

Follow-up Study: A Focused Anesthesia Training Month in the PGY-1 Year Does Not Impact AKT scores

E. Dabbs Loomis, M.D., Ph.D., Kenneth Oswald, M.D., Claude Brunson, M.D.
The University of Mississippi Medical Center, Department of Anesthesiology

Learner Audience: Anesthesia training programs

Background: Recently, the department of anesthesia incorporated a focused anesthesia training month at the end of the PGY-1 year. Previous studies demonstrated that this month benefited residents in two ways. First, it provided residents with the appropriate training to allow them to work independently from July 1. Secondly, the previous study suggested that residents who rotated through a focused anesthesia training month had increased AKT-1 scores at the beginning of their CA-1 year. This led us to conclude that the introductory course gave residents an increased knowledge base at the beginning of their training.

Needs Assessment: To better train residents and equip them with the skills necessary to begin their CA-1 year, UMMC has instituted a uniform anesthesia training month during the PGY-1 year.

Hypothesis: We hypothesize that incorporating a focused anesthesia training month at the end of the PGY-1 year will increase AKT scores by giving residents a more solid foundation on which to begin their CA-1 training.

Curriculum Design: To objectively evaluate the PGY-1 focused training month, we compared AKT T-scores between residents who did not participate in a focused introduction to anesthesia (Class of 2009) with those that did (Class of 2010 and 2011).

Outcome: Residents who participate in a focused anesthesia training month do not appear to perform better on their AKT than those that do not. These data refute our hypothesis that the introductory course gives residents an increased knowledge base in the beginning of their training. Despite this, the month does enable residents to work independently from July 1 of their CA-1 year, thereby increasing productivity in the OR.