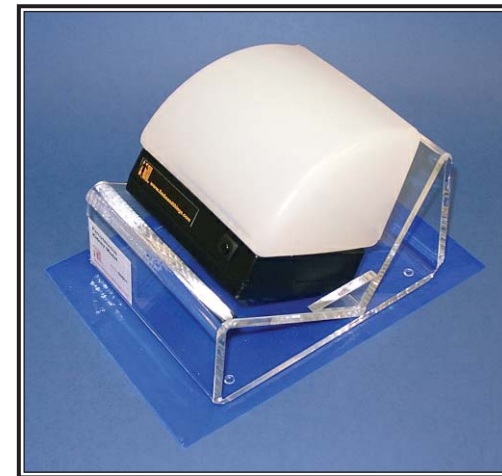


## Transit and storage

Repack the model and parts to match the layout below.



# Percutaneous Nephrolithotomy Trainer



# Percutaneous Nephrolithotomy Trainer

- The Percutaneous Nephrolithotomy Trainer **60501** provides the platform for the acquisition of skills required for Percutaneous Nephrolithotomy.
- The unique combination of the translucent slab and lighting unit enables the simulation of the x-ray imaging process for kidney location and subsequent placement of instruments. This eliminates the need for ultrasonic or x-ray devices making this an affordable and portable training system.
- Each Kidney Slab comes prepared with 7 kidney stones: 4 in the calyces and 3 in the renal pelvis.

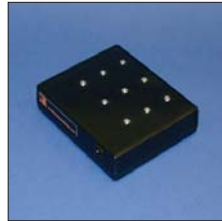
## Replaceable Items:



Percutaneous Nephrolithotomy Slab  
Reorder code: **60502**



Thirty Degree Base  
Reorder code: **60503**



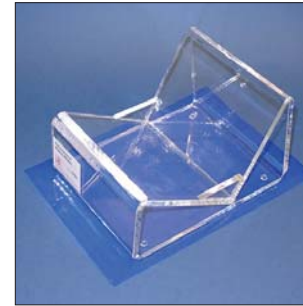
Lightbox - 9 LED  
Reorder code: **60504**

Stones - Large  
Reorder code: **60383**

Silicone oil  
Reorder code: **50180**

## Assembly sequence

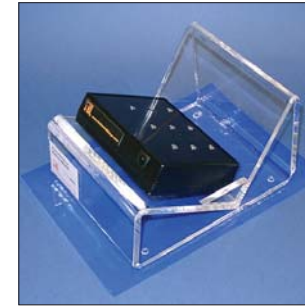
**1**



Place the non slip mat onto the work surface.

Place the thirty degree base squarely in the middle of the mat.

**2**

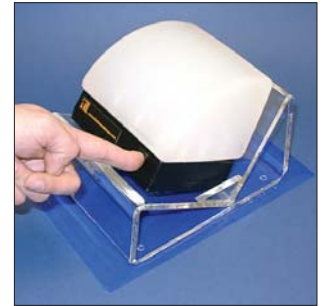


Insert the 6 batteries (AA/LR6/AM3) into the base of the lightbox following the polarity instructions.

Check lightbox operation by pressing the button on the front edge.

Place the lightbox into the recess on the thirty degree base ensuring the button is accessible.

**3**



Place the kidney slab squarely on top of the lightbox.

Press the button on the lightbox to visualise the renal pelvis.

The model is now ready for use.

## Health & Safety

1. For best practise always use surgical gloves when handling the product and carrying out training procedures.
2. Always refer to the guidelines of the device manufacturer before inserting needles, dilators, guide wires or catheters into the kidney slab.

## Product Care

1. To prolong the use of the kidney slab it should be returned to its original packaging for storage immediately after use.
2. Due to the nature of the material used to make the kidney slab, dust may stick to the surface of it. This can be removed by washing it with soapy water and patting dry with a paper towel.
3. Due to the nature of the material used to make the kidney slab, always place it on non-absorbent surfaces otherwise marks might be left.
4. Remove the batteries from the lightbox before storing the model.

## Note

To ensure smooth insertion through the Percutaneous Nephrolithotomy Slab always coat the outside of the dilators with the silicone oil provided. The model is intended for dry use only when using the lightbox. However, if fluid needs to be introduced into the renal pelvis remove the lightbox and place the remaining assembly onto absorbent material or a drainage tray.

## Surgical stone removal procedures

The slab allows for the following sequence of techniques to be taught:

- insertion of kelly needle into the appropriate calyx
- insertion of guide wire and catheter
- insertion of appropriate dilators for tract dilation
- insertion of sheath, prior to introduction of Nephroscope
- stone retrieval (dry)