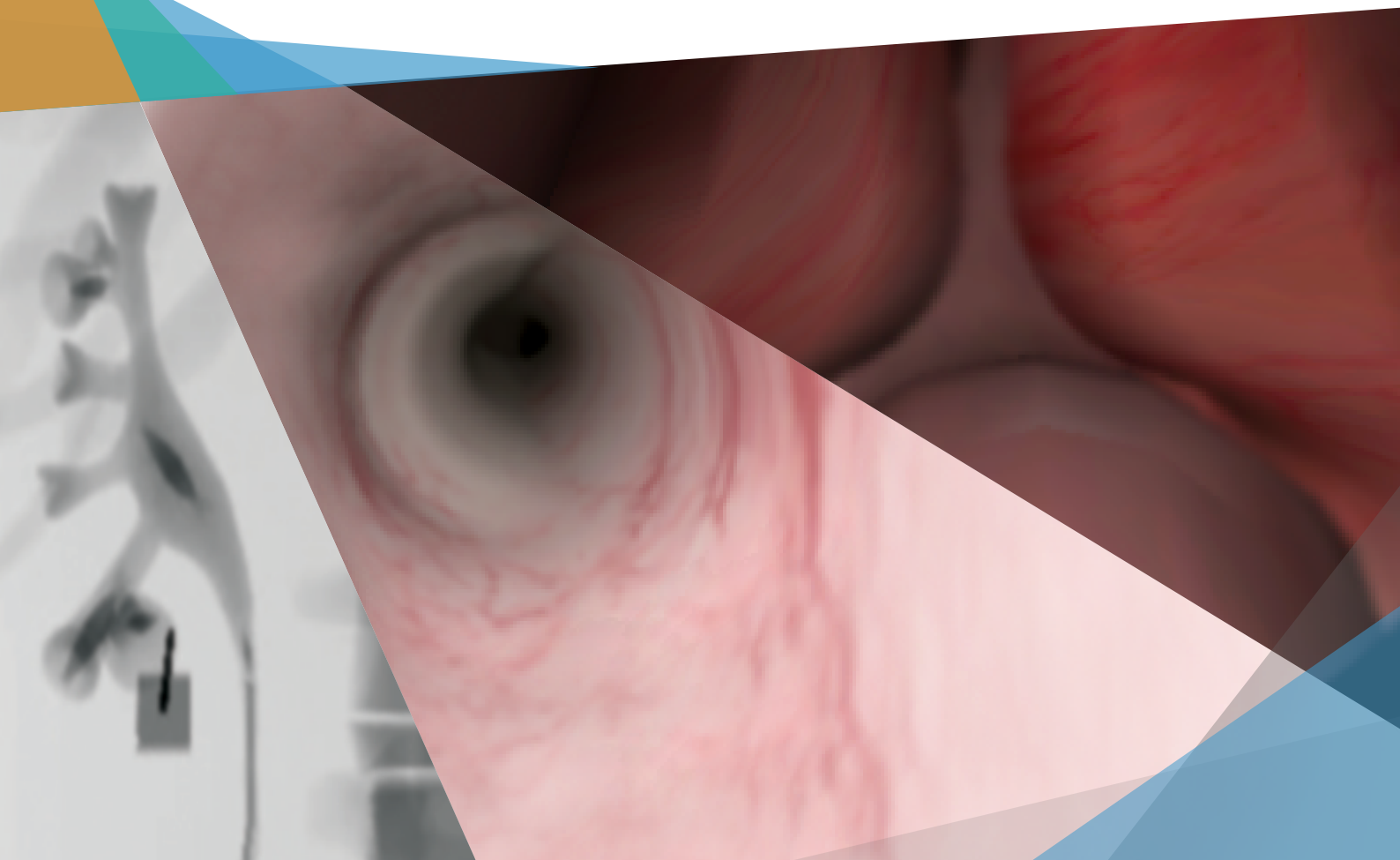
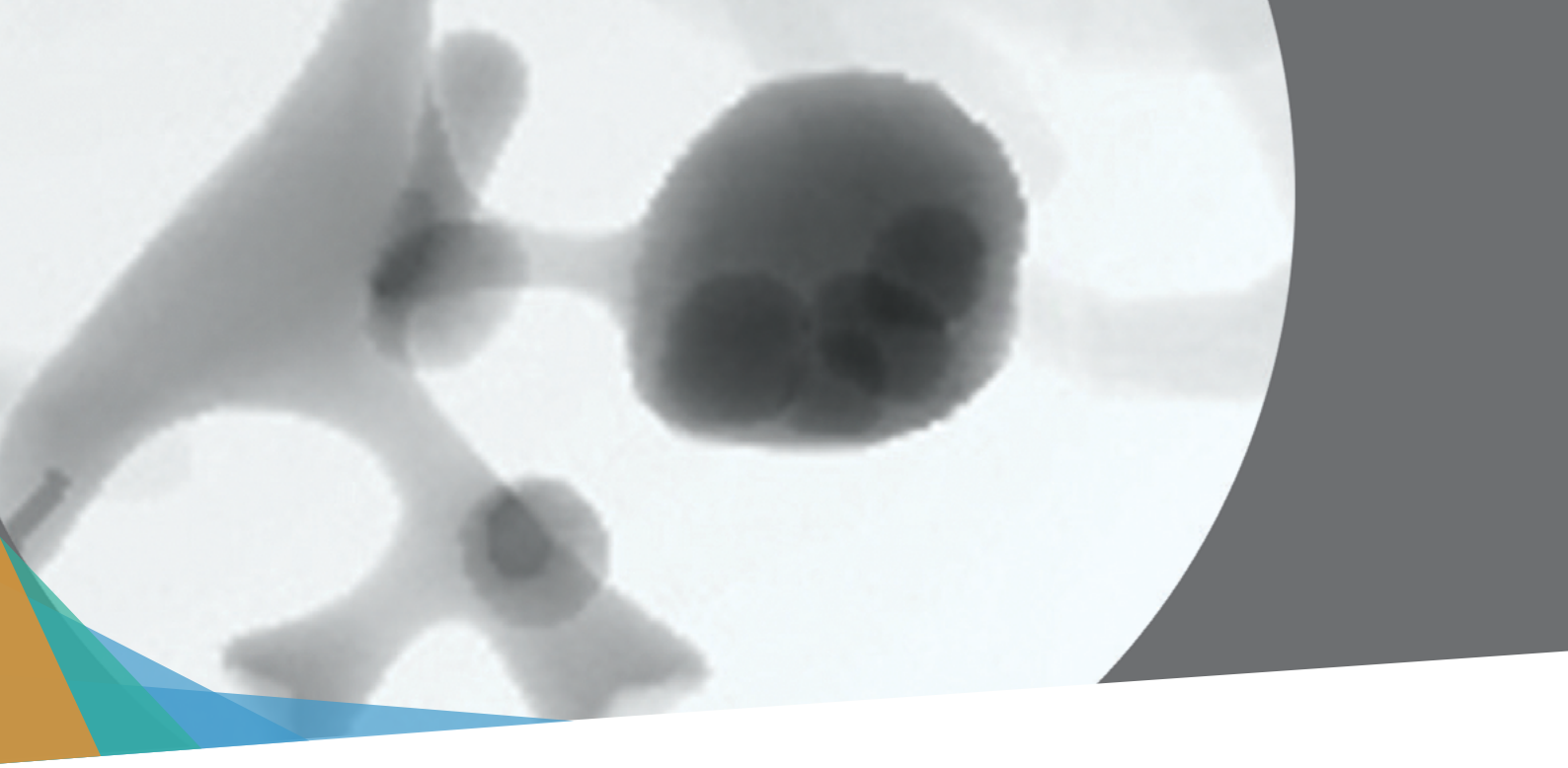
3D SYSTEMS

URO/PERC Mentor™





Simulator Platform

A unique platform designed to provide comprehensive training for endourology and percutaneous accessing.

The **URO Mentor**™ provides training opportunities using a variety of authentic rigid and flexible cystoscopies and ureteroscopes with real tool handles, and enables actual insertion into working channels.

The **PERC Mentor**™ add-on includes a torso mannequin to enable practicing approach from the back.

MentorLearn Simulator Curricula Management System

3D SYSTEMS' MULTIDISCIPLINARY SIMULATORS EFFORTLESSLY INTEGRATE INTO YOUR PROGRAM CURRICULUM.

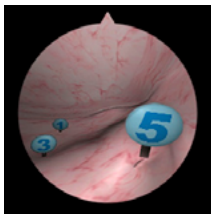
- Customizable curriculum incorporating training and didactics.
- Easy and efficient administration of simulator users.
- Online learning courses and video-based content.
- Proficiency based hands-on training.
- Performance reports with learning curve graphs.
- Recorded videos of the simulation sessions for debriefing.

The Combined URO/PERC Mentor™ platform offers a comprehensive training environment for endourology and percutaneous renal access.

URO Mentor Modules

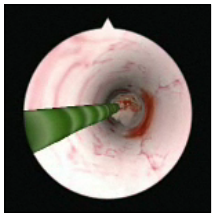
ESSENTIAL SKILLS

Acquire essential coordination skills in a non-anatomic basketball game setting, available in two difficulty levels.



BASIC TASKS

Practice exercises in increasing levels of difficulty to systematically learn basic tasks such as bladder and kidney inspection and identification of the endourological landmarks.



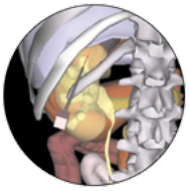
FULL PROCEDURE - STONE MANIPULATION

Train on the full endourological procedure, including simulation of an interactive C-arm, irrigation pressure and contrast material injection.

FULL PROCEDURE - STRICTURES TREATMENT

Learn how to interpret and treat anatomical and operative findings in a variety of ureteral strictures.

PERC Mentor Modules

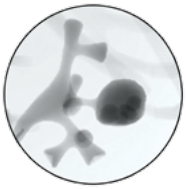


PCN ESSENTIAL SKILLS

Acquire the skills required to perform percutaneous renal access procedures under real-time fluoroscopy in a variety of tasks in increasing difficulty levels.

FULL PROCEDURE- NORMAL PATIENTS

Train on a variety of virtual normal weight patients with different renal anatomies and pathologies. The module provides an ideal opportunity to practice identifying the correct access to the proper calyx through a variety of access sites.



FULL PROCEDURE- OBESE PATIENTS

Practice on various obese virtual patients with different renal anatomies and pathologies. Training is enabled by a designated cartridge representing the virtual patient's back and an authentic needle.

Request a demo or more information at **healthcare@3dsystems.com**

"The URO/PERC Mentor simulator is successfully used to assess percutaneous renal access (PCA) skills of urology postgraduate trainees (PGTs) during the Objective Structured Clinical Examinations (OSCEs) as demonstrated in recent study."

McGill University Health Center, Montreal

Healthcare Solutions

3D Systems is a pioneer for healthcare solutions that improve outcomes which benefit both patients and surgeons. Our global team works with customers to help navigate technologies and provide support for surgical planning, training, device design, personalized medical technologies and 3D printing. We are dedicated to helping medical professionals train for, plan and practice complex medical procedures.

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URO-PERC Mentor-08-2017