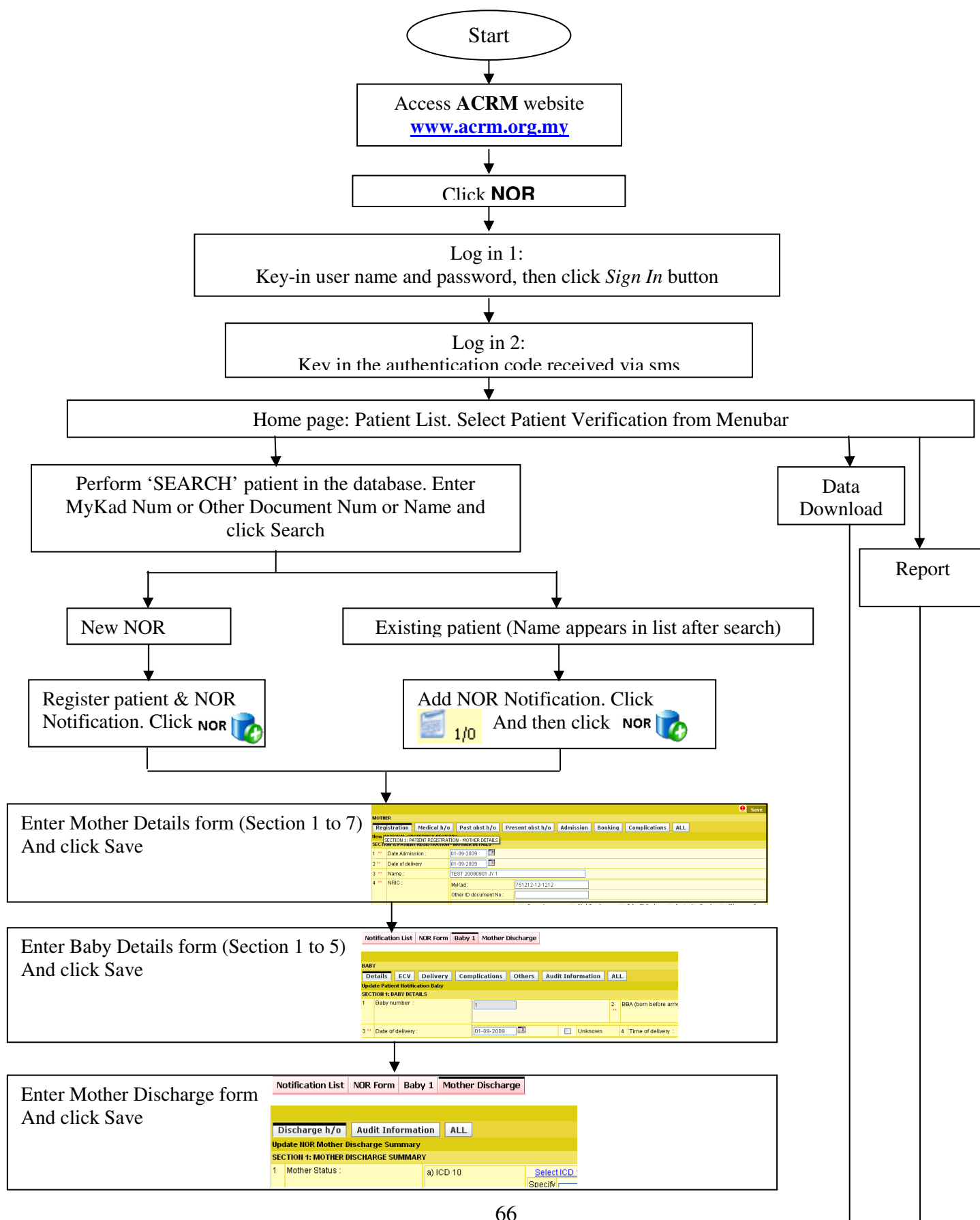
50586, Kuala Lumpur,

Malaysia

OR

- 2) The IT Administrator at: Tel: 603-4044 8615 / 2615

## 10 NATIONAL OBSTETRICS REGISTRY DATA ENTRY PROCESS



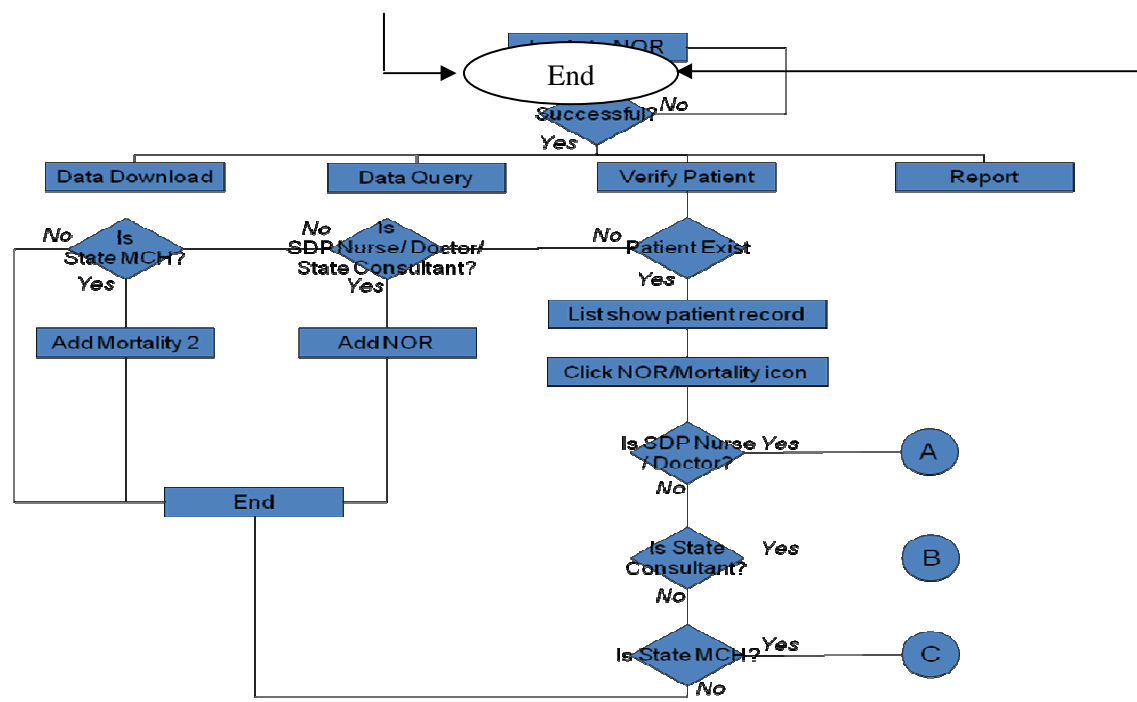


Figure 1: Flow chart of NOR data collection on site

A. SDP Nurse / Doctor

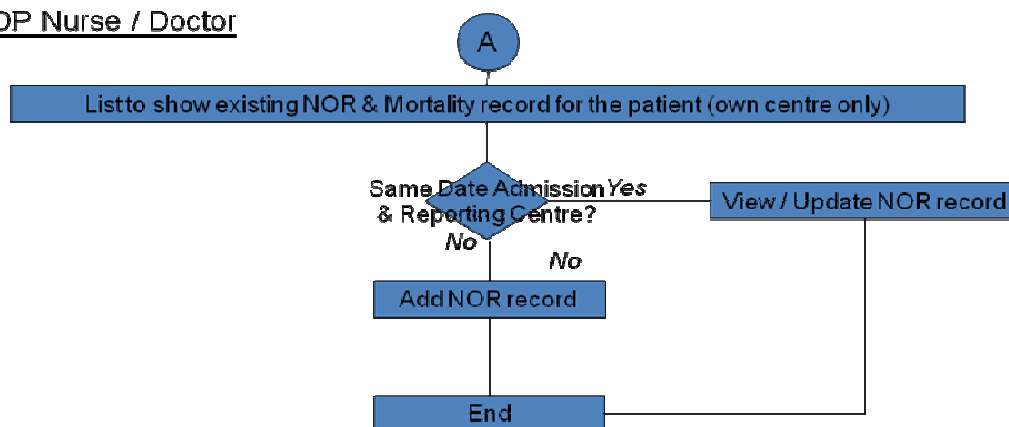
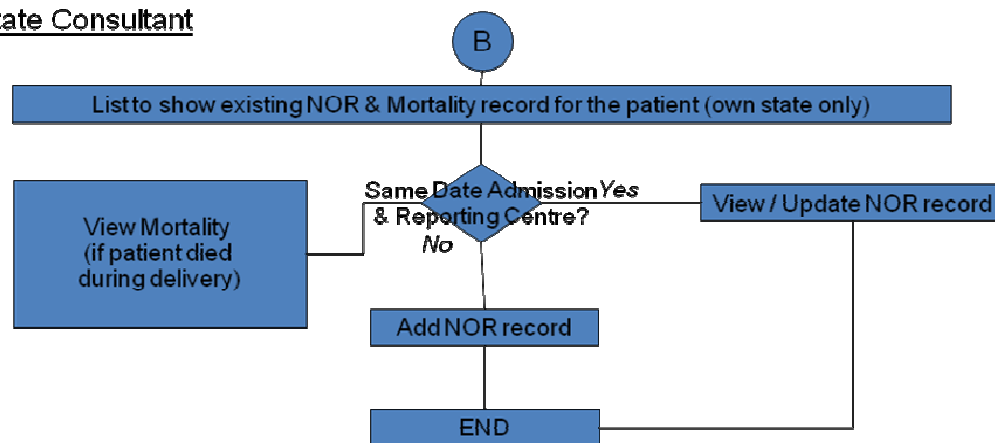


Figure 2: Flow chart for SDP Nurse / Doctor Data collection on sit

B. State Consultant



**Figure 3: Flow chart for State Consultant Data collection on site**