

# melerit *PelvicVision*<sup>®</sup>



## **Melerit PelvicVision is a VR Simulator for training and skills assessment of prostate resection, TUR-P**

Actions are visualized on a screen as in a real operation and authentic sound is used corresponding to foot pedals activity.

During the procedure a resectoscope is used to move the camera and cutting device, just like in reality. The flushing and draining are handled by adjusting the appropriate taps and foot pedals are used to control coagulation and resection. A model of the urethra is updated continuously according to the actions being taken by the surgeon.

The model holds information about pressure, volume and bloodvessels. Bleedings change the visibility in a realistic way.

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

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