

## Standard Scope Trainer™ - SST - Overview

### Applications

The SST is suitable for practising flexible cystoscopy, stent insertion and removal techniques as the bladder and both distal ureters feature lifelike urothelium.

The carefully designed collecting system contains both stones and a papillary tumour and like the AST, the fluoroscopic properties of the model enables the performance and manoeuvrability of flexible ureteroscopes to be assessed and demonstrated when using simultaneous fluoroscopy.

The SST can be used with any endoscopic instruments, stone retrieval and fragmentation devices. The hardness of the stones incorporated in both models ensures that the trainee has ample opportunity to use a variety of stone fragmentation devices. Once the collecting system has been accessed, the arrangement of the calices is such that the trainee will be able to practise all of the manoeuvres required to complete full endoscopic examination of the kidney.

The presence of caliceal stones and a small caliceal tumour enables the therapeutic skills of stone fragmentation, retrieval and tumour biopsy by the trainee endourologist to be acquired in a hygienic, lifelike situation.

### Features

- Designed for multiple uses
- Can be used to teach rigid and flexible ureteroscopy
- Distensible bladder
- Realistic ureteric orifice and ureters that follow the normal anatomical course
- Reproduction of the lumbar lordosis enables the performance of rigid ureteroscopes to be evaluated
- Only requires saline to use with a laser
- Radiolucent so that X-Ray screening can be used simultaneously

## Instructions & Care for your Mediskills Standard Scope Trainer - SST

The model is used in the same way as a clinical endoscopy proceeds. The bladder outlet valve is closed and the instrument is introduced with normal irrigation, the bladder fills and need only be emptied after maximum distension.

The Scope Trainer is attached to a saline drip which fills the model with water via the urethra. As the water fills the model the two vents at the top of the model are purged by fully opening the valves.

The front vent purges the bladder and the back vent purges both the collecting systems. The valves are close immediately when water escapes. To drain the model both the valves are set to the open position, then the drain tap is opened fully allowing water to drain from the model.

All taps should be fully closed when transporting the model to avoid spillage.

Alternatively the Scope Trainer can be used 'dry' with a lubricant such as olive or vegetable oil as well as silicone based oil.

The Scope Trainer case is radiolucent so that X-ray screening can be used simultaneously.

It only needs water for use with a laser.