Assessment, Improvement, Measurement (AIM) Report: 04/03/2013

Plan Year: 2011-2012
Unit: Surgical Technology
Coordinator(s): Martin Baxter, Kevin Craycraft, Karman Wheeler
Reviewer: Martin Baxter

Objective or Outcome	Measure(s)				
	Measure Text	**Achievement Target**	**Results**	**Achievement Target Result**	**Use of Findings/Next Steps**
SLO 1 - Students will be able to demonstrate safe, non-sterile pre-op environment.	This assessment will be based on the first five tasks on the Mock Surgery Competency Evaluation on pre-op competencies in the student laboratory.	Eighty-five percent of the students will score 14 out of 18 points on the first five categories on the Mock Surgery Competency Evaluation rubric.	Based on the results of the mock surgery categories described above, the class of 2012 fell short of the 85% target. The class average scores were 15.06 points out of the 18 points available. However 13 out of the 17 students achieved the 14 out of 18 points in the non-sterile task resulting in a 76.50% of the class achieving the target desired.	Not Met	Based on the findings of the last two years (one met and one fell short of the target goal), I plan to continue these assessment and further emphasize the non-sterile task being evaluated and providing more hands-on practice. I also believe that this class struggled in this area due to the academic issues of a few of the students. Lastly, I think that the target of 85% is a high benchmark and reflects the expectations of the program.
SLO 2 - Students will be able to gown, glove, set-up the back table and mayo stand correctly for basic surgical procedures (e.g. breast biopsy).	Mock Surgery Competency Evaluation regarding the student's ability to gown, glove, set-up the back table and mayo stand correctly and quickly for basic surgical procedures (e.g. breast biopsy).	1. 90% of the students will get 12 out of 16 on categories 5-8 on the Mock Surgery Evaluation tool. 2. 70% of the students will be able to gown, glove, set-up the back table and mayo stand within 15 minutes for a basic surgical procedures (e.g. breast biopsy).	1. 82.3% of the students (14 out of 17 students) achieved the 12 out 16 points available on categories 5-8 on the mock surgery evaluation. 2. 64.7% of the students (11 out of 17 students) achieved being able to gown, glove, set-up the back table and mayo stand within 15 minutes for a basic surgical procedures (e.g. breast biopsy).	Not Met	Based on these findings, in the future I plan to continue the assessement that evaluates the students get 12 out of 16 on categories 5-8 on the Mock Surgery Evaluation tool. I also plan to continue the goal of being able to gown, glove, set-up the back table and mayo stand within 15 minutes for a basic surgical procedures (e.g. breast

					biopsy). I also plan to provide more lab time in order for the students to do more setups prior to the graded mock surgery evaluation. Lastly, I believe that these are realistic goals and that the academic struggles of some students affected the outcomes.
SLO 3 - Students will be able to identify surgical instruments used in the Operating Room.	The surgical instruments will be displayed on the classroom desk at 10 separate stations, of which the students will rotate from station to station with approximately 2 minutes to identify the 10 instruments at each station.	85% of the students will be able to identify 90% of the instruments in the lab setting component of the final hands-on instrument examination.	The average scores on the final hands-on exam was found to be 96.11%. This target was acheived 15 out of 17 students scored 90% or higher on the exam resulting in a 88% of the class scored 90% or higher.	Met	I plan to continue this assessment in the future and introduce more surgical instruments and provide more hand-on time with the instruments to the student prior to clinical experience.