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**Preliminary Experience with Virtual Reality Simulation vs. Animal Model for Hysteroscopic Myomectomy Training**

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**Study Objective:** To obtain trainees’ initial impressions of a new virtual reality hysteroscopic trainer compared to a traditional animal model for training in hysteroscopic myomectomy.

**Design:** Attendees at a hands-on postgraduate course on operative hysteroscopy rotated through several training stations. Included in the rotation were a station using a pig bladder model for hysteroscopic myomectomy as well as a station using the HystSim (VirtaMed, Zurich, Switzerland) hysteroscopic simulator. Each participant rated both stations on realism as well as training capacity.

No significant difference was observed between the two models for realism.

**Setting:** Sixteen participants in a hands-on postgraduate course on operative hysteroscopy.

**Patients:** N/A

**Intervention:** Immediately after a training session using either the pig-bladder model or the HystSim simulator, participants were asked to rate each model on realism and training capacity using a 5-point Likert scale.

**Measurements and Main Results:** The virtual reality trainer scored significantly higher than the pig bladder model for “variety of training cases” (p = 0.039) and “performance assessment” (p = 0.010). There was a statistically insignificant trend in favor of the virtual reality model for training capacity.