

Over-thinking Laparoscopic Surgery Training

Are we over-thinking the training of residents in minimally invasive surgery? Two recent papers in prominent surgical journals suggest to me the answer is “Yes.”

In the July 2012 issue of *Surgery*, a paper entitled “Cheating experience: Guiding novices to adopt the gaze strategies of experts expedites the learning of technical laparoscopic skills” investigated whether teaching novices to perform simulated tasks on a laparoscopic surgery training system by using the gaze strategies of experts would improve performance. The Methods section of the paper is well over 2 pages in length. The idea was to have some novices perform tasks by simply discovering how to do them by trial and error. A second cohort of novices was given a template reproducing the gaze-tracking used by expert laparoscopic surgeons.

Those using the gaze templates performed the tasks more quickly and with fewer errors. Here’s a section of text from the Results section. Note: punctuation as per the authors.

[Continue reading...](#) [1]

Source URL (retrieved on 01/26/2015 - 12:04pm):

http://www.surgicalproductsmag.com/articles/2012/07/over-thinking-laparoscopic-surgery-training?qt-most_popular=0&qt-digital_editions=0

Links:

[1] <http://skepticalscalpel.blogspot.com/2012/07/over-thinking-laparoscopic-surgery.html>