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A randomized comparison of two robotic virtual reality simulators and evaluation of trainees' skills transfer to a simulated robotic urethrovesical anastomosis task

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ABSTRACT

Objective: To determine, via a randomized comparison study, whether robotic simulator-acquired skills transfer to performance of a urethrovesical anastomosis (UVA) on a 3D-printed bladder model using the da Vinci Robot.

Materials and methods: Medical students, surgical residents, and fellows were recruited and divided into two groups: G1 (junior trainees) and G2 (senior trainees).