



**Continuous Quality Improvement (CQI) of MS3
Surgery Clerkship
AY 2021-2022 (12/8/2021)**

The following CQI and site comparability report contains detailed information for the Surgery Clerkship. Descriptions of quality and comparability benchmarks are located at the beginning of each part of this report.

Part 1: Student Evaluation of MS3 Clerkships / Quality & Site Comparability

Quality Benchmark for Clerkship & Site: Highlighted (green) cells indicate the mean is ≥ 3.0 ; highlighted (red) cells indicate the mean is < 3.0 .

Comparability Benchmark: A mean score for a clinical site that is ≥ 0.5 points **below** the entire clerkship mean score is flagged for concern by a (red) highlight.

Surgery Overall:

Item	Number of Students	Average Rating
Provided clear learning objectives, expectations and grading criteria at the start of the rotation.	27	2.41
Oriented me to how the clinical site(s) worked during this clerkship and clarified to me my role as a student at the site(s).	27	2.70
Provided a site faculty leader who was committed to student learning and responded to student concerns.	26	2.92
Provided a clerkship director who was committed to student learning and responded to student concerns.	26	3.12
Ensured that I was treated like a valuable member of the team.	27	2.70
Assigned me work tasks relevant to patient care and clerkship learning objectives.	26	2.88
Made sure that I had clinical supervision whenever I needed it.	27	3.15
Integrated relevant basic science content (i.e., pharmacology, biochemistry, anatomy, physiology, pathology, etc.) into the clerkship.	26	2.96
Graded me fairly, based on accurate assessment of my performance, free of bias.	24	2.96
Ensured that my assigned clinical site(s) provided a positive learning experience.	26	2.92
Fostered my growth and development as a physician-in-training.	26	2.88
Improve my clinical skills (e.g., history, physical, procedures) and care for my patients independently. (Patient Care)	27	3.19
Expand my knowledge of core topics in this field. (Knowledge for Practice)	27	3.04
Improve my clinical reasoning (e.g., differential diagnosis, diagnostic/ management plans). (Practice-based Learning & Improvement)	27	3.11
Improve how I exchange information to effectively collaborate with patients, their families, and health professionals. (Interpersonal & Communication Skills)	27	3.22
Carry out professional responsibilities and adhere to ethical principles. (Professionalism)	27	3.11
Learn about the larger context and system of health care. (Systems-based Practice)	27	3.07
Engage in an interprofessional team that optimized safe, effective patient- and population-centered care. (Interpersonal & Communication Skills)	27	3.11
Develop the qualities required to sustain lifelong personal and professional growth. (Personal & Professional Development)	26	3.04
Provided a clerkship coordinator who was committed to student learning and responded to student concerns.	26	2.65
Grand Total	27	2.96

Highlighted (red) cells indicate the item has been “flagged.” Items 1, 3, & 4 in the table below are flagged if the values are <100%, item 2 is flagged if the value is <95%, and item 5 is flagged if the value is > 0%.

Question Items	Number of Students	Number of "Yes"	Percent "Yes"
A faculty member provided me with mid-clerkship feedback during this clerkship.	27	26	96%
If I did receive mid-clerkship feedback, the faculty member who conducted the feedback session had direct knowledge of my performance.	24	23	96%
I was observed performing the relevant portions of a patient history and physical examination during the required observed clinical encounter (OCE) during this clerkship.	27	26	96%
All faculty, staff, students, trainees and patients were treated equitably and respectfully during this rotation no matter their race, ethnicity, country of origin, disabilities, gender, age, sexual and gender identification, religion or economic backgro	27	22	81%
At any time during this clerkship, did you experience mistreatment by a faculty member, by another institution employee or staff member, or by a fellow student? (Please do not include behaviors exhibited by patients.)	27	3	11%

Surgery by Site:

Quality Benchmark for Clerkship & Site: A cumulative rating of <3.0 on any item is flagged for concern by a (red) dot.

Comparability Benchmark: A mean score for a clinical site that is ≥0.5 points below the entire clerkship mean score is flagged for concern by a (red) dot.

***The question marked by a gold star indicates a **global rating question**.



Clerkship/ Site	Provided clear learning objectives, expectations and grading criteria at the start of the rotation.				Oriented me to how the clinical site(s) worked during this clerkship and clarified to me my role as a student at the site(s).			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Surgery	27	2.41	●	●	27	2.70	●	●
Eisenhower Medical Center	6	1.83	●	●	6	2.50	●	●
Kaiser Riverside	1	3.00	●	●	1	3.00	●	●
Riverside Community Hospital	6	2.83	●	●	6	2.83	●	●
Riverside University Health System	11	2.27	●	●	11	2.64	●	●
St. Bernadine Medical Center	3	3.00	●	●	3	3.00	●	●

		Provided a site faculty leader who was committed to student learning and responded to student concerns.				Provided a clerkship director who was committed to student learning and responded to student concerns.			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability	
Surgery	26	2.92	●	●	26	3.12	●	●	
Eisenhower Medical Center	6	2.17	●	●	6	2.83	●	●	
Kaiser Riverside	1	4.00	●	●	1	4.00	●	●	
Riverside Community Hospital	6	3.33	●	●	6	3.50	●	●	
Riverside University Health System	10	2.80	●	●	10	3.00	●	●	
St. Bernadine Medical Center	3	3.67	●	●	3	3.00	●	●	

		Provided a clerkship coordinator who was committed to student learning and responded to student concerns.				Ensured that I was treated like a valuable member of the team.			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability	
Surgery	26	2.65	●	●	27	2.70	●	●	
Eisenhower Medical Center	6	2.67	●	●	6	2.83	●	●	
Kaiser Riverside	1	4.00	●	●	1	3.00	●	●	
Riverside Community Hospital	6	2.83	●	●	6	2.50	●	●	
Riverside University Health System	10	2.40	●	●	11	2.73	●	●	
St. Bernadine Medical Center	3	2.67	●	●	3	2.67	●	●	

		Assigned me work tasks relevant to patient care and clerkship learning objectives.				Made sure that I had clinical supervision whenever I needed it.			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability	
Surgery	26	2.88	●	●	27	3.15	●	●	
Eisenhower Medical Center	6	2.67	●	●	6	2.83	●	●	
Kaiser Riverside	1	4.00	●	●	1	4.00	●	●	
Riverside Community Hospital	6	3.00	●	●	6	3.33	●	●	
Riverside University Health System	10	2.60	●	●	11	3.00	●	●	
St. Bernadine Medical Center	3	3.67	●	●	3	3.67	●	●	

		Integrated relevant basic science content (i.e., pharmacology, biochemistry, anatomy, physiology, pathology, etc.) into the clerkship.				Graded me fairly, based on accurate assessment of my performance, free of bias.			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability	
Surgery	26	2.96	●	●	24	2.96	●	●	
Eisenhower Medical Center	5	2.80	●	●	6	2.50	●	●	
Kaiser Riverside	1	4.00	●	●	1	2.00	●	●	
Riverside Community Hospital	6	2.83	●	●	6	3.00	●	●	
Riverside University Health System	11	2.91	●	●	9	3.11	●	●	
St. Bernadine Medical Center	3	3.33	●	●	2	4.00	●	●	

		Ensured that my assigned clinical site(s) provided a positive learning experience.				Fostered my growth and development as a physician-in-training.			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability	
Surgery	26	2.92	●	●	26	2.88	●	●	
Eisenhower Medical Center	6	2.67	●	●	6	2.83	●	●	
Kaiser Riverside	1	4.00	●	●	1	4.00	●	●	
Riverside Community Hospital	6	3.00	●	●	6	3.00	●	●	
Riverside University Health System	10	2.80	●	●	10	2.60	●	●	
St. Bernadine Medical Center	3	3.33	●	●	3	3.33	●	●	



	Improve my clinical skills (e.g., history, physical, procedures) and care for my patients independently. (Patient Care)				Expand my knowledge of core topics in this field. (Knowledge for Practice)			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Surgery	27	3.19	●	●	27	3.04	●	●
Eisenhower Medical Center	6	3.17	●	●	6	3.17	●	●
Kaiser Riverside	1	4.00	●	●	1	4.00	●	●
Riverside Community Hospital	6	3.33	●	●	6	3.00	●	●
Riverside University Health System	11	3.09	●	●	11	2.91	●	●
St. Bernadine Medical Center	3	3.00	●	●	3	3.00	●	●

	Improve my clinical reasoning (e.g., differential diagnosis, diagnostic/management plans). (Practice-based Learning & Improvement)				Improve how I exchange information to effectively collaborate with patients, their families, and health professionals. (Interpersonal & Communication Skills)			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Surgery	27	3.11	●	●	27	3.22	●	●
Eisenhower Medical Center	6	3.33	●	●	6	3.33	●	●
Kaiser Riverside	1	4.00	●	●	1	4.00	●	●
Riverside Community Hospital	6	3.17	●	●	6	3.17	●	●
Riverside University Health System	11	3.00	●	●	11	3.09	●	●
St. Bernadine Medical Center	3	2.67	●	●	3	3.33	●	●

	Carry out professional responsibilities and adhere to ethical principles. (Professionalism)				Learn about the larger context and system of health care. (Systems-based Practice)			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Surgery	27	3.11	●	●	27	3.07	●	●
Eisenhower Medical Center	6	3.00	●	●	6	2.83	●	●
Kaiser Riverside	1	4.00	●	●	1	4.00	●	●
Riverside Community Hospital	6	3.00	●	●	6	3.17	●	●
Riverside University Health System	11	3.18	●	●	11	2.91	●	●
St. Bernadine Medical Center	3	3.00	●	●	3	3.67	●	●

	Engage in an interprofessional team that optimized safe, effective patient- and population-centered care. (Interpersonal & Communication Skills)				Develop the qualities required to sustain lifelong personal and professional growth. (Personal & Professional Development)			
Clerkship/ Site	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Surgery	27	3.11	●	●	26	3.04	●	●
Eisenhower Medical Center	6	3.17	●	●	6	3.00	●	●
Kaiser Riverside	1	4.00	●	●	1	4.00	●	●
Riverside Community Hospital	6	3.17	●	●	6	3.17	●	●
Riverside University Health System	11	2.82	●	●	11	2.82	●	●
St. Bernadine Medical Center	3	3.67	●	●	2	3.50	●	●

Mid-Clerkship Feedback by Site

Quality Benchmark for Clerkship & Site: <100% stating yes is flagged for concern by a (red) dot.

Comparability Benchmark: Same as quality benchmark

	N	Percent "Yes"	Number "No"	Quality/Comparability
A faculty member provided me with mid-clerkship feedback during this clerkship.	27	96%	1	●
Surgery	27	96%	1	●
Eisenhower Medical Center	6	83%	1	●
Kaiser Riverside	1	100%	0	●
Riverside Community Hospital	6	100%	0	●
Riverside University Health System	11	100%	0	●
St. Bernadine Medical Center	3	100%	0	●

Quality Benchmark for Clerkship & Site: For the item below <95% stating yes is flagged for concern by a (red) dot.

Comparability Benchmark: Same as quality benchmark

	N	Percent "Yes"	Number "No"	Quality/Comparability
If I did receive mid-clerkship feedback, the faculty member who conducted the feedback session had direct knowledge of my performance.	24	96%	1	●
Surgery	24	96%	1	●
Eisenhower Medical Center	5	100%	0	●
Kaiser Riverside	1	100%	0	●
Riverside Community Hospital	5	100%	0	●
Riverside University Health System	10	90%	1	●
St. Bernadine Medical Center	3	100%	0	●

Observed Clinical Encounter by Site

Quality Benchmark for Clerkship & Site: <100% stating yes is flagged for concern by a (red) dot.

Comparability Benchmark: Same as quality benchmark

	N	Percent "Yes"	Number "No"	Quality/Comparability
I was observed performing the relevant portions of a patient history and physical examination during the required observed clinical encounter (OCE) during this clerkship.	27	96%	1	●
Surgery	27	96%	1	●
Eisenhower Medical Center	6	100%	0	●
Kaiser Riverside	1	100%	0	●
Riverside Community Hospital	6	83%	1	●
Riverside University Health System	11	100%	0	●
St. Bernadine Medical Center	3	100%	0	●

Learning Environment by Site

Quality Benchmark for Clerkship & Site: <100% stating yes is flagged for concern by a (red) dot.

Comparability Benchmark: Same as quality benchmark

	N	Percent "Yes"	Number "No"	Quality/Comparability
All faculty, staff, students, trainees and patients were treated equitably and respectfully during this rotation no matter their race, ethnicity, country of origin, disabilities, gender, age, sexual and gender identification, religion or economic backgro	27	81%	5	
Surgery	27	81%	5	
Eisenhower Medical Center	6	100%	0	
Kaiser Riverside	1	100%	0	
Riverside Community Hospital	6	67%	2	
Riverside University Health System	11	91%	1	
St. Bernadine Medical Center	3	33%	2	

Mistreatment by Site

Quality Benchmark for Clerkship & Site: >0% stating yes is flagged for concern by a (red) dot.

Comparability Benchmark: Same as quality benchmark

	N	Percent "Yes"	Number "No"	Quality/Comparability
At any time during this clerkship, did you experience mistreatment by a faculty member, by another institution employee or staff member, or by a fellow student? (Please do not include behaviors exhibited by patients.)	27	11%	24	
Surgery	27	11%	24	
Eisenhower Medical Center	6	0%	6	
Kaiser Riverside	1	0%	1	
Riverside Community Hospital	6	17%	5	
Riverside University Health System	11	18%	9	
St. Bernadine Medical Center	3	0%	3	

Part 2: Aggregated MS3 Student Evaluation of Clinical Teaching – Inpatient and/or Outpatient Teaching / Quality & Site Comparability

Quality Benchmark for Clerkship & Site: A cumulative rating of <3.0 (bottom two quintiles – Bottom 40% of teachers) on the **global rating item** is flagged for concern by a (red) dot. The **global rating item** contains a 1-5 scale from poor (1) to excellent (5). A cumulative rating of <3.0 on all other items are flagged for concern by a (red) dot. All other items contain a 1-4 scale from unsatisfactory (1) to excellent (4).

Comparability Benchmark: A mean score for a clinical site that is ≥ 0.5 below the overall clerkship mean score is flagged for concern by a (red) dot.

***The question marked by a gold star indicates a **global rating question**.





	On a scale of 1-5, I would rate my experience with this teacher as				conveyed their expectations.				demonstrated interest in teaching and allotted time for it.			
	Average	n=	Quality	Comarability	Average	n=	Quality	Comarability	Average	n=	Quality	Comarability
Riverside Community Hospital												
Resident	5.00	1	●	●	4.00	1	●	●	4.00	1	●	●
Riverside Community Hospital Total	5.00	1	●	●	4.00	1	●	●	4.00	1	●	●
Riverside University Health System												
Faculty	5.00	2	●	●	3.50	2	●	●	3.50	2	●	●
Riverside University Health System Total	5.00	2	●	●	3.50	2	●	●	3.50	2	●	●
All Sites	5.00	3	●	●	3.67	3	●	●	3.67	3	●	●

	encouraged students to formulate and pursue learning goals.				consistently demonstrated how to perform clinical skills and gave students adequate supervision.				actively engaged students in discussion.			
	Average	n=	Quality	Comarability	Average	n=	Quality	Comarability	Average	n=	Quality	Comarability
Riverside Community Hospital												
Resident	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
Riverside Community Hospital Total	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
Riverside University Health System												
Faculty	4.00	2	●	●	3.50	2	●	●	3.50	2	●	●
Riverside University Health System Total	4.00	2	●	●	3.50	2	●	●	3.50	2	●	●
All Sites	4.00	3	●	●	3.67	3	●	●	3.67	3	●	●

	asked students questions aimed at increasing their understanding.				gave frequent constructive feedback.				showed support and respect for students and all others.			
	Average	n=	Quality	Comarability	Average	n=	Quality	Comarability	Average	n=	Quality	Comarability
Riverside Community Hospital												
Resident	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
Riverside Community Hospital Total	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
Riverside University Health System												
Faculty	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
Riverside University Health System Total	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
All Sites	4.00	3	●	●	4.00	3	●	●	4.00	3	●	●

	created a safe learning environment.				This teacher served as a role model of a health professional students would like to become.			
	Average	n=	Quality	Comarability	Average	n=	Quality	Comarability
Riverside Community Hospital								
Resident	4.00	1	●	●	4.00	1	●	●
Riverside Community Hospital Total	4.00	1	●	●	4.00	1	●	●
Riverside University Health System								
Faculty	4.00	2	●	●	4.00	2	●	●
Riverside University Health System Total	4.00	2	●	●	4.00	2	●	●
All Sites	4.00	3	●	●	4.00	3	●	●

Part 3: MS3 Required Clinical Encounter Logs / Quality & Site Comparability

Surgery: Monitoring Required Clinical Experiences for the Clerkship and Each Site

Quality Benchmark for Clerkship and Site: A cell with $\leq 75\%$ of all students reported encountering a live patient with this condition/procedure is highlighted (red) for concern.

Comparability Benchmark: Same as quality benchmark

Live Encounters	Eisenhower Medical Center		Kaiser Riverside		Riverside Community Hospital	
	Number of Students	% Complete	Number of Students	% Complete	Number of Students	% Complete
Diagnosis						
Abdominal Masses	6	100%	1	100%	7	86%
Abdominal Pain	6	100%	1	100%	7	100%
Breast Disorders	6	100%	1	100%	7	86%
Colorectal disease	6	100%	1	100%	7	86%
Hepatobiliary disease	6	100%	1	100%	7	100%
Nutrition in surgical patients	6	100%	1	100%	7	86%
Perioperative care: wound drain and ileus management	6	100%	1	100%	7	86%
Perioperative fluid and electrolyte disorders	6	100%	1	100%	7	86%
Shock/Trauma Care	6	100%	1	100%	7	86%
Wound care/non-healing wounds	6	100%	1	100%	7	86%
Procedure						
Basic Suturing	6	100%	1	100%	7	100%
Sterile Technique	6	100%	1	100%	7	100%
Wound care management	6	100%	1	100%	7	86%

Surgery: Monitoring Student Completion of Logging By End of Clerkship

Quality Benchmark for Clerkship & Site: If 1 or more students did not log either a live patient or alternate experience for a specific requisite it is flagged for concern by a (red) "x".

Comparability Benchmark: N/A (See quality benchmark)

Alternate Experiences	Eisenhower Medical Center		Kaiser Riverside		Riverside Community Hospital		Riverside University Health System		St. Bernadine Medical Center	
	6	1	7	12	3					
Diagnosis										
Abdominal Masses	✓ 0	✓ 0	✗ 1	✓ 0	✓ 0					
Abdominal Pain	✓ 0	✓ 0	✓ 0	✓ 0	✓ 0					
Breast Disorders	✓ 0	✓ 0	✗ 1	✗ 1	✓ 0					
Colorectal disease	✓ 0	✓ 0	✗ 1	✓ 0	✓ 0					
Hepatobiliary disease	✓ 0	✓ 0	✓ 0	✗ 1	✓ 0					
Nutrition in surgical patients	✓ 0	✓ 0	✗ 1	✓ 0	✓ 0					
Perioperative care: wound drain and ileus management	✓ 0	✓ 0	✗ 1	✓ 0	✓ 0					
Perioperative fluid and electrolyte disorders	✓ 0	✓ 0	✗ 1	✓ 0	✓ 0					
Shock/Trauma Care	✓ 0	✓ 0	✗ 1	✓ 0	✓ 0					
Wound care/non-healing wounds	✓ 0	✓ 0	✗ 1	✗ 1	✓ 0					
Procedure										
Basic Suturing	✓ 0	✓ 0	✓ 0	✓ 0	✓ 0					
Sterile Technique	✓ 0	✓ 0	✓ 0	✓ 0	✓ 0					
Wound care management	✓ 0	✓ 0	✗ 1	✓ 0	✓ 0					

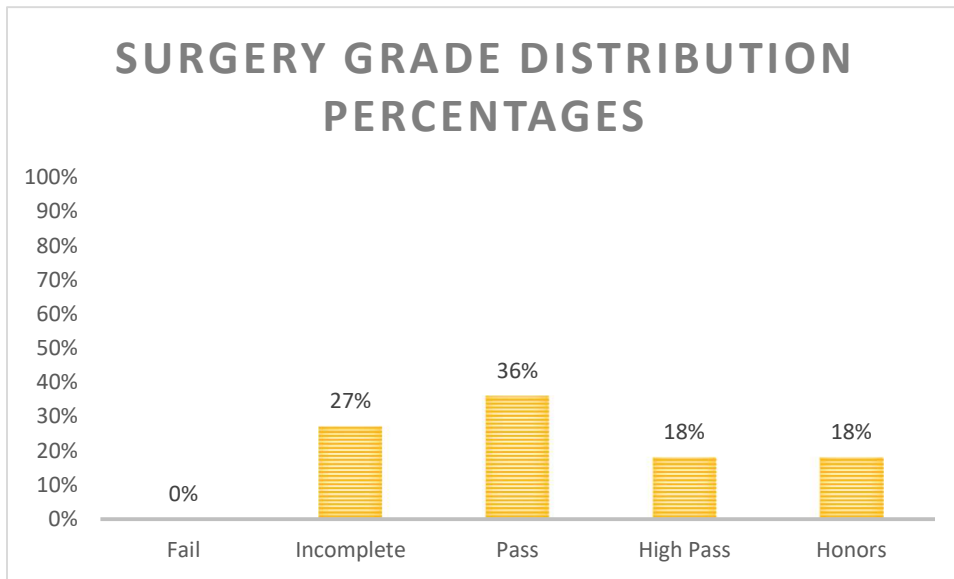
Part 4: MS3 Student Work Hour Logs / Quality & Site Comparability

Quality benchmark for Clerkship & Site: A clerkship site or clerkship reporting more than 80 hours per week by one or more students is flagged for concern by a (red) dot.

Comparability Benchmark: A $\geq \pm 15\%$ variation in the reported mean hours per week at a clinical site from the overall clerkship mean is flagged for concern by a (red) dot.

	Number of Students	Max of Total Hours/ Week	Number of Students >80 Hours	Quality	Average of Total Hours	Site Mean [+/-15%] of Clerkship Mean
Surgery	29	74	0	●	44.9	●
Eisenhower Medical Center	6	61.5	0	●	46.2	●
Kaiser Riverside	1	51	0	●	29.2	●
Riverside Community Hospital	7	74	0	●	50.0	●
Riverside University Health System	12	71.5	0	●	44.0	●
St. Bernadine Medical Center	3	68.5	0	●	40.4	●
Grand Total	29	74	0	●	44.9	

Part 5: MS3 Learner Evaluation Summary / Quality & Site Comparability



SURGERY SITE GRADE DISTRIBUTION					
Sites	Incomplete	Pass	High Pass	Honors	N = Total Number of students
Eisenhower Medical Center	0	0	1	0	6
Riverside Community Hospital	1	0	1	0	7
Riverside University Health System	0	1	0	1	12
St. Bernadine Medical Center	2	0	0	1	3
Note: 18 students' grades are pending, and therefore not included in the analyses.					
Sites not included in analysis due to lacking data: Kaiser Riverside					
0% OF STUDENTS FAILED THIS CLERKSHIP					

Part 6: Timeliness of Grades

Quality Benchmark: LCME requires that all grades be visible to students prior to 6 weeks from the last day of the clerkship. For the surgery clerkship, the average time for students to receive grades is 5 weeks 4 days. Below is a graph that compares surgery to other required clerkships. Please note that this only captures grades that were completed prior to this report and it does not include data on those pending a grade as of 12/7/2021.

Academic Year 2021-2022						
Availability of Final Grades		Number of weeks it took for students to receive grades			Percentage of students who did not receive grades within 6 weeks.	
Year	Academic Year 2021-2022, May to November 2021	Average	Minimum	Maximum		
3	Surgery	5w 4d	5w 1d	6w 0d	0.0%	

