



MEDICAL EDUCATION  
SCHOLARSHIP CENTRE

## Medical Education Scholarship Forum Proceedings

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### **Vaginal hysterectomy simulator: a validity study for its introduction into gynecologic surgical training curriculum**

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**Background:** The procedure of hysterectomy by the vaginal approach is safest in expert hands; and despite this, gynecological surgeons' comfort in performing this procedure is in steady decline. Few options exist for simulation of this procedure for training purposes. **Objective:** To evaluate the face validity of a new vaginal hysterectomy simulator. Additionally, to evaluate the face and content validity of the Objective Structured Vaginal Hysterectomy assessment tool (OSVaH). The purpose of evaluating the model and the assessment tool is for inclusion in the residency surgical training curriculum. **Methods:** Experienced gynecological surgeons were asked to carry out the task of vaginal hysterectomy using the simulator in nine steps. The surgeons were independently asked to evaluate each of the nine steps in the scoring system and further rate the vaginal hysterectomy simulator itself. **Results:** Face validity of the vaginal hysterectomy simulator and the scoring system were unanimous. The expert's evaluation and comments were incorporated into the scoring system, establishing content validity. **Conclusions:** This study demonstrated face validity of a new vaginal hysterectomy simulator. Face and content validity of the OSVaH scoring system were also demonstrated.