



TRUlase User Manual

Version 1.0



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TRUlase Range

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Introduction

Designed and produced by TruCorp, The TRUase range of products brings highly realistic and fully functional laser training models to the market.

The main and most important component of the TRUase range is the unique TLT material which has been tested with various lasers and acts similarly to natural tissue.

The innovated development and manufacture approach used makes the TRUase range unique. The main features of the TRUase range which makes it unique include;

- Designed and manufactured using feedback from world experts in their given professions.
- Small and compact design make it ideal for transporting
- Seamless construction for real life functionality.
- Easily interchangeable inserts for greater functionality.

Introducing the TRUlase product range



TRUlase Prostate

Trucorp are proud to introduce the first model into the Trucorp 'TRUlase' range of surgical skill trainers 'The TRUlase Prostate' which is used for enucleating enlarged prostates through the process of Holmium laser enucleation of the Prostate (HoLEP). Combining feedback from industry experts we have developed an ergonomic efficient model which can be used to teach Holmium laser handling and techniques during HoLEP in a workshop, Industry booth, or theatre environment under fluid conditions.

The model is comprised of a unique design that allows;

- Easily interchangeable prostate specimens to be removed and inserted quickly after each procedure
 - Fast and efficient trainee demonstrations, classes and workshops.
 - The model can be used with standard endoscopy equipment of the urologist's choice
 - Small and compact making it is easy to transport
- All these features make an ideal system for both demonstration of the HoLEP technique, as well as for training.

Contents

Included in the black carry case are the following items

- 1 x TRUlase Prostate
- 1 x CD user manual

TRUase Gyn



The second addition to the Trucorp range of 'TRUase' surgical skill trainers is 'The TRUase GYN' used for Colposcopy Co2 laser Microsurgery. The TRUase GYN can be used for the removal of polyps, cysts, abscesses of the mucosal and vaginal canal with the addition of abnormal cells on the cervix via a CO2 laser.

TRUase GYN features include;

- Compact and simple design
- Ease of transport
- Anatomically correct cervix with abnormal cysts and polyps present
- Hands on practice for Co2 laser use and procedures involved.
- Easily interchangeable vaginal insert which can be replaced after each procedure
- Trucorp's specially designed material which is compliant with a CO2 laser with muscle like characteristics and performance.

The models unique design allows easily interchangeable vaginal/cervical laser inserts to be removed and inserted quickly after each procedure, speeding up trainee demonstrations, classes and workshops. It can be easily transported and makes an ideal system for both demonstration of the Colposcopy technique, as well as for training.

Contents

Included in the black carry case are the following items

- 1 x TRUase Gyn
- 1 x CD user manual

Quick set up guide for TRUase Prostate

1. Remove the TRUase unit from the black carrier case
2. Remove the red sealing cap from the top end of the model to reveal the cavity for the insert
3. Take the prostate insert out of the vacuum packaging and insert into the top cavity hole, ensuring the that ejaculatory ducts and pointing towards the urethra.
4. Re attach the red sealing cap to prepare the model ready for us.
5. Carry out the Holep procedure as normal on the model under fluid conditions. A generous amount of lubrication is advised during this process.
6. Once the process has been complete, remove the top sealing cap, remove the prostate insert and copy previous steps in inserting a new prostate insert.
7. Ensure that all devices are prepared to the manufactures recommendations and instructions. Before insertion of the device generous amounts of lubricant should be used to cover the surfaces in contact with the urethra.
8. Please ensure that the TRUase Prostate is cleaned after continued use. The model can be cleaned thoroughly by removing the sealing cap from the back end and water flushed throughout to ensure a clean and deposit free bladder.
9. Please replace the TRUase unit back into the carrier case and store in clean, dry conditions away from heat and light; avoid contact with metals, solvents, oils or greases and strong detergents.
10. **Also please ensure that the prostate insert is not removed form the packaging until it is needed for use as this will inadvertently cause drying out of the insert and thus make it unusable.**

Quick set up guide for TRUlase Gyn

1. Remove the TRUlase unit from the black carrier case
2. The cavity for the entry of the insert is located along the vaginal wall and will be ready for use.
3. Remove the Gyn insert out of the vacuum packaging and insert the Gyn insert into the vaginal cavity hole.
4. Ensure the Gyn insert is inserted correctly and the fume excavation hole is lined up with the corresponding hole on the model.
5. Carry out the Colposcopy procedure as normal on the model
6. Once the process has been complete, remove the Gyn insert and copy previous steps in inserting a new Gyn insert.
7. Ensure that all devices are prepared to the manufactures recommendations and instructions. Before insertion of the device generous amounts of lubricant should be used to cover the surfaces in contact with the Vaginal wall.
8. Please ensure that the TRUlase Gyn is cleaned after continued use.
9. Please replace the TRUlase unit back into the carrier case and store in clean, dry conditions away from heat and light; avoid contact with metals, solvents, oils or greases and strong detergents.
10. **Also please ensure that the Gyn insert is not removed from the packaging until it is needed for use as this will inadvertently cause drying out of the insert and thus make it unusable.**

Disclaimer: The TRUlase range has materials that with misuse or misdirection of a laser can cause very damaging effects to the model and destroy the outer silicone material. Also there is a high risk chance of fire damage to the models when exposing the laser to the areas mentioned above, other than on the applicable insert parts. The inserts should be the only area that is in direct contact with the laser. Misuse or application of the laser at any other location on the model other than the designated inserts will result in warranty being void. The laser should only be used for the inserts and not the silicone parts. Again this would make the warranty void. Trucorp take no responsibility for damage caused by mis use.

Adequate ventilation is required when using the model in a theatre environment when using the inserts with a CO² or Holmium laser. The potential gases released have not been fully characterised and please ensure minimal exposure.

Care and maintenance

Cleaning and Storage

Store in clean, dry conditions away from heat and direct sunlight; avoid contact with metals, solvents, oils or greases and strong detergents.

Thoroughly wash the TRUlase products in warm water, using a dilute (8-10% w/w) sodium bicarbonate solution until all visible foreign matter is removed.

Mild detergents or enzymatic cleaning agents may be used on TRUlase products in accordance with the manufacturer's instructions and at the proper dilution. The detergent must not contain skin or mucous membrane irritants.

Clean the device using a small soft bristle brush (approximately ½ inch or 12.5mm in diameter). Thoroughly rinse the products in warm flowing tap water to remove cleaning residues. Carefully inspect the device to ensure that all visible foreign matter has been removed.

Please DO NOT USE any of the following when cleaning the TRUlase product range

- Germicides, disinfectants, or chemical agents such as glutaraldehyde (e.g. Cidex®),
- Ethylene oxide, phenol-based cleaners or iodine-containing cleaners

Such substances are absorbed by the TRUlase materials, resulting in exposure of the user to unnecessary risk and possible deterioration of the device.

Do not use a device that has been exposed to any of these substances.

Warranty

TruCorp warrants this unit to be free of defects in materials and workmanship and to give satisfactory service for a period of 1 year from the date of purchase. The TruCorp warranty can now provide an additional 2nd or 3rd year warranty onto the products which will ensure full model repairs and returns and any other issues with the model at an extra premium price. Please contact sales for more details.

This ensures that our customers receive maximum coverage on each product. If the unit should malfunction it must be returned to the factory for evaluation. Upon examination by TruCorp, if the unit is found to be defective it will be repaired or replaced at no charge. However this warranty is VOID, if the unit shows evidence of having been tampered with or shows evidence of having been damaged by excessive heat, the use of sharp instruments, misapplication, misuse or other operating conditions outside of TruCorp's control. Components which wear or are damaged by misuse are not warranted and will be charged if repair has been approved.

Before returning any models please contact TruCorp. To avoid delays please ensure the following information is available

1. Returnee's name, address and phone number.
2. Model and serial numbers
3. Repair instructions with potential issues (with images if possible)
4. Apparatus/devices and number of uses on the model

Please direct all warranty and repair requests/inquires to

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