RealCare® Baby II–*plus*
Operating Handbook

With information on Control Center software!

Realityworks
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IMPORTANT SAFETY PRECAUTIONS

- Baby and all its supplies contain NO latex, mercury, or lead.
- Baby may cry while the student is driving. Please be aware that crying may start unexpectedly, and the student should be prepared.
- Failure to install Baby in a car seat in a motor vehicle could result in Baby or supplies becoming projectiles in the event of a sudden stop or accident.
- Do not feed, burp, rock, change diapers, or otherwise care for Baby while driving.
- The student must bring his or her vehicle to a complete stop in a safe location before caring for Baby, or to retrieve a piece of Baby's equipment that falls.
- Do not place Baby in or near water.
- Baby's clothing is NOT flame retardant and should NOT be worn by real infants. Instructors should make sure all clothing is returned with Baby.
- Do not place Baby on or near a stove, especially while cooking.
- Loud crying near people with potentially serious physical conditions, such as those susceptible to heart attack or stroke, should be avoided.
- Do not allow small children to play with Baby. Baby's hands and feet are small enough to be a choking hazard. Baby is not suitable for children under three, and not recommended for those under 10.
- Baby's crying or other sounds may cause pets to become agitated or aggressive. Keep Baby out of the reach of pets or other animals.
- Never leave Baby unattended in a public place given the potential for Baby to be mistaken for a real infant.
- To avoid straining your arms, use an infant car seat or carrier to transport Baby rather than holding Baby at all times. Holding techniques are listed on the Student Care Card that accompanies Baby.
- Baby weighs 6.5 to 7 pounds and could cause discomfort for individuals with back pain.
- Do not operate any type of equipment or attempt tasks requiring the use of both hands while holding Baby.
- Batteries may explode, leak, cause property damage, or cause personal injury if disposed of in fire, stored in direct sunlight, or stored in an area of excessive heat.
- The battery module should not be plugged in for long periods of time (more than one month).
- The battery module stores best at low charge, not plugged in, and in a cool environment.
- It is normal for the battery module to get warm during charging. The module has thermal protection in case of overcharge.
- The battery module should not be replaced by the user — only by Realityworks employees.
- Only use the charger(s) or charging station(s) supplied by Realityworks.
- To prevent discoloration and fading, do not store Baby in direct sunlight or in an area of excessive heat.
- Baby should sleep somewhere close to the student's sleeping quarters, but not in bed with the student. Baby may fall out of the bed or the student could roll over on it causing damage to Baby and discomfort to the student.
- The student must never take the wristband and ID off. Not only will he or she be deducted points, but the ID may be lost, or the student may stumble around in the dark looking for it if Baby cries during the night.
- The student should make a note in his or her diary where he/she had to delay caring for Baby because his/her safety or the safety of others may have been compromised.

Table of Contents

Getting Started

Charge Baby

Connect Baby to a single charger (one Baby) or charging station (up to five Babies).

For best results, charge overnight. A full charge takes four to six hours.

What Do Baby's Lights Mean?

- **Solid red** – Baby is powered with greater than a 40 percent charge.
- **Flashing red** – Baby has less than a 40 percent charge.
- **NO red light** – dead battery.
- **Solid green** – Baby is charging.
- **Flashing green** – batteries are warming up; it will take 5 to 15 minutes for the light to become solid green.
- **Yellow light** – communication status when used with RealCare II-*plus* Control Center software
  - **Yellow light flashes** once every 10-15 seconds, indicating Baby's communication is working properly.

Install RealCare® II-plus Control Center Software:

1. Follow the installation instructions on the CD sleeve to install the software on your computer.
2. A complete Help Guide containing instructions on how to use the software can be found under the "Help" menu after the software is installed.

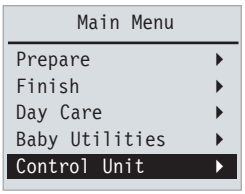
Control Center software CD, Communication Pod and USB cable

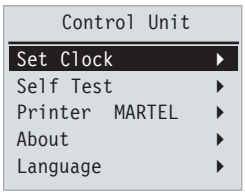
Control Center software features:
Easy-to-use drop-down menus for programming all of your Babies, customizing each simulation and automatically retrieving simulation reports. Provides detailed reports, simple instructions and dramatic time savings for facilitators.

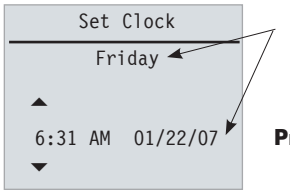
Handheld Control Unit:

1. Pull out the tab at the bottom of your control unit (shown) to activate the battery connection. The control unit beeps and displays the main menu.

2. Set the control unit clock. Do this only when you first use the control unit and when switching to and from Daylight Savings Time. The control unit automatically adjusts for Leap Year. If you program Baby using the control unit, Baby does not follow schedules correctly until you set this clock.







Day of week changes automatically by setting the correct date at the bottom.

Press **to change**

Press **to advance to minute, AM/PM, and date**

Push **or** **until you return to the main menu.**

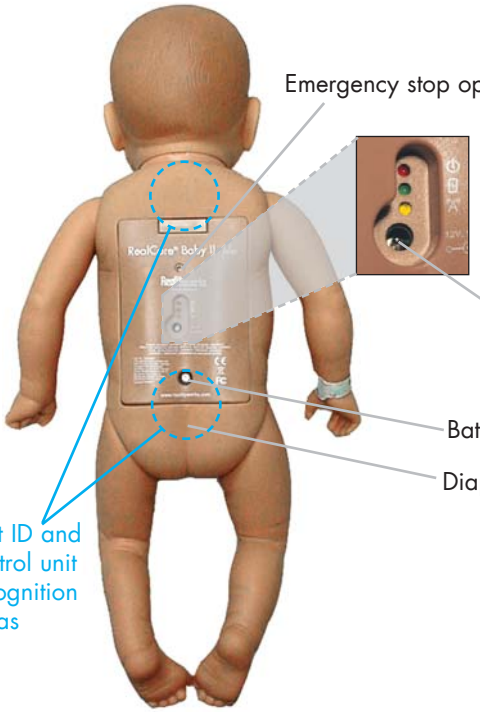
To change batteries:

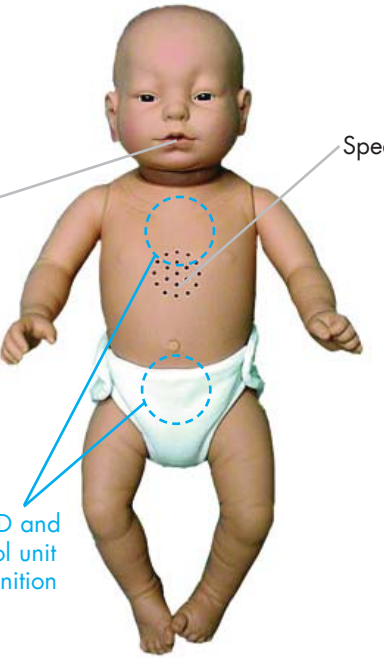
- Loosen the small screw at the bottom of the battery cover. Remove the battery cover.
- Insert four AA batteries as indicated by the plus/minus label in the battery compartment. The control unit beeps and displays the main menu when the batteries are installed correctly. Replace the battery cover and screw and tighten securely.

Simulation data is not lost from the control unit when you change batteries. The time and date should remain correct also.

Parts Identification

RealCare® Baby II-*plus* is an electronic infant simulator that cries to be fed, burped, rocked, and have its diapers changed. RealCare® Baby II-*plus* has a rechargeable battery module, LED display, an emergency stop feature, and complete wireless operation. Baby weighs 6.5 to 7 pounds, has a flexible neck, and a head that must be supported at all times.





Instructor key ring

Note: You should not open Baby's battery compartment unless a Realityworks Product Support Technician asks you to do so during a troubleshooting session.

Charging station
Included with orders of five Babies or more. Charges five Babies from one outlet.

Control Center software
To program Baby and retrieve data. Included with 20- and 30-Baby packages.

Single charger
Included with single Baby orders.

IDs
Wireless identification system.

DVD
Information for the student about how Baby works.

Wristband
Tamperproof, for use with IDs.

Breastfeeding device
With electronic sensor; clips to shirt to simulate breastfeeding.

Diapers
With electronic sensors to detect diaper change.

Control unit
To program Baby and retrieve data (alternative to Control Center software).

Bottle
With electronic sensor for bottle feeding simulation.

Battery cover

Programming Overview

You may use Control Center software or the handheld control unit to set up and program Baby. These are the basic steps to follow before a simulation can begin.

Setup

- Charge Baby
- Install software or set clock on the handheld control unit

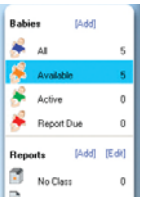
Program

- Add Baby to software database (Control Center only)
- Configure Baby and wireless IDs
- Set times/dates and difficulty level (infant schedules)
- Select optional data
- Transfer selections to Baby
- Attach IDs to tamperproof wristbands (keep configured IDs with corresponding Babies)

Using Control Center Software

Control Center automatically selects its screen display language based on your computer's regional settings (English or Spanish).

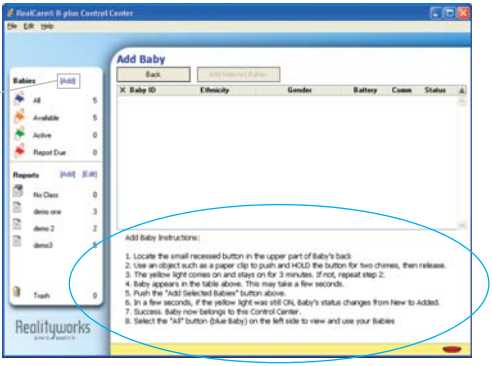
A complete Help Guide for using the software can be found on the CD (refer to the "Help" menu after the software is installed).



Adding Baby to the Software

Upon first use you must help the software recognize your Babies. Babies must be charged, Control Center must be installed and running, and the Communication Pod must be connected to your computer's USB port.

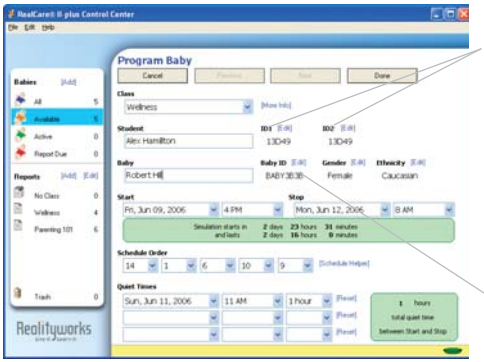
1. Select [Add].
2. The Add Baby screen appears with complete instructions for adding each Baby.



After Babies are added you can make all programming selections from your computer. The Communication Pod works with your personal computer using wireless technology. It sends your programming choices to each Baby and retrieves simulation reports. Baby and computer are in continuous communication while in range of each other.

Notes About Baby ID, Wireless IDs and Baby Name for Control Center Software

Baby comes from Realityworks with an assigned Baby ID, a combination of letters and numbers. This Baby ID is displayed on the Program Baby screen. You may change this to a more memorable name for your convenience by clicking [Edit].



"Program Baby" screen

ID 1 and ID 2 are the flat discs worn on wristbands to identify caregivers to Baby.

Baby ID is a factory-assigned combination of letters and numbers.

After you initially add a Baby to the software database and configure wireless ID 1 and ID 2, that Baby always corresponds to those IDs. Always keep Baby and its corresponding IDs together. Baby only responds to the configured IDs to ensure accountability (with the exception of "Demo" mode). For instructions on configuring ID 1 and ID 2, see the Control Center software Help Guide.

You may also allow students to name their assigned Baby by filling in the text box under "Baby" on the Program Baby screen. This name can be changed from one simulation to the next, and will appear on any birth certificates or reports you print from Control Center. The ID 1 and ID 2 numbers also appear on the printed birth certificate. This helps verify the correct IDs accompany Baby.

Printing Birth Certificates

You can print individual birth certificates from the All Babies screen. Information is set up to fill in the blank areas on Realityworks pre-printed birth certificate forms. Contact your product consultant to order birth certificate forms at 800.830.1416.

Using the Control Unit

RealCare® Baby II-*plus* is wireless. Point control unit toward one of the communication areas (see page 6) to transmit data. The control unit has easy-to-use screens. Simply scroll using the arrow buttons to make your selections.

Important Reminders:

- Set the clock in the control unit the first time you use it.
- To communicate with Baby, position the control unit within two inches of one of the areas illustrated on page 6 and HOLD IT there for at least 4-5 seconds. Baby should chime to confirm that it is receiving information from the control unit. If there is no chime, re-position the control unit and HOLD IT again for 4-5 seconds. Do not wave the control unit around Baby.
- Keep Babies at least six inches apart while programming.
- Removing the batteries from the control unit does NOT erase the data. The control unit stores data for 30 simulations. Data is listed from the oldest (bottom of list) to the newest (top of list). The oldest data is overwritten after more than 30 simulations have been downloaded.

Contact (for use with older model Babies)
To use with Original RealCare® Baby, you must touch the control unit contact to the contact point on Baby's back. This contact is not needed for RealCare® Baby II-*plus* or RealCare® Baby II models.

USB connection
Connect the control unit to a personal computer to download data.

LCD screen
Displays all options. Screens stay as you leave them.

Power button
Turns the control unit on and off.

Left arrow
- Returns you to the previous screen or Main Menu
- Accepts any changes made
- Scrolls left through data selections

Up arrow
Scrolls up through menu and data selections.

Down arrow
Scrolls down through menu and data selections.

Right arrow
- Accepts any changes made
- Advances to next screen if further options exist
- Scrolls right through data selections

Note: push and hold buttons to auto scroll through data selections.

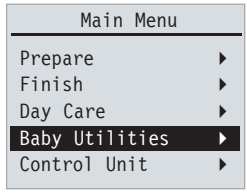
Help button displays a help screen about the option you are using.

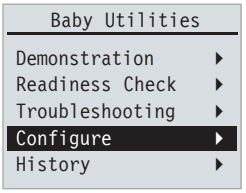
Configuring Baby with IDs

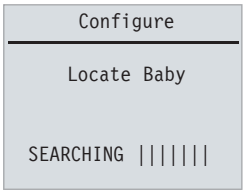
- Configure student ID(s) so they can be used with the same Baby for every future simulation. Keep configured IDs and corresponding Babies together.
- Optional steps: Give Baby a name for easy tracking of simulation data, and confirm Baby's ethnicity and gender.

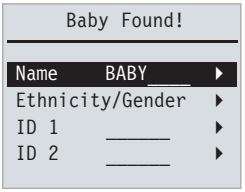
1. *Find out Baby's Current Configuration.*

Baby comes from Realityworks with a name (a combination of letters and numbers) and the proper ethnicity and gender assigned.





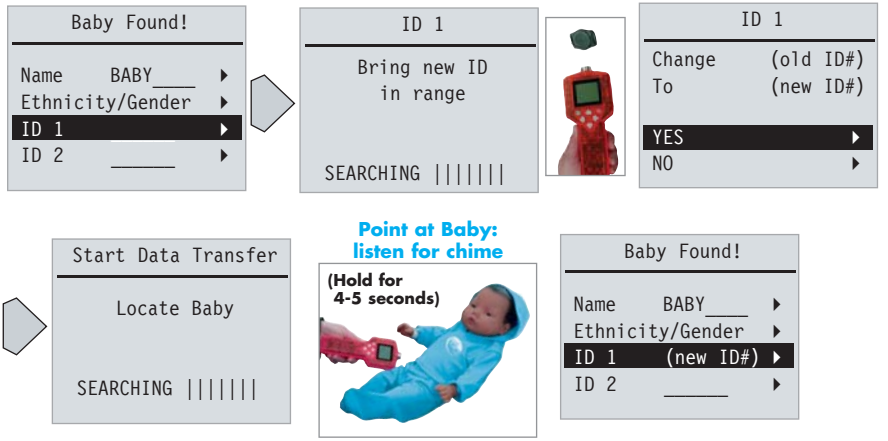




"Baby Found!" screen shows Baby's current configuration.

2. *Configure IDs.*

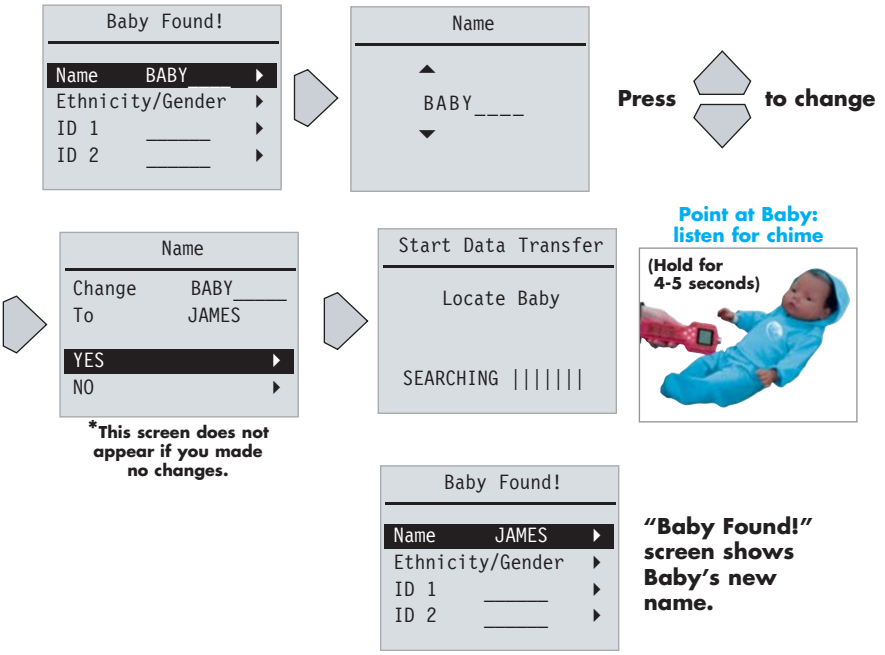
Baby uses wireless IDs to recognize its caregiver. Baby does not allow care without an ID. You may configure two IDs for each Baby (useful for assigning a babysitter). ID 1 is the "parent" and ID 2 (optional) is the "babysitter."



"Baby Found!" screen shows new ID number. Keep the configured ID(s) and Baby together. Baby will not recognize any other ID.

3. *Give Baby a New Name (optional).*

Baby's name appears on control unit menus and student reports.



*This screen does not appear if you made no changes.

"Baby Found!" screen shows Baby's new name.

Programming Baby for a Simulation

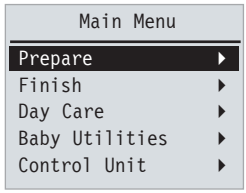
- Select the time Baby starts and stops the parenting simulation
- Select the difficulty level of the schedules Baby follows
- Select pre-set quiet times throughout the simulation
- Transfer these choices to Baby in preparation for a simulation

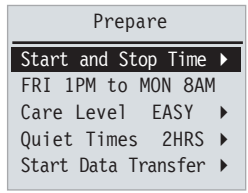
Control Center software users, please see the "Program Babies" section of the software Help Guide. Features convenient drop-down menus and automatic transfer of data to all Babies for fast and easy programming.

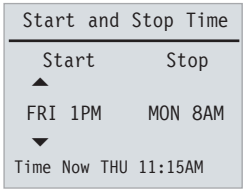
Handheld control unit users, please see below.

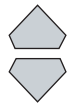
1. Choose Start and Stop Time.

Use arrow buttons to navigate through the menu options.







Press  **to change**

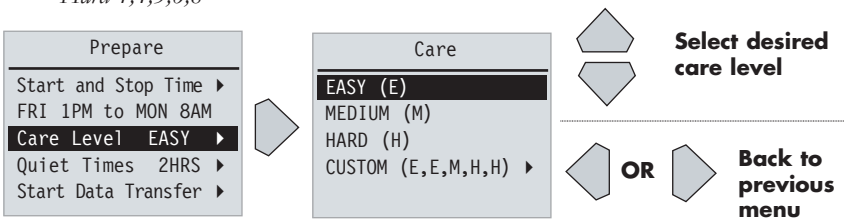
Push  **or**  **until you return to the main menu.**

Prepare menu now shows selected start and stop time.

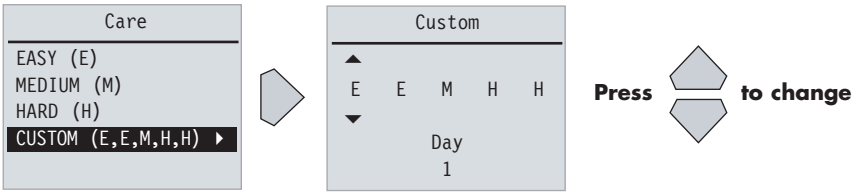
2. *Choose Care Level*

Each of the 15 infant care schedules is ranked by both length of care time and length of time in between care events. The schedules are based on the diaries kept by parents of real infants. "Easy" schedules require the least amount of care time and most amount of time between events. "Hard" schedules require the most amount of care time and least amount of time between events. "Medium" schedules are the five schedules in between.

- *Easy 9,11,12,13,15*
- *Medium 2,3,7,10,14*
- *Hard 1,4,5,6,8*



The custom option allows you to choose easy (E), medium (M), hard (H), or the any of the 15 specific schedules for each day. To select the custom option:



Parenting simulations longer than five days will run a continuous loop of the five schedules shown.

Push or **until you return to the previous or main menu.**

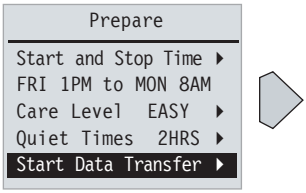
3. *Pre-set Quiet Times.*

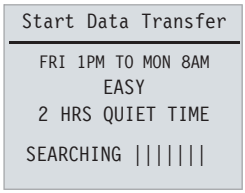
You may select up to three quiet times where Baby requires no care.

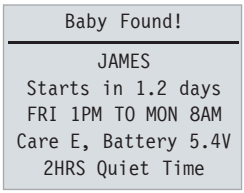
Choosing 0 (zero) for the hourly duration will clear a quiet time.
Quiet times programmed outside of the start and stop time are ignored.

Push or **until you return to the previous or main menu.**

4. *Transfer Your Choices to Baby.*







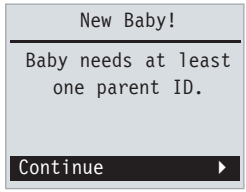
Baby has confirmed that it is ready for a simulation. *Want to double-check? Use the readiness check function on page 24.*

- Care E = Easy level of care (M=Medium, H=Hard).
- Battery 5.4V = see the chart on page 15.

(Second line may also read "Starts in __ hrs" or "Simulation Started" depending on your start time.)

Push  **or**  **until you return to the previous or main menu.**

Note: If you have not programmed any IDs with Baby, you will hear a chime and see this screen when you try to transfer your choices to Baby. See pages 11-12 to configure your Baby with the control unit.



Viewing Simulation Data and Working with Reports

- Get the simulation data from Baby
- End the simulation before the pre-programmed end time *(only necessary if you need to end a simulation early)*
- View simulation data on the control unit screen and Control Center reports

Please see the "Reports" section of the software Help Guide. Control Center automatically retrieves data and provides a detailed simulation report for viewing and printing from your personal computer. Reports are available in English and Spanish.

Handheld control unit users, please see below.

1. *Get Simulation Data*

Download simulation data from Baby; does not affect simulation.

Main Menu
Prepare ▸
Finish ▸
Day Care ▸
Baby Utilities ▸
Control Unit ▸

Finish
Get Data ▸
End Simulation ▸
View Report ▸
Print Report ▸
Print ALL NEW ▸

Get Data
Locate Baby
SEARCHING |||||||

Point at Baby: listen for chime

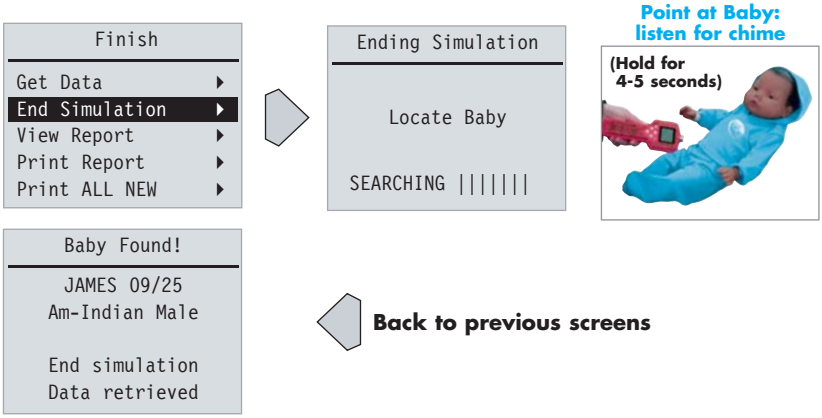
(Hold for 4-5 seconds)

Baby Found!
JAMES 09/25 Am-Indian Male
Data retrieved

Data now ready for viewing and printing. **Back to previous screens**

2. End the Simulation

Downloads simulation data from Baby and ENDS the simulation.



Be sure to use End Simulation before programming a new simulation, demonstrating Baby, or troubleshooting Baby. If simulation is not ended, all simulation data will be lost.

3. View Simulation Data

Data includes proper care, mishandling, total "cry time" for Baby, and a percentage of proper care (or performance overview) indicating how well the student managed the parenting simulation. Data is available as a report in Control Center or on the handheld control unit screen.

Proper Care: percent of time the student cared for Baby properly, including rocking, diapering, burping and feeding.

Missed Care: number of times a request for care was missed for more than two minutes. When neglect is recorded, Baby cries harder and the student must care for Baby to stop the crying. At the end of the care session, Baby does not coo. Only one instance of neglect will be recorded per care session. After five minutes without a response, Baby stops crying until the next care event.

Mishandle: number of times Baby was handled incorrectly. This includes wrong position, rough handling, lack of head support and Shaken Baby.

- **Wrong Position:** The number of times Baby was held upside down (head down) for more than two seconds or placed on its tummy for more than five seconds while sleeping (Baby sometimes makes breathing sounds during sleep time).
- **Rough Handle:** The number of times Baby was roughly handled. A rough handling event is a blow to the body, whether Baby is hit, dropped or burped too aggressively.
- **Head Support:** The number of times Baby's head was not supported.
- **Shaken Baby:** The number of times Baby was shaken (head moves back, forward, and back again within two seconds).

Simulation Reports

Sample Simulation Report Using Control Center Software

For detailed simulation reports, select a class folder from the Reports list on the left side of the screen and choose a student name/Baby. Your options include view, print, delete, or move the report to a different class folder. You may get a report while a simulation is still in progress and export reports (or copy/paste) for use with other computer programs.

S A M P L E R E P O R T

RealCare® Parenting Program Simulation Report

Realityworks

Live It. Learn It.

Class Parenting Ed 1

Student Grace Wilson **ID1** 13080 **ID2** 10004

Baby Hollie **HISPANIC** Hispanic Female

Start 4/10/2006, 10 PM **Stop** 4/14/2006, 6 PM

Schedule Order 5 1 13 3 14

Quiet Times Wednesday 11 AM, 5 hours

Message area for:
- Emergency Shutdown
- Neglect Shutdown
- Abuse Shutdown
- Battery Shutdown

Total Simulation Time: 3d 20h 0m **Baby cried 22 minutes total**

Proper Care		
Rock	9/10	90%
Diaper	32/32	100%
Burp	18/18	100%
Feed	38/38	100%
Average	97/98	99%

Mishandle		
Shaken Baby	0	0%
Head Support	0	0%
Wrong Position	0	0%
Rough Handling	1	-3%
Other		0%
Total	1	-3%

ID1 was used 92 times, ID2 was used 7 times

Performance Overview: 96%

Monday, April 10

Thursday, April 13

Tuesday, April 11

Friday, April 14

Wednesday, April 12

Thursday, April 13

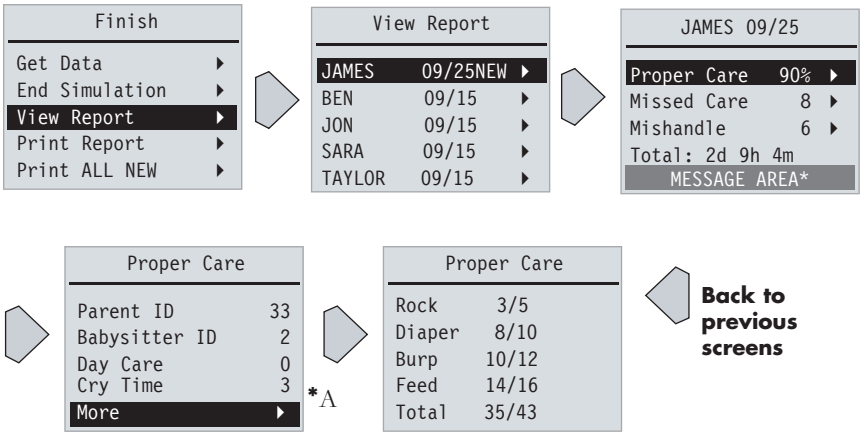
Comments:
Great job! You obviously took the simulation seriously.

Date Programmed: 4/10/2006 12:03 AM

Simulation Reports Using Handheld Control Unit

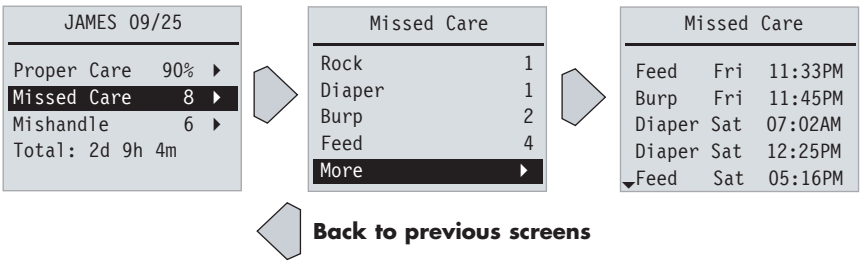
The control unit identifies reports by Baby name and the month/day the simulation was programmed.

Proper Care Screens

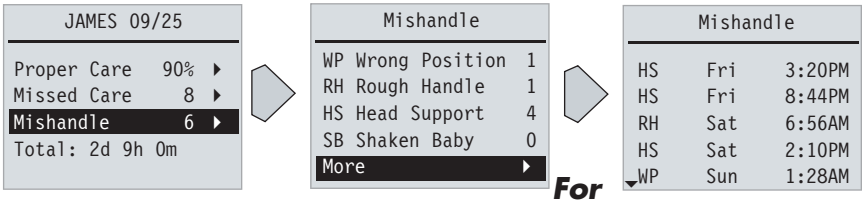


message appears on the bottom line of the main report screen if Baby stopped before the scheduled stop time:
E STOP = Emergency stop button was used
N STOP = Neglect stop: Baby was neglected for 12 hours and shut down
A STOP = Abuse stop: Baby was abused 24 times and shut down
B STOP = Battery stop: Baby's battery module lost charge and Baby shut down. One six-hour charge lasts up to five days.

Missed Care Screens



Mishandle Screens



For Facilitators Using a Combination of Realityworks Infant Simulator Models:

RealCare Student Reports™ Software (for reporting only, not programming) can still be used to download data from the control unit for RealCare® Baby II-*plus*, RealCare® Baby II and original RealCare® Baby.

If you have the Realityworks infrared printer for use with older model Babies you can print reports from the handheld control unit by selecting "Print Report" from the Finish menu.

For best results and optimal wireless programming and reporting, use Control Center software with RealCare® Baby II-*plus*.

The control unit stores reports for 30 simulations and overwrites the oldest reports after 30 simulations have been downloaded. RealCare Student Reports™ and Control Center software store an unlimited number of simulation reports.

Emergency Stop Feature

This feature can be used to stop Baby if the software or control unit are not available, or if the student needs to stop Baby in an emergency. *(We recommend that you tell students this only if they contact you in an emergency.)*

Use a straightened paper clip to gently press and hold the Emergency Stop button *UNTIL BABY CHIMES 6 TIMES.* (You may need to hold it for as long as 15 seconds.) Baby becomes inactive.

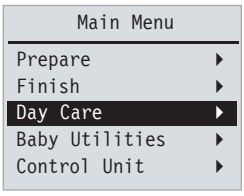
Note: This button is also used when adding Baby to the Control Center software database upon first use.

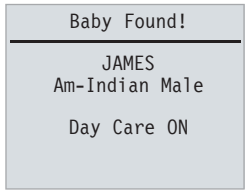
Day Care on Demand

Use this option to manually put Baby into day care mode at any time. Baby does not require care or respond to rough handling during day care, and resumes its simulation schedule when day care mode is turned off. Day care cannot be pre-programmed.

Choose Day Care by clicking the Day Care button on the Active Babies screen. Please see the "During the Parent Simulation" section of the software Help Guide.

Handheld control unit users, please see below.





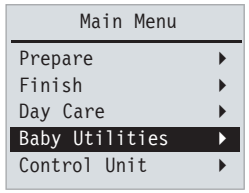
Day care is on until you select day care "OFF" to start Baby again.

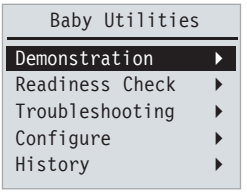
Demonstration Mode

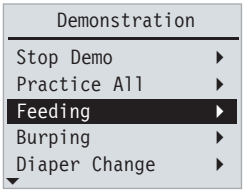
Demonstrate all of Baby's features. You can select one feature at a time, or use Practice All mode to run a random session of all care activities. Use any ID to communicate with Baby and briefly demonstrate the selected feature. See the next page for a chart detailing all demonstration activities.

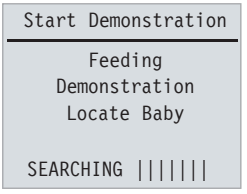
Choose Demonstration mode by clicking the Demo button on the All Babies screen. Please see the "Baby Demonstration" section of the software Help Guide.

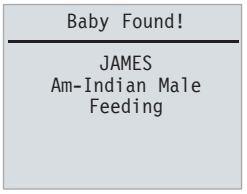
Handheld control unit users, please see below.











Back to previous screens and Main Menu

To stop the demonstration, select Stop Demo from the Demonstration menu, point the control unit at Baby, and listen for the chime.

Demonstration Activities

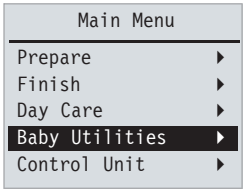
Activity	**Length**	**Action required**	**Feedback**
Stop Demo	N/A	None	Demo or practice session ends
Practice All	Continuous session of each activity	All the actions listed below in **random** order	Listed below
Feeding	60 seconds	ID Baby and put bottle to Baby's mouth	Coo
Burping	60 seconds	ID Baby and pat Baby's back gently	Burp
Diaper change	One change	ID Baby and change Baby's diaper	Coo
Rocking	60 seconds	ID Baby and rock Baby gently	Coo
Happy	One coo	None	Coo
Awake	60 seconds	Use to demonstrate upside down (head down) wrong position	None, unless Baby is held upside down to demonstrate wrong position; if so, Baby cries until position is corrected
Sleep	60 seconds	To test position, place Baby on tummy or head	Breathing sounds; cries in wrong position
Cough	One cough	None	Cough
Fussy	60 seconds	ID Baby; nothing will stop the crying	Crying stops
Head support	60 seconds	Let head fall back; rock Baby to stop crying	Crying stops
Rough handling	60 seconds	Hit or drop Baby; rocking Baby to stop crying	Crying stops

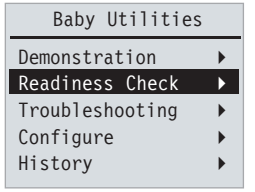
View Baby/Simulation Information

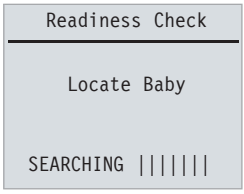
You may quickly check the simulation settings currently programmed into each Baby. This includes start and stop times, infant care schedules, quiet times and more.

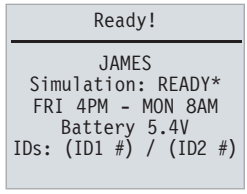
From the All Babies, Available, or Active screen, click any Baby ID and the View Baby Information screen will display. Please see the "View Baby Information Screen" section of the software Help Guide.

Handheld control unit users, please see below.









Back to previous screens and Main Menu

* READY = Simulation programmed but not started yet
ENDED = Simulation stopped
RUNNING = Simulation currently in progress
DAY CARE = Baby currently in day care mode

Troubleshooting Baby

If you are concerned about a malfunction, you can easily run a diagnostics check on all of Baby's functions with this option. Make sure to stop the simulation and retrieve the data before troubleshooting Baby. All stored data will be lost.

Gather these items:

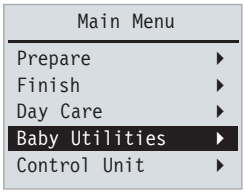
- Baby
- Bottle
- Diapers (remove diapers for testing)
- IDs

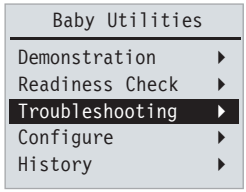
Select a Baby from the list, click the Maintenance button on the All Babies screen, and click the Troubleshooting button to start the diagnostic test. See the chart on page 26 for specific functions and action needed from you to complete the diagnostic test. Information appears on screen as the diagnostic test is performed. Allow time for the computer to communicate with Baby between each function test. Please see the "Troubleshooting" section of the software Help Guide.

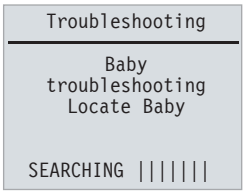
Handheld control unit users, please see the next page.

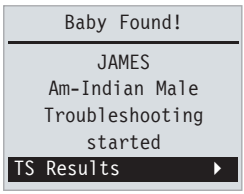
For additional assistance or to set up a repair, call Realityworks Product Support at 800.830.1416.

Please do not send your Baby to Realityworks before contacting Product Support for assistance. You will be given a Return Materials Authorization number and special packaging and shipping information. This will ensure that your return and repair is handled quickly and accurately. Thanks for your cooperation.







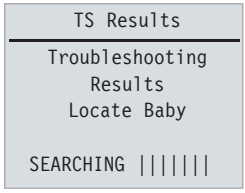


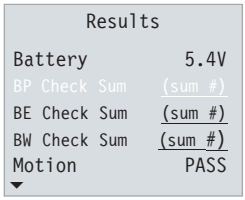
Do NOT press the right arrow to enter the TS Results screens. Six seconds after the Baby Found! screen appears, Baby will coo. Leave the screen as is and move to the next step.

Perform the following tests in any order. You can test every function, or only the functions you are concerned about. **Retrieve simulation data from Baby BEFORE performing these tests. All data will be lost if you do the troubleshooting tests before retrieving the data.*

Function tested	Control Center abbreviations	Action needed from you	Baby's response if function works
Battery		None (automatic)	None
Memory	CS	None (automatic)	Coo
Motion	Mov	Move Baby	Cough
Position	Mov	Hold Baby on tummy, then head-down	Two chimes
Feeding	Btl	Bring bottle to Baby's mouth	Chime
Neck Forward	Nf	Tilt Baby's head forward	Whimper
Neck Backward	Nb	Tilt Baby's head backward	Two whimpers
Rough Handling	RH	Strike Baby on its right side just above the hip	Three whimpers
Yellow Diaper	Yel	Place yellow patch diaper on Baby	Chime
Green Diaper	Grn	Place green patch diaper on Baby	Chime
Wireless ID	ID	Hold ID close to Baby's belly button	Chime
Emergency Stop (E STOP)	ES	Push Emergency Stop button with a straightened paper clip	Chime
All tests PASS	None	None (automatic)	Coo

When you have finished performing all the tests you want, proceed to these steps.





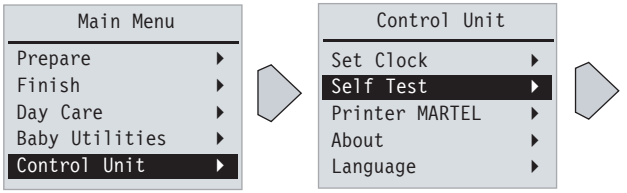
Ignore the "Check Sum" lines.

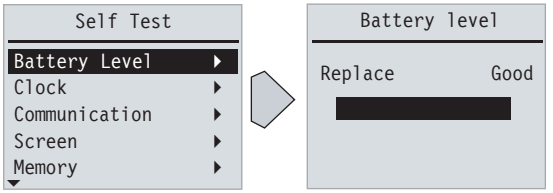
"PASS" is shown if item passed the test; blank if item failed or was not tested. See chart on previous page for testing details.

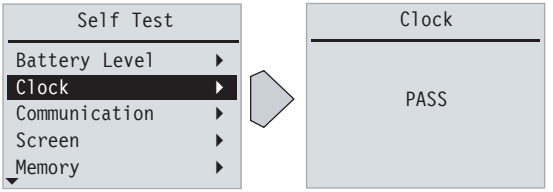
If your Baby fails a diagnostic test, please contact Realityworks Product Support at 800.830.1416.

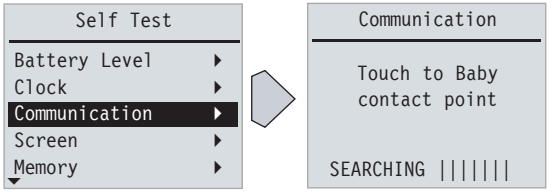
Control Unit Self Test

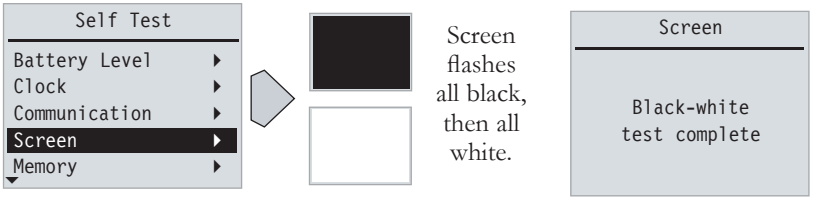
The control unit checks its internal systems with this option.

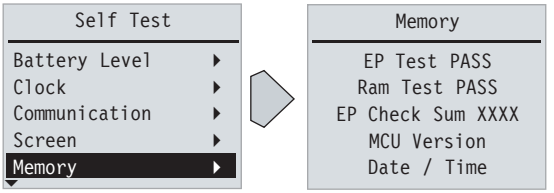








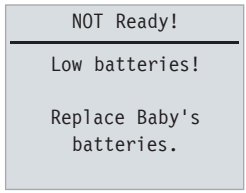




Low Battery Information

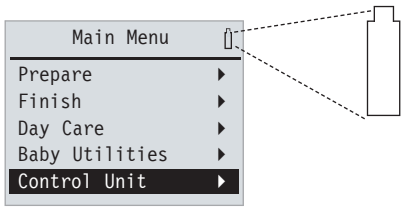
Battery module charge status for each Baby is available on the main software screen.

If Baby's batteries are low, the control unit screen will display a message when you try to send simulation programming to Baby.



The message means that the battery module is not strong enough to begin a simulation. Please recharge Baby's battery module.

If the control unit batteries are low, you will see this symbol in the top right-hand corner of the screen:



Please put fresh batteries in the control unit.

Neither the control unit nor Baby lose data when the batteries are changed or lose power.

Battery Voltage (shown on Baby Found screen during Prepare and Readiness Check options)	Red LED (on back of Baby)	Battery Status
5.4 – 6.0 volts	On	Full Charge
4.9 – 5.1 volts	Flashing	0-2 days left
4.8 volts	Flashing	Recharge batteries
4.7 volts	Off	Baby shuts down (battery stop)

Care, Maintenance, and Storage

Never immerse Baby in water. Never allow water to come in contact with the electronics in Baby's back. Baby wipes work best for simulating a bath.

Baby's skin stains easily. The vinyl soaks up inks and dyes. Keep Baby away from:

- Newsprint and other printed material.
- New, unwashed clothing–especially jeans, sweatshirts, and fleece.
- Pens and markers.

There is no cleaner that removes all dirt or stains. These cleaners may work:

- Acne cleansing pads and creams
- Rubbing alcohol
- Nail polish remover
- All-purpose cleaner

Do not use any cleaners or abrasives on Baby's head. These items will remove the paint. Wipe the head with a baby wipe or wet cloth to remove any surface dirt.

Baby's joints have been specially treated and should not dry out. If the joints do become stiff, joint lubricant may be purchased from Realityworks to prevent the tearing that results from dry vinyl. One tube of the joint lubricant can be used for up to 40 Babies.

Never store the batteries in the control unit. Battery leakage can damage or destroy electronics. **Battery leakage is not covered by warranty.**

Baby should not be plugged in for long periods of time (more than one month). Babies store best at low charge, unplugged, and in a cool environment.

Do not store Baby where excessive heat or cold could affect the vinyl or electronics.

Baby's clothes are NOT flame retardant and should not be worn by real infants.

If you store Baby in its shipping box, place Baby in its plastic bag to prevent paint damage. The cardboard will rub paint off the back of the head. **NEVER wrap Baby in newsprint.** The ink will leave permanent stains on Baby's body. The warranty does not cover damage to Baby's vinyl body.

Frequently Asked Questions

Is there any latex in Baby or the bottle?

No. Baby and all accessories do not contain any latex.

The Baby/battery module become warm during charging. Is this normal?

Yes. Heat is a natural by product of the charging process. A fuse and thermal cutout protect the batteries, the electronics, and the Baby in the event of a real problem.

How long does it take to charge Baby?

A completely drained battery module takes 6 hours to charge.

How long does a charge last?

From a full charge, the battery module will power a simulation at least five days.

How long can I leave the charger connected to Baby?

It does not harm Baby or the rechargeable battery module to leave the charger connected for up to one month at a time. Leaving the charger connected for longer than one month can reduce the capacity of the battery module.

How long will the rechargeable battery module last?

The battery module will last up to 500 cycles or up to 6 years. Many factors will influence the actual life. To maximize useful battery life:

- Store Babies in a cool environment.
- Try to charge batteries every 3-6 months, even when not in use.
- Don't leave Baby connected to a charger while in long-term storage (greater than one month).

I fully charged my Baby, but the Control Center software shows only a partial charge.

The charge may have stopped prematurely—ensure Baby is not sitting in direct sunlight and is away from heat sources.

The Control Center software updates the battery status every few minutes. Wait a few minutes to ensure it is up-to-date.

If after 10 minutes it is still showing a less-than-full charge, the fuel gauge may need to be re-calibrated. Contact Product Support at 800.830.1416 for instructions.

What does the green charging light mean?

The green LED indicates what the status of the charge process is. If the batteries are completely drained, the green LED will flash while the batteries are "trickle charged" to a safe fast-charging state. The green LED stays solid throughout the fast charge, and turns off when it is complete.

When do you configure Baby?

You can configure Baby at any time before the start of a simulation. Once a student ID is configured to a specific Baby, that ID only works with that Baby unless it is reconfigured. It is important to keep Baby and the ID together once they have been configured for each other.

How many Babies can I program at once?

There is no maximum number of Babies you can program at one time. However, the maximum number of Babies the control unit will store simulation data for is 30. Control Center software will store as many reports as your computer can handle.

The Communication Pod is connected but the Babies do not respond. The Pod icon in the lower right corner is red and the Pod LEDs have stopped flashing. What should I do?

Restart your computer.

How long in advance can I program the simulation?

You can program Baby up to seven days in advance.

How can I stop a simulation early?

Baby can be stopped early by three methods. The first is to use the End Simulation feature on the control unit. The second is to use the Stop button in the Control Center software. The third is the Emergency Stop feature. Use a straightened paper clip to gently press and hold the Emergency Stop button until Baby chimes six times. (You may need to hold it for as long as 15 seconds.) Baby is now inactive until Baby is reprogrammed.

I programmed another simulation, but it has not started yet. Is there any way to retrieve the previous simulation's data?

NO. The Demonstration option, the Practice option, and programming Baby for a new simulation erases the data stored in Baby's computer. Make sure you use Get Data, End Simulation, or the Control Center software to download the data from Baby before practicing, demonstrating, or programming.

What is the difference between ID 1 and ID 2?

ID 1 is usually the parent ID. ID 2 is a second ID often used as the Babysitter ID. When the simulation data is viewed or printed out, the IDs are called Parent and Babysitter, not ID 1 and ID 2.

How can I tell if the IDs are working properly?

Select Baby Utilities from the control unit Main Menu, and then select Configure. Configure the ID to Baby (instructions on page 11). If the IDs are successfully configured to Baby, they work properly.

Are the IDs waterproof?

Yes, all IDs are waterproof and may be submerged in water. Dry the ID off completely before using it. The IDs do not contain batteries.

What is the difference between a Quiet Time and Day Care?

Quiet Times are pre-set periods of time throughout the simulation when Baby does not request care from the student, and are in one-hour intervals up to 12 hours. There are three quiet times available per simulation. Baby will not ask for any care during the quiet time, but Baby will cry for head support failure, rough handling, and wrong position. An example of when to use a quiet time would be when a student will be at a sporting event and no babysitter is available.

Day Care is a feature turned on and off by the instructor with the control unit or Control Center software by selecting "Day Care" on the Main Menu. You can put Baby into day care at any time during the simulation. Baby stays in day care until you take Baby out of day care. Baby will not cry for care or respond to head

Frequently Asked Questions (cont.)

support failure, rough handling, or wrong position while in day care.

How long will Baby cry before it records a neglect?

Two minutes.

What are the highest event numbers?

The largest number for numerical displays such as missed care or mishandling is 254.

Students complain that Baby cries during feeding, even if the bottle or breast feeding device is held in the proper place.

RealCare® Baby II-*plus* needs to be held and sense movement while being fed. If the student props the bottle up to Baby's mouth and lets Baby lie down and feed, Baby will cry due to lack of movement. Students can no longer prop up the bottle and let Baby feed on its own. They must hold Baby during a feeding.

My report summary shows five mishandling events, but only two are shown on the detail screen. What happened?

Baby counts all mishandling and missed care events but only stores detail information for a combined total of 49 mishandling events and missed care events together. The student had five mishandle events, but only two of them were recorded before the first 47 missed care events occurred.

The report shows that there were 8 abuses but the student has 100 percent proper care.

Abuses are counted as mishandles and do not effect the proper care percentage.

Baby shut down before the scheduled stop time. What could have caused Baby to turn off early?

RealCare® Baby II-*plus* is designed to shut down if one of four events occurs. To determine what may have caused a shutdown, be sure to use "End Simulation" and then view the simulation report. Look at the bottom line of your control unit screen or the Control Center report screen for any of the following:

E Stop = Emergency Stop button was used.
N Stop = Neglect Stop. Baby was neglected for 12 hours and shut down.
A Stop = Abuse Stop. Baby was abused 24 times and shut down.
B Stop = Battery Stop. Baby shuts down when batteries go below 4.7 volts. Baby needs to be recharged.

How do I individually demonstrate care events?

With Control Center software, select the Baby you wish to demonstrate, then click the Demo button to enter the demonstration screen. Refer to the Control Center Help Guide for more details. With a control unit, select Baby Utilities from the Main Menu, and then choose Demonstration. Scroll down to the specific care activity you would like to demonstrate.

How much time elapses between each care event in Practice All mode?

When using the Control Center to perform demonstrations, the default is 30 seconds, though you can change this time to 10–255 seconds. With a control unit, there are approximately 30 seconds between each care event in Practice All mode.

Are the diapers washable?

Yes. Washing the diapers does not affect the sensors. See the tags on the diapers for washing and drying instructions.

The student immersed Baby in water.

Take off Baby's arms and legs. Remove battery cover and drain any water from tray. Do not touch the electronics or batteries. Lay Baby on its belly to dry for at least one week. Then try charging the battery module. If the LEDs turn on, try programming Baby and perform a troubleshooting test. If they do not turn on, contact Realityworks Product Support at 800.830.1416.

Why is Baby buzzing or making strange noises next to electronic devices?

Some electronic devices, like cell phones, create a lot of interference. This is most easily observed in Baby's sounds. This interference will not harm Baby. Both the control unit and Baby are tested to ensure that such interference does not damage the electronics or cause any lasting effect. Both the control unit and Baby are tested to international and FCC standards to ensure that their radiated emissions are within safe and acceptable limits and do not pose a danger to people or other electronic devices.

How do I clean Baby?

Try any of the following cleaners to remove dirt stains:

- Goop® Hand Cleaner with Pumice
- GoJo® Orange Pumice Hand Cleaner
- Baking soda
- Tech cleaner
- Soft Scrub® Cleanser without bleach
- Oxi Clean
- Mild dish soap
- All-purpose cleaner
- Acne cream
- Rubbing alcohol

Realityworks has found NO effective product to remove ink stains from Baby's vinyl. Depending on the type of cleaning that needs to be done, you may use a green kitchen scrubby or the equivalent to rub the cleaner on the stain. You can then remove the cleaner with a damp cloth.

IMPORTANT: Do NOT use any cleaners on Baby's painted areas, including head, lips and cheeks. Use only a mild soap and water solution and soft cloth on these areas.

Frequently Asked Questions (cont.)

The control unit does not turn on.

The batteries in the control unit could be low. Change the batteries and try the control unit again. No data is lost.

Do I have to reset the control unit clock for daylight savings time?

Yes. To reset the clock, select Control Unit from the Main Menu, and then choose Set Clock. Press the up and down arrows to change the time.

Do I have to reset the control unit clock for leap years?

No. The control unit is designed to take leap years into account.

Can I start Baby without a control unit or Control Center?

No. There is no Emergency Start option with RealCare® Baby II-*plus*.

How much simulation data can the control unit store?

Data for up to 30 Babies. After data for 30 Babies has been stored in the control unit, the oldest simulations will automatically be deleted with each new simulation that is downloaded.

The control unit stays on the "SEARCHING" screen and nothing seems to be happening.

Baby may not be in the control unit's range for communication. The best control unit communication areas on Baby are on the upper chest and lower belly region in both the front and back of Baby. Hold the control unit two inches from one of the target areas shown on page 6, and hold it steady for five seconds. Do not wave the control unit around Baby. If the "SEARCHING" screen remains, check the battery levels of both the control unit and Baby.

The control unit shows a Total Crying Time of 999 minutes.

The largest number possible for crying time is 999 minutes. Crying time includes all crying for rough handling, wrong position and neglect, as well as scheduled crying for care.

The control unit is in the wrong language.

Turn the control unit off, then back on. This will bring you to the Main Menu.

1. Scroll down to the last option on the screen and press the right arrow.
2. Again, scroll down to the last option on the screen and press the right arrow.
3. Scroll up to the first option (English) and press the right arrow.

Is the control unit broken when the screen looks like this?

No. You or someone else accidentally selected Japanese for the control unit's display language. See the answer to the previous question for instructions on changing the language.

How will I know when it's time to replace batteries in the control unit?

A battery symbol appears in the top right-hand corner of the control unit screen when batteries start to weaken: You may also check the battery level by using the Self Test option on page 28.

What is the USB port on the control unit for?

Stored simulation reports can be downloaded from the control unit to a desktop computer for additional grading and printing options with RealCare Student Reports™ software. Contact Product Support for details.

The bottle cover is missing. Can I get a replacement?

Yes. Call Customer Service at 800.830.1416 to order replacements.

Can I use the grading system I use for my older Babies?

Yes. However, RealCare® Baby II-*plus* has additional reporting features to help with the grading process. Suggestions for grading can also be found in the Program Manual.

Can I use any diapers or bottles with my Babies?

No. Diapers and bottles other than the ones supplied by Realityworks do NOT work with Baby. Any Realityworks bottle will work with original RealCare® Baby, RealCare® Baby II, and RealCare® Baby II-*plus*. Original RealCare® Baby diapers with blue and white patches do NOT work with RealCare® Baby II or RealCare® Baby II-*plus*. RealCare® Baby II diapers with green and yellow patches work with RealCare® Baby II-*plus* but do NOT work with original RealCare® Baby.

Glossary

About
Shows the version number and manufacture date of your control unit.

Baby Utilities
Menu where the Demonstration, Readiness Check, Troubleshooting, Configure, and History options are located.

Care Level
The frequency and length of care Baby requests during the parenting simulation. Choose from EASY, MEDIUM, and HARD levels in the control unit.

Configure
Menu where the name, ethnicity/gender, and IDs for a particular Baby can be changed.

Control Center software
Computer software used for all programming, data retrieval, and troubleshooting interactions with Baby.

Control unit
The handheld device used for all programming, data retrieval, and troubleshooting interactions with Baby.

Day Care
Option you can activate on demand when the student can't care for Baby. Baby does not request any care when the day care option is activated.

Demonstration
Helps you demonstrate each of Baby's actions individually, i.e. feeding, burping, rocking, etc.

End Simulation
Stops the parenting simulation and downloads the data.

Finish
Menu where you can get data from Baby's computer, end the parenting simulation, view a report of simulation data, or print a report of the data using an infrared printer from Realityworks.

Get Data
Downloads simulation data from Baby's computer.

History
Displays history for a Baby.

ID
Small circular device worn on a wristband by the student caring for Baby.

Language
Select from five display languages in the control unit: English, Spanish, Japanese, French, and German.

Locate Baby
Control unit screen text that means the control unit is trying to communicate with Baby (point control unit at area shown on page 6 and hold it for 4-5 seconds).

Mishandle
Number in the simulation data report that shows how many times the student did not support Baby's head, roughly handled Baby, placed Baby in a wrong position, or shook Baby (Shaken Baby Syndrome).

Missed Care
Percentage and total in the simulation data report that shows how often the student did not provide care to Baby within two minutes.

Original RealCare® Baby
Previous model of Baby. Uses touch IDs and a smaller, square control unit.

Practice All
A shortened sequence of all Baby's care events, used for student practice in the classroom before taking Baby home (under the Demonstration option).

Prepare
The control unit menu where you choose a start and stop time for the simulation, an EASY, MEDIUM, or HARD level of care, pre-set any quiet times where Baby requires no care, and transfer those choices to Baby.

Print Report
Prints simulation data using Control Center software, RealCare Student Reports™ software, or an infrared printer from Realityworks.

Proper Care
A percentage and tally in the simulation data report that shows how often the student provided care quickly (within two minutes). The higher the percentage, the more times the student gave good care.

Quiet Times
Pre-set periods of time throughout the simulation when Baby does not request care from the student.

Readiness Check
Double-checks your simulation choices for a Baby and displays a report on the screen.

Searching
Text that means the control unit is trying to communicate with Baby (point control unit at area shown on page 6 and hold it for 4-5 seconds).

Self Test
Tests all control unit functions.

Set Clock
Task where you set the clock, ensuring the start and stop times and Baby's schedules follow the actual time of day.

Troubleshooting
A quick way the control unit can find any technical problems with a Baby.

View Report
Allows you to view simulation data on screen.

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