

melerit *UrecathVision*[™]



Melerit UrecathVision, the VR Simulator for training in and objective assessment of skills in Urethra Catheterisation.

A preparation module includes disinfecting and covering the hands with sterile gloves, preparation of the equipment and cleaning the patient with a des-infection sponge. These preparations are learned using a combination of reading and interactive exercises on the simulator screen. For some of the tasks there are instruction videos.

During the catheterisation procedure a real catheter is inserted into a penis dummy, that is connected to a computer. Anatomic features are visualised as a cross section on the screen and updated according to the actions taken. The resistance felt in the catheter is a function of the pathological conditions and the penis angle.

The quality of the performance is measured continuously and is presented after surgery.

Altogether, Melerit UrecathVision is a complete interactive environment for learning. Performance quality can be assessed from saved data, which enables running statistics of the progress of the trainee.

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