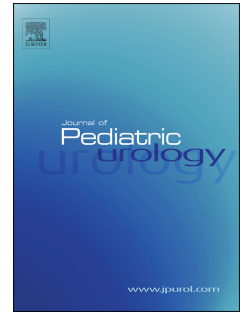


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E-learning teaches attendings “how to” objectively assess pediatric urology trainees’ surgery skills for orchiopexy

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E-learning teaches attendings “how to” objectively assess pediatric urology trainees’ surgery skills for orchiopexy

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Summary Introduction: Established methods to train pediatric urology surgery by residency training programs require updating in response to administrative changes such as new, reduced trainee duty hours. Therefore, new objective methods must be developed to teach surgical trainees. We approached this need by creating e-learning to teach attendings objective assessment of trainee skills using the Zwisch scale, an established assessment tool. The aim of this study was to identify whether or not e-learning is an appropriate platform for effective teaching of this assessment tool, by assessing inter-rater correlation of assessments made by the attendings after participation in the e-learning. Pediatric orchiopexy was used as the index case.

Methods: An e-learning tool was created to teach attending surgeons objective assessment of trainees’ surgical skills. First, e-learning content was created which showed the assessment method and videotape of resident surgery done in the operating room. Next, attendings were enrolled to e-learn this method. Finally, the ability of enrollees to assess resident surgery skill performance was tested. Namely, test video was made showing a trainee performing different parts of inguinal orchiopexy. All

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