

## **Anesthesiology Core Clerkship Curriculum Development**

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2018

UMMS Capstone for Impact

Branch: Patients and Populations

### **Project Summary**

Beginning in October 2018, clinical students on the surgery core clerkship will have a one-week experience in anesthesiology. My project involves working with Dr. Matthew Wixson, who serves as faculty director for the one-week anesthesiology experience, and classmate Andrea Bouwhuis, in order to design and develop content and assessment for the course, assist with logistics in its eventual delivery, and running a pilot with early clinical students in Spring 2018.

### **Action Items/Outcome**

- Write student summaries for learning topics: 1) cardiac evaluation, 2) oxygenation, 3) pulse oximetry, 4) capnography, 5) neuromuscular blockade, 6) induction agents, 7) inhaled agents, 8) hypotension & shock
- Create intra-operative teaching outlines for same topics, to be used by faculty and residents
- Assist in developing course website on Canvas and organizing content
- Develop learning objectives and assessment plan
- Develop timeline and assist in meeting deadlines

### **Conclusion/Reflection**

This has been and continues to be a wonderful opportunity to participate in medical education and dust off my project management skills. I will certainly use the write-ups and teaching outlines I created for teaching medical students as a resident myself, and update them as my own clinical knowledge grows. Participating in this project has helped me find a concrete outlet for my interest in medical education and made it clear to me that I should pursue it as a larger part of my career.