

Assessment, Improvement, Measurement (AIM) Report: 10/03/2014

Plan Year: 2013-2014

Unit: Surgical Technology

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Reviewer: Martin Baxter

Objective or Outcome	Measure(s)					
	Measure Text	Achievement Target	Results	Achievement Target Result	Use of Findings/Next Steps	Assess Month
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. (This measure was modified slightly from last year based on the Mock Surgery Competency Evaluation rubric. After evaluating past data the points have been reallocated to emphasize areas of importance.)	Eighty-five percent of the students will score 17 out of 22 points on the first five categories on the Mock Surgery Competency Evaluation rubric.	This year 13 out of 16 students (81.3%) achieved the 17 out 22 points in the non-sterile task. The average score was 18. Thus we did not achieve the goal of Eighty-five percent of the students scoring 17 out of 22 points on the first five categories on the Mock Surgery Competency Evaluation rubric.	Not Met	Based on the findings of the last three years (two met and one fell short of the target goal), I redistributed the points on the Mock Surgery Competency Evaluation rubric to better emphasize areas of importance. This current 2013-2014 year the cohort fell short of the target benchmark (85%) with an 81.3%. I strongly believe that the changes made to the Mock Surgery Competency Evaluation rubric this year will improve the evaluation tool and student outcomes in the future, however I believe the changes had a negative impact on the current results. I plan to continue this assessment and further emphasize the new criteria in the non-sterile task being evaluated and providing more hands-on practice. The program faculty	November

					will continue to reworked lecture and lab time as to provide the more lab hands-on experience then previous classes in the non-sterile pre-op environment. Lastly, I think that the target of 85% is a high benchmark and reflects the expectations of the program faculty.	
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). (This measure was modified slightly from last year based on the Mock Surgery Competency Evaluation rubric. After evaluating past data the points have been reallocated to emphasize areas of importance.)	1. 85% of the students will get 14 out of 19 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. 100% of the students (16 out of 16 students) achieved the 14 out 19 points available on categories 5-8 on the mock surgery evaluation. Average score 16.4. 2. 12.5% of the students (2 out of 14 students) achieved being able to gown, glove, set-up the back table and mayo stand setup within 15 minutes for a basic surgical procedures (e.g. breast biopsy). Average time 18.8 minutes.	Partially Met	# 1) Based on these findings, the program has met the benchmark three out of the last four years. I plan to discontinue this assessment that evaluates the students get 14 out of 19 points on categories 5-8 on the Mock Surgery Evaluation rubric. # 2) Based on this year's (2013-2014) findings, in which only 12.5% of the student achieved the benchmark, however these finding are not comparable to past findings. due to changes to the Mock Surgery Competency Evaluation rubric, which included various technical skills being add to the mayo setup to better represent the current workplace skills the 15 minutes goal is no longer realistic based on current workplace practices. I plan to	November

					continue, with modifications, the goal of being able to gown, glove, set-up the back table and mayo stand within 18 minutes for a basic surgical procedures (e.g. breast biopsy), which is more in align with the current Operating room practices. I also plan to emphasize a more rapid setup times during lab experiments.	
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 96.85%. This target was met with 12 out of 14 students scored 90% or higher on the exam resulting in an 85.7% of the class scored 90% or higher.	Met	I plan to discontinue this assessment, based on the findings that this assessment benchmark has been met consistently over the past few years. I plan develop a different SLO based on instrumentation seeing that surgical instrumentation is one of the cornerstones of Surgical Technology.	November