

Minimal Access Therapy Technique Trainer (MATT) Trainer - Standard User Guide



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Issue 4, March 2007
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Minimal Access Therapy Technique (MATT) Trainer - Standard

Part No: **50150**

A portable laparoscopic technique trainer for structured and staged 'hands-on' training.

The carrying case unfolds to provide an integral work surface and tray in the base, and storage compartment in the lid. The base unit, onto which the Soft Tissue Retaining Set can be placed for the presentation of soft tissue components, can be used for open surgical practise, or with the frame and abdominal wall in place, for laparoscopic technique training.

A wide range of Limbs & Things synthetic soft tissue components can be introduced to teach techniques in line with the trainees' clinical progression, and their chosen specialty.

Skills

- Hand-eye co-ordination
- Use of laparoscopic instruments (not supplied)
- Techniques and skills depending on the synthetic soft tissue component presented

Features

- Includes 3 Small Surgical Dissection Pads. Each allows seven core laparoscopic techniques to be practised
- Includes the easy-to-use and versatile Soft Tissue Retaining Set
- Unique Limbs & Things Abdominal Wall enables the trocar and instruments to be triangulated freely; instruments can be placed laterally as well as ventrally
- Durable Abdominal Wall enables the repeated introduction of instruments and the sealing of their port holes after use
- Easy to clean and maintain
- Supplied with the Laparoscopic Arm which holds scopes and other instruments (5-14mm diameter) securely and safely allowing trainees to work alone
- Portable
- Easy to clean and maintain
- Suitable for wet and dry skills laboratory work

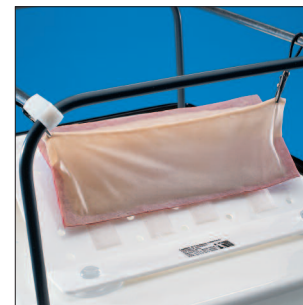
Package supplied

- 1 **Laparoscopic Arm** Part No: **50147**
- 1 **MATT Abdominal Wall** Part No: **50146**
- 1 **Soft Tissue Retaining Set** Part No: **50151**
- 3 **Small Surgical Dissection Pads** Part No: **50118**
- 1 carry case with base, frame & securing clips
- 1 non-slip mat
- Port hole sealant

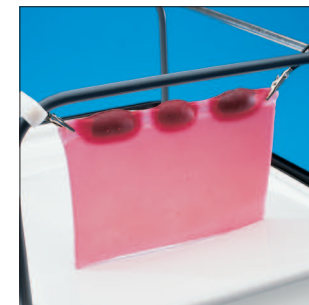
Compatible soft tissue components



Surgical Dissection Pads
Large Part No: **50114**
Small Part No: **50118**



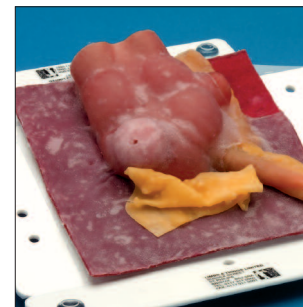
Gynae Disscetion Pad
Part No: **50116**



Ectopic Pregnancy
Part No: **60315**



**Gall Bladder with:
Normal Anatomy**
Part No: **50127**
Bifurcated Cystic Artery
Part No: **50128**
Short Cystic Duct
Part No: **50129**



Vermiform Appendix:
Normal Part No: **50122**
Post-ileal Part No: **50123**
Retrocaecal Part No: **50124**



Double Layer Bowel
30mm Part No: **50061**
20mm Part No: **50065**

Product handling and care

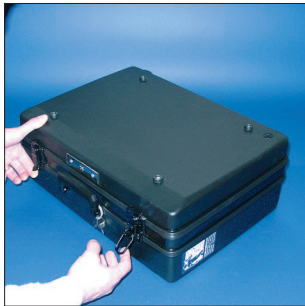
The MATT Abdominal Wall contains natural latex. Persons allergic to latex should wear latex free gloves when handling the Trainer.

Wash your hands before touching the foam. If the foam is handled after contact with certain metals, such as copper coins, it becomes yellow and discoloured.

Practice normal hygiene after handling the Trainer.

Setting up the MATT Trainer

1



Place the MATT Trainer on the bench top with the feet uppermost.

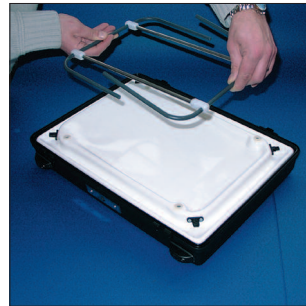
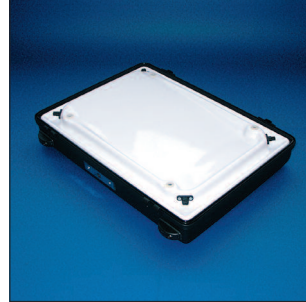
Undo both latches.

2



Lift up the lid of the case...
... and rotate it around the hinge until the two parts of the case separate.

3



Place the base on the bench top. If required, the base can be placed on the blue non-slip mat provided (stored in the other half of the case).

Position the frame over the base.

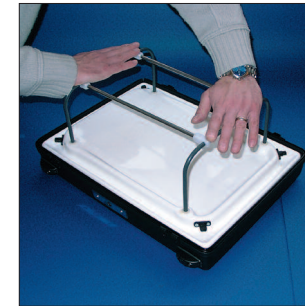
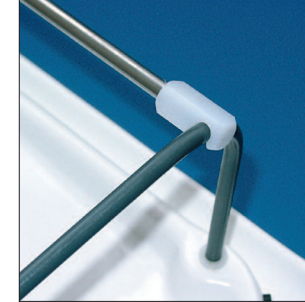
4



Swivel the frame legs downwards and line them up with the holes in the base.

Insert one pair of legs into the holes, and then insert the other.

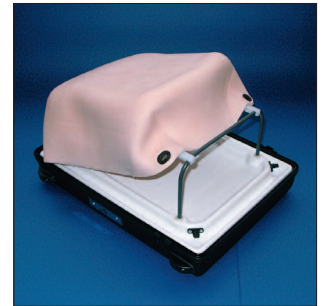
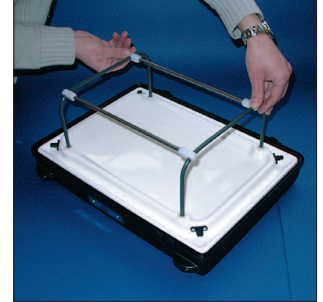
5



Make sure that the cross bars are attached along the top edge of the frame. This will ensure that they are not forced off when the Abdominal Wall is attached.

Apply firm pressure and push the legs down as far as they will go.

6

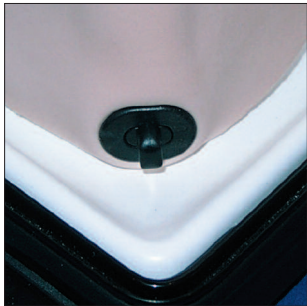


Move the cross bars out to the curved section of the frame legs. This will ensure maximum support and laparoscopic access when the Abdominal Wall is attached.

The Soft Tissue Retaining Set and soft tissue components can be put in place at this stage. See page 5.

Attach the Abdominal Wall by locating the holes in the Wall over the black turnclips on the base. Locate one end of the Wall first.

7

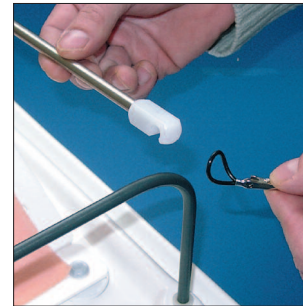
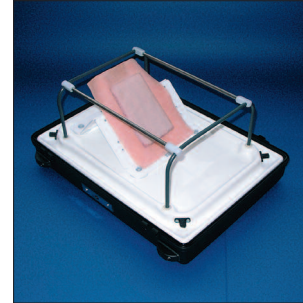


Locate the other end of the Abdominal Wall over the remaining turnclips.

Turn the clips to secure the Abdominal Wall in position.

Attaching the securing clips

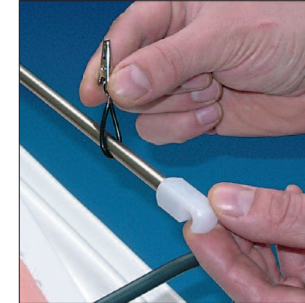
1



Certain soft tissue components benefit from securing clips to support them in the correct anatomical position (Large Surgical Dissection Pad shown).

Remove the end of one of the cross bars...

2



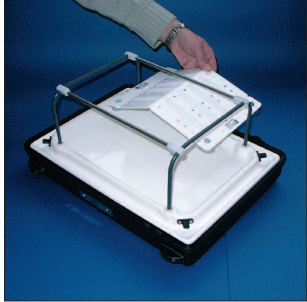
...and feed the looped end of the clip over it. Do this with as many clips as are required. Reattach the end of the cross bar back onto the frame legs.

Secure the clips onto the soft tissue component. Any spare clips can be stored at the opposite end of the cross bar, well away from the operating area.

Attach the Abdominal Wall. See page 2.

Setting up the Soft Tissue Retaining Set

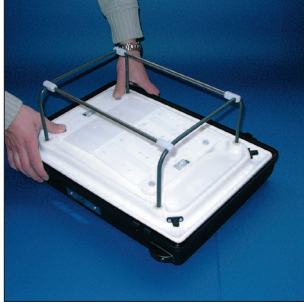
1



Introduce the variable slope jig via the long side of the frame.

Position the jig within the raised edges of the base.

2



Secure one end of the jig in place with the suction feet. Press the feet firmly.

Choose the desired angle for either the long or the short face of the jig...

3



...and secure it in position. A soft tissue component can be put into position on the jig and the Abdominal Wall attached.

The retaining clips with suction feet can be used to hold soft tissue components directly onto the base.

Setting up the Laparoscopic Arm

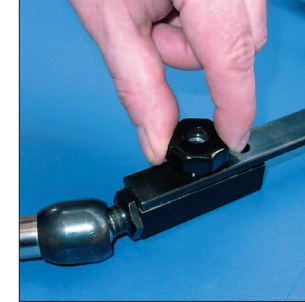
1



Place the Laparoscopic Arm on the bench top.

Unfold the Arm and rotate the arm bracket so that it lines up with the bench top clamp.

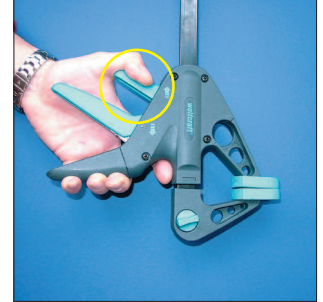
2



Secure the arm bracket in position by tightening the knob.

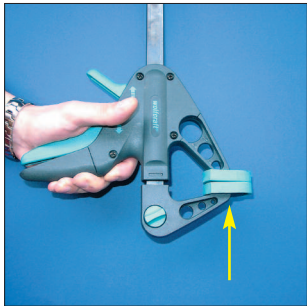
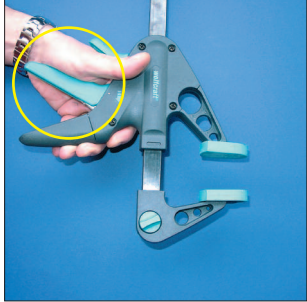
Secure the Arm in position by turning the knob mounted on the 'elbow'.

3



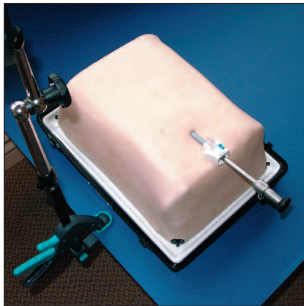
To open the bench top clamp depress the small top lever.

4



To close the bench top clamp squeeze the large bottom lever.

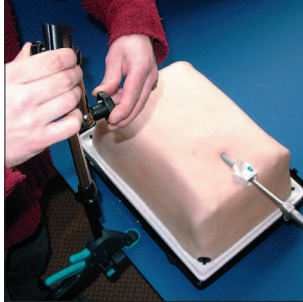
5



Position the Laparoscopic Arm and clamp it to the edge of the bench next to the MATT Trainer.

Pass a trochar through the Abdominal Wall in the operating position. Introduce the 'scope through the trochar.

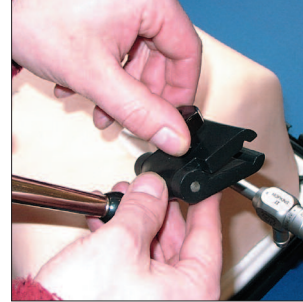
6



Support the Arm and slacken the knob on the 'elbow'.

Bring the Arm down towards the 'scope.

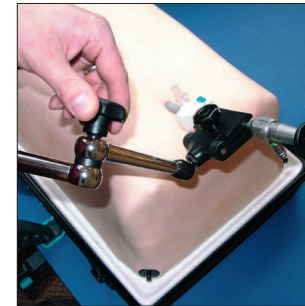
7



Slacken the knob on the 'scope clamp to open it.

Insert the 'scope ensuring it rests in the grooves.

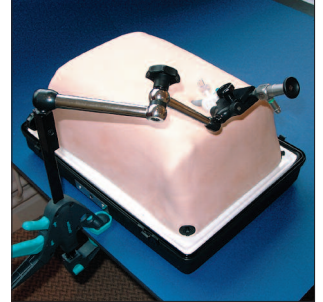
8



Tighten the 'scope clamp. Do not overtighten it as this could result in damage to the 'scope.

Using the camera and stack system, check that the 'scope is in the correct position. Tighten the knob on the 'elbow' to secure the 'scope in place.

9



The 'scope is now ready to use and the MATT Trainer is ready for laparoscopic instruments to be introduced.

Note
When disassembling the Laparoscopic Arm always remove the 'scope first.