

Capstone for Impact Submission | GY2019

Project Title: SWAT TEAM Elective

Student Name(s): Ali, Hassan

Advisor Names(s): David Hovord

Branch: Diagnostics & Therapeutics

Path of Excellence: Innovation and Entrepreneurship

Handover/Transition:

If this project can be continued by another UMMS student, you may contact them at the following email address/phone number (N/A if project cannot be handed over): hmoali2@gmail.com

Summary:

The University of Michigan has underwent a major curriculum change in the past 4 years. The aim of most of these changes is to better prepare students for internship. In some hospitals interns are required to transporting critically ill patients, a task that exposes the patients to adverse events [1].

When surveyed, interns report low confidence in their assessment of unstable patients [2]. There is a strong case to include a formal teaching experience about the subject in our curriculum. We designed a course in which students rotate with The Specialized Workforce for Acute Transport Team (SWAT) for two weeks.

The students spend 4 days rotating with the SWAT team for 5 hours. Teaching modules include ACLS, evidence based transport protocols, and UM specific guidelines [3, 4, 5]. A pre and post survey is created to assess the students' confidence in transporting critically ill patients and performing lifesaving maneuvers [6].

Survey: Rate 1-5... (1. Very / 5. Not at all)

1. How comfortable do you think you will be at the beginning of your intern year in transporting ICU patients?

2. How comfortable do you think you will be at the beginning of your intern year in bag valve mask ventilation?

3. How comfortable do you think you will be at the beginning of your intern year performing chest compressions? One student completed the pilot in January, 2019. He reported an increase in his confidence for all three questions. We recommend creating the SWAT Elective so other students can benefit and be ready for intern year.

Methodology:

Pilot course, with survey

Results/Conclusion:

The SWAT TEAM course became an official course offered through the medical school.

Reflection/Lessons Learned:

I am really grateful that I am able to have an impact and a legacy in the medical school. This is really the main point of CFI to empower student to have their own legacy.