

## **Proficiency-based virtual reality training significantly reduces the error rate for residents during their first 10 laparoscopic cholecystectomies.**

September 30, 2011

Ahlberg G, Enochsson L, Gallagher AG, et al. Proficiency-based virtual reality training significantly reduces the error rate for residents during their first 10 laparoscopic cholecystectomies. *Am J Surg.* 2007;193(6):797-804.

<https://psnet.ahrq.gov/issue/proficiency-based-virtual-reality-training-significantly-reduces-error-rate-residents-during>

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In this randomized trial, surgical residents who underwent simulation training were significantly less likely to commit technical errors during cholecystectomy than residents who received traditional training. A prior AHRQ WebM&M [perspective](#) discusses the growing role of simulation training in medical education.