



**Continuous Quality Improvement (CQI) of MS4  
Critical Care Medicine Selective  
AY 2021-2022 (12/9/2021)**

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

### Part 1: Student Evaluation of MS4 CCM and SUB-I/ Quality & Site Comparability

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

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

#### Critical Care Medicine Overall:

Item	Number of Students	Average Rating
Provided clear learning objectives, expectations and grading criteria at the start of the rotation.	18	3.78
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).	18	3.57
Provided a site faculty leader who was committed to student learning and responded to student concerns.	18	3.43
Provided a clerkship director who was committed to student learning and responded to student concerns.	18	3.78
Ensured that I was treated like a valuable member of the team.	18	3.61
Assigned me work tasks relevant to patient care and clerkship learning objectives.	18	3.74
Made sure that I had clinical supervision whenever I needed it.	18	3.83
Integrated relevant basic science content (i.e., pharmacology, biochemistry, anatomy, physiology, pathology, etc.) into the clerkship.	18	3.83
Graded me fairly, based on accurate assessment of my performance, free of bias.	15	3.80
Ensured that my assigned clinical site(s) provided a positive learning experience.	18	3.78
Fostered my growth and development as a physician-in-training.	18	3.70
Improve my clinical skills (e.g., history, physical, procedures) and care for my patients independently. (Patient Care)	18	3.78
Expand my knowledge of core topics in this field. (Knowledge for Practice)	18	3.83
Improve my clinical reasoning (e.g., differential diagnosis, diagnostic/ management plans). (Practice-based Learning & Improvement)	18	3.78
Improve how I exchange information to effectively collaborate with patients, their families, and health professionals. (Interpersonal & Communication Skills)	18	3.78
Carry out professional responsibilities and adhere to ethical principles. (Professionalism)	18	3.83
Learn about the larger context and system of health care. (Systems-based Practice)	18	3.83
Engage in an interprofessional team that optimized safe, effective patient- and population-centered care. (Interpersonal & Communication Skills)	18	3.83
Develop the qualities required to sustain lifelong personal and professional growth. (Personal & Professional Development)	18	3.83
<b>Grand Total</b>	<b>18</b>	<b>3.75</b>

Highlighted (red) cells indicate the item has been “flagged.” Items 1, 2, & 3 in the table below are flagged if the values are <80%, item 4 is flagged if the value is <100%, and item 5 is flagged if the value is > 0%. Please note, Mid-clerkship feedback and OCE are strongly encouraged in CCM but not required.

Question Items	Number of Students	Number of "Yes"	Percent "Yes"
A faculty member provided me with mid-clerkship feedback during this clerkship.	18	10	56%
If I did receive mid-clerkship feedback, the faculty member who conducted the feedback session had direct knowledge of my performance.	10	10	100%
I was observed performing the relevant portions of a patient history and physical examination during the required observed clinical encounter (OCE) during this clerkship.	18	18	100%
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	18	18	100%
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.)	18	0	0%

### Critical Care Medicine 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
Critical Care	18	3.78	●	●	18	3.57	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.80	●	●	11	3.53	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	3.00	●	●
SICU-RUHS	3	3.33	●	●	3	3.33	●	●

Clerkship/ Site	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.			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.43	●	●	18	3.78	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.40	●	●	11	3.93	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	4.00	●	●
SICU-RUHS	3	2.67	●	●	3	2.67	●	●

Clerkship/ Site	Ensured that I was treated like a valuable member of the team.				Assigned me work tasks relevant to patient care and clerkship learning objectives.			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.61	●	●	18	3.74	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.60	●	●	11	3.73	●	●
ICU-UCSD	1	3.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	4.00	●	●
SICU-RUHS	3	3.33	●	●	3	3.33	●	●

Clerkship/ Site	Made sure that I had clinical supervision whenever I needed it.				Integrated relevant basic science content (i.e., pharmacology, biochemistry, anatomy, physiology, pathology, etc.) into the clerkship.			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.83	●	●	18	3.83	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.87	●	●	11	3.80	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	4.00	●	●
SICU-RUHS	3	3.33	●	●	3	3.67	●	●

Clerkship/ Site	Graded me fairly, based on accurate assessment of my performance, free of bias.				Ensured that my assigned clinical site(s) provided a positive learning experience.			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	15	3.80	●	●	18	3.78	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.80	●	●	11	3.80	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	4.00	●	●
SICU-RUHS	2	3.50	●	●	3	3.33	●	●

Clerkship/ Site	Fostered my growth and development as a physician-in-training.				Improve my clinical skills (e.g., history, physical, procedures) and care for my patients independently. (Patient Care)			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.70	●	●	18	3.78	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.67	●	●	11	3.73	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	3.00	●	●
SICU-RUHS	3	3.33	●	●	3	4.00	●	●

Clerkship/ Site	Expand my knowledge of core topics in this field. (Knowledge for Practice)				Improve my clinical reasoning (e.g., differential diagnosis, diagnostic/ management plans). (Practice-based Learning & Improvement)			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.83	●	●	18	3.78	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.73	●	●	11	3.73	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	3.00	●	●
SICU-RUHS	3	4.00	●	●	3	4.00	●	●

Clerkship/ Site	Improve how I exchange information to effectively collaborate with patients, their families, and health professionals. (Interpersonal & Communication Skills)				Carry out professional responsibilities and adhere to ethical principles. (Professionalism)			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.78	●	●	18	3.83	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.73	●	●	11	3.73	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	3.00	●	●	1	4.00	●	●
SICU-RUHS	3	4.00	●	●	3	4.00	●	●

Clerkship/ Site	Learn about the larger context and system of health care. (Systems-based Practice)				Engage in an interprofessional team that optimized safe, effective patient- and population-centered care. (Interpersonal & Communication Skills)			
	Number of Students	Average Rating	Quality	Comparability	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.83	●	●	18	3.83	●	●
ICU-Eisenhower	1	4.00	●	●	1	4.00	●	●
ICU-RCH	11	3.73	●	●	11	3.73	●	●
ICU-UCSD	1	4.00	●	●	1	4.00	●	●
MICU-RUHS	1	4.00	●	●	1	4.00	●	●
PICU-RUHS	1	4.00	●	●	1	4.00	●	●
SICU-RUHS	3	4.00	●	●	3	4.00	●	●

Clerkship/ Site	Develop the qualities required to sustain lifelong personal and professional growth. (Personal & Professional Development)			
	Number of Students	Average Rating	Quality	Comparability
Critical Care	18	3.83	●	●
ICU-Eisenhower	1	4.00	●	●
ICU-RCH	11	3.73	●	●
ICU-UCSD	1	4.00	●	●
MICU-RUHS	1	4.00	●	●
PICU-RUHS	1	4.00	●	●
SICU-RUHS	3	4.00	●	●

### Mid-Clerkship Feedback by Site

Quality Benchmark for Clerkship & Site: <80% stating yes is flagged for concern by a (red) dot. Please note, Mid-clerkship feedback and OCE are strongly encouraged in CCM but not required.

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.	18	56%	8	●
Critical Care	18	56%	8	●
ICU-Eisenhower	1	100%	0	●
ICU-RCH	11	45%	6	●
ICU-UCSD	1	100%	0	●
MICU-RUHS	1	100%	0	●
PICU-RUHS	1	100%	0	●
SICU-RUHS	3	33%	2	●

Quality Benchmark for Clerkship & Site: For the item below <80% 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.	10	100%	0	●
<b>Critical Care</b>	<b>10</b>	<b>100%</b>	<b>0</b>	<b>●</b>
ICU-Eisenhower	1	100%	0	●
ICU-RCH	5	100%	0	●
ICU-UCSD	1	100%	0	●
MICU-RUHS	1	100%	0	●
PICU-RUHS	1	100%	0	●
SICU-RUHS	1	100%	0	●

### Observed Clinical Encounter by Site

Quality Benchmark for Clerkship & Site: <80% stating yes is flagged for concern by a (red) dot. Please note, Mid-clerkship feedback and OCE are strongly encouraged in CCM but not required.

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.	18	100%	0	●
<b>Critical Care</b>	<b>18</b>	<b>100%</b>	<b>0</b>	<b>●</b>
ICU-Eisenhower	1	100%	0	●
ICU-RCH	11	100%	0	●
ICU-UCSD	1	100%	0	●
MICU-RUHS	1	100%	0	●
PICU-RUHS	1	100%	0	●
SICU-RUHS	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	18	100%	0	●
Critical Care	18	100%	0	●
ICU-Eisenhower	1	100%	0	●
ICU-RCH	11	100%	0	●
ICU-UCSD	1	100%	0	●
MICU-RUHS	1	100%	0	●
PICU-RUHS	1	100%	0	●
SICU-RUHS	3	100%	0	●

## 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.)	18	0%	18	●
Critical Care	18	0%	18	●
ICU-Eisenhower	1	0%	1	●
ICU-RCH	11	0%	11	●
ICU-UCSD	1	0%	1	●
MICU-RUHS	1	0%	1	●
PICU-RUHS	1	0%	1	●
SICU-RUHS	3	0%	3	●

## Part 2: Aggregated MS4 Student Evaluation of Clinical Teaching – Inpatient 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  $\geq 0.5$  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.				encouraged students to formulate and pursue learning goals.			
	Average	n =	Quality	Comarability	Average	n =	Quality	Comarability	Average	n =	Quality	Comarability	Average	n =	Quality	Comarability
<b>Apex Pediatrics</b>																
Faculty	5.00	2	●	●	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
<b>Apex Pediatrics Total</b>	<b>5.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●
<b>Eisenhower</b>																
Faculty	5.00	1	●	●	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>Eisenhower Total</b>	<b>5.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>Riverside Community Hosp</b>																
Faculty	5.00	4	●	●	3.89	4	●	●	4.00	4	●	●	3.89	4	●	●
Resident	5.00	3	●	●	4.00	3	●	●	4.00	3	●	●	4.00	3	●	●
<b>Riverside Community Hosp Total</b>	<b>5.00</b>	<b>7</b>	●	●	<b>3.92</b>	<b>7</b>	●	●	<b>4.00</b>	<b>7</b>	●	●	<b>3.92</b>	<b>7</b>	●	●
<b>RUHS Internal Medicine CHC</b>																
Faculty	5.00	1	●	●	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>RUHS Internal Medicine CHC Total</b>	<b>5.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>RUHS Moreno Valley Community Health Center</b>																
Faculty	5.00	2	●	●	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
<b>RUHS Moreno Valley Community Health Center Total</b>	<b>5.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●
<b>RUHS PCLS</b>																
Faculty	5.00	1	●	●	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>RUHS PCLS Total</b>	<b>5.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>All Sites</b>	<b>5.00</b>	<b>13</b>	●	●	<b>3.95</b>	<b>13</b>	●	●	<b>4.00</b>	<b>13</b>	●	●	<b>3.95</b>	<b>13</b>	●	●

	consistently demonstrated how to perform clinical skills and gave students adequate supervision.				actively engaged students in discussion.				asked students questions aimed at increasing their understanding.				gave frequent constructive feedback.			
	Average	n =	Quality	Comarability	Average	n =	Quality	Comarability	Average	n =	Quality	Comarability	Average	n =	Quality	Comarability
<b>Apex Pediatrics</b>																
Faculty	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
<b>Apex Pediatrics Total</b>	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●
<b>Eisenhower</b>																
Faculty	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>Eisenhower Total</b>	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>Riverside Community Hosp</b>																
Faculty	4.00	4	●	●	4.00	4	●	●	4.00	4	●	●	4.00	4	●	●
Resident	4.00	3	●	●	4.00	3	●	●	4.00	3	●	●	4.00	3	●	●
<b>Riverside Community Hosp Total</b>	<b>4.00</b>	<b>7</b>	●	●	<b>4.00</b>	<b>7</b>	●	●	<b>4.00</b>	<b>7</b>	●	●	<b>4.00</b>	<b>7</b>	●	●
<b>RUHS Internal Medicine CHC</b>																
Faculty	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>RUHS Internal Medicine CHC Total</b>	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>RUHS Moreno Valley Community Health Center</b>																
Faculty	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
<b>RUHS Moreno Valley Community Health Center Total</b>	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●
<b>RUHS PCLS</b>																
Faculty	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>RUHS PCLS Total</b>	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>All Sites</b>	<b>4.00</b>	<b>13</b>	●	●	<b>4.00</b>	<b>13</b>	●	●	<b>4.00</b>	<b>13</b>	●	●	<b>4.00</b>	<b>13</b>	●	●



	showed support and respect for students and all others.				created a safe learning environment.				This teacher served as a role model of a health professional students would like to become.			
	Average	n =	Quality	Comparability	Average	n =	Quality	Comparability	Average	n =	Quality	Comparability
<b>Apex Pediatrics</b>												
Faculty	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
<b>Apex Pediatrics Total</b>	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●
<b>Eisenhower</b>												
Faculty	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>Eisenhower Total</b>	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>Riverside Community Hosp</b>												
Faculty	4.00	4	●	●	4.00	4	●	●	4.00	4	●	●
Resident	4.00	3	●	●	4.00	3	●	●	4.00	3	●	●
<b>Riverside Community Hosp Total</b>	<b>4.00</b>	<b>7</b>	●	●	<b>4.00</b>	<b>7</b>	●	●	<b>4.00</b>	<b>7</b>	●	●
<b>RUHS Internal Medicine CHC</b>												
Faculty	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>RUHS Internal Medicine CHC Total</b>	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>RUHS Moreno Valley Community Health Center</b>												
Faculty	4.00	2	●	●	4.00	2	●	●	4.00	2	●	●
<b>RUHS Moreno Valley Community Health Center Total</b>	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●	<b>4.00</b>	<b>2</b>	●	●
<b>RUHS PCLS</b>												
Faculty	4.00	1	●	●	4.00	1	●	●	4.00	1	●	●
<b>RUHS PCLS Total</b>	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●	<b>4.00</b>	<b>1</b>	●	●
<b>All Sites</b>	<b>4.00</b>	<b>13</b>	●	●	<b>4.00</b>	<b>13</b>	●	●	<b>4.00</b>	<b>13</b>	●	●

### Part 3: MS4 REQUIRED CLINICAL ENCOUNTER LOGS FOR CCM ONLY / QUALITY & SITE COMPARABILITY

#### Critical Care Medicine: Monitoring Required Clinical Experiences for the Clerkship and Each Site

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

Comparability Benchmark: Same as quality benchmark

	ICU-Eisenhower		ICU-RCH	
	Number of Students	% Complete	Number of Students	% Complete
<b>Diagnosis</b>				
Acute kidney injury	1	100%	14	71%
Coagulopathic patient	1	100%	14	79%
Electrolyte derangement	1	100%	14	71%
Elevated Intracranial pressure	1	100%	14	79%
Healthcare associated infection	1	100%	14	79%
Intrathoracic pressure effecting right ventricular pressures and/or pulmonary vascular resistance	1	100%	14	64%
Intrathoracic pressure modulating afterload	1	100%	14	50%
Intrathoracic pressure modulating preload	1	100%	14	50%
Management of arrhythmias	1	100%	14	64%
Respiratory failure	1	100%	14	71%
Sepsis	1	100%	14	79%
Shock	1	100%	14	79%
Transfusion of blood products	1	100%	14	79%
<b>Procedure</b>				
ABG interpretation	1	100%	14	86%
Arterial line placement	1	100%	14	86%
Central venous line placement	1	100%	14	86%
Chest x-ray interpretation	1	100%	14	79%
ECG Interpretation	1	100%	14	79%
Endotracheal intubation	1	100%	14	86%
Management of mechanical ventilation	1	100%	14	79%
Obtain informed consent	1	100%	14	86%
Thoracentesis/Thoracostomy	1	100%	14	57%

	ICU-UCSD		MICU-RUHS	
	Number of Students	% Complete	Number of Students	% Complete
<b>Diagnosis</b>				
Acute kidney injury	1	100%	2	50%
Coagulopathic patient	1	0%	2	50%
Electrolyte derangement	1	100%	2	50%
Elevated Intracranial pressure	1	0%	2	50%
Healthcare associated infection	1	0%	2	50%
Intrathoracic pressure effecting right ventricular pressures and/or pulmonary vascular resistance	1	0%	2	50%
Intrathoracic pressure modulating afterload	1	0%	2	50%
Intrathoracic pressure modulating preload	1	0%	2	50%
Management of arrhythmias	1	100%	2	50%
Respiratory failure	1	100%	2	50%
Sepsis	1	100%	2	50%
Shock	1	100%	2	50%
Transfusion of blood products	1	0%	2	50%
<b>Procedure</b>				
ABG interpretation	1	100%	2	50%
Arterial line placement	1	100%	2	50%
Central venous line placement	1	100%	2	50%
Chest x-ray interpretation	1	100%	2	50%
ECG Interpretation	1	100%	2	50%
Endotracheal intubation	1	100%	2	50%
Management of mechanical ventilation	1	100%	2	50%
Obtain informed consent	1	100%	2	50%
Thoracentesis/Thoracostomy	1	100%	2	50%

	PICU-RUHS		SICU-RUHS	
	Number of Students	% Complete	Number of Students	% Complete
<b>Diagnosis</b>				
Acute kidney injury	1	100%	4	75%
Coagulopathic patient	1	100%	4	75%
Electrolyte derangement	1	100%	4	75%
Elevated Intracranial pressure	1	0%	4	75%
Healthcare associated infection	1	100%	4	75%
Intrathoracic pressure effecting right ventricular pressures and/or pulmonary vascular resistance	1	100%	4	75%
Intrathoracic pressure modulating afterload	1	100%	4	75%
Intrathoracic pressure modulating preload	1	100%	4	75%
Management of arrhythmias	1	0%	4	75%
Respiratory failure	1	100%	4	75%
Sepsis	1	100%	4	75%
Shock	1	100%	4	75%
Transfusion of blood products	1	100%	4	75%
<b>Procedure</b>				
ABG interpretation	1	100%	4	75%
Arterial line placement	1	100%	4	75%
Central venous line placement	1	100%	4	75%
Chest x-ray interpretation	1	100%	4	75%
ECG Interpretation	1	0%	4	75%
Endotracheal intubation	1	100%	4	50%
Management of mechanical ventilation	1	100%	4	75%
Obtain informed consent	1	100%	4	75%
Thoracentesis/Thoracostomy	1	0%	4	50%

	Total Number of Stu	Total % Complete
<b>Diagnosis</b>		
Acute kidney injury	23	74%
Coagulopathic patient	23	74%
Electrolyte derangement	23	74%
Elevated Intracranial pressure	23	70%
Healthcare associated infection	23	74%
Intrathoracic pressure effecting right ventricular pressures and/or pulmonary vascular resistance	23	65%
Intrathoracic pressure modulating afterload	23	57%
Intrathoracic pressure modulating preload	23	57%
Management of arrythmias	23	65%
Respiratory faiure	23	74%
Sepsis	23	78%
Shock	23	78%
Transfusion of blood products	23	74%
<b>Procedure</b>		
ABG interpretation	23	83%
Arterial line placement	23	83%
Central venous line placement	23	83%
Chest x-ray interpretation	23	78%
ECG Interpretation	23	74%
Endotracheal intubation	23	78%
Management of mechanical ventilation	23	78%
Obtain informed consent	23	83%
Thoracentesis/Thoracostomy	23	57%

**Critical Care Medicine: 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)

	ICU-Eisenhower	ICU-RCH	ICU-UCSD
	1	14	1
<b>Diagnosis</b>			
Acute kidney injury	✓ 0	✗ 4	✓ 0
Coagulopathic patient	✓ 0	✗ 3	✗ 1
Electrolyte derangement	✓ 0	✗ 3	✓ 0
Elevated Intracranial pressure	✓ 0	✗ 3	✗ 1
Healthcare associated infection	✓ 0	✗ 3	✗ 1
Intrathoracic pressure effecting right ventricular pressures and/or pulmonary vascular resistance	✓ 0	✗ 5	✗ 1
Intrathoracic pressure modulating afterload	✓ 0	✗ 7	✗ 1
Intrathoracic pressure modulating preload	✓ 0	✗ 6	✗ 1
Management of arrythmias	✓ 0	✗ 5	✓ 0
Respiratory faiure	✓ 0	✗ 3	✓ 0
Sepsis	✓ 0	✗ 3	✓ 0
Shock	✓ 0	✗ 3	✓ 0
Transfusion of blood products	✓ 0	✗ 3	✗ 1
<b>Procedure</b>			
ABG interpretation	✓ 0	✗ 2	✓ 0
Arterial line placement	✓ 0	✗ 2	✓ 0
Central venous line placement	✓ 0	✗ 2	✓ 0
Chest x-ray interpretation	✓ 0	✗ 3	✓ 0
ECG Interpretation	✓ 0	✗ 3	✓ 0
Endotracheal intubation	✓ 0	✗ 2	✓ 0
Management of mechanical ventilation	✓ 0	✗ 2	✓ 0
Obtain informed consent	✓ 0	✗ 2	✓ 0
Thoracentesis/Thoracostomy	✓ 0	✗ 3	✓ 0

	MICU-RUHS	PICU-RUHS	SICU-RUHS
	2	1	4
<b>Diagnosis</b>			
Acute kidney injury	✗ 1	✓ 0	✗ 1
Coagulopathic patient	✗ 1	✓ 0	✗ 1
Electrolyte derangement	✗ 1	✓ 0	✗ 1
Elevated Intracranial pressure	✗ 1	✓ 0	✗ 1
Healthcare associated infection	✗ 1	✓ 0	✗ 1
Intrathoracic pressure effecting right ventricular pressures and/or pulmonary vascular resistance	✗ 1	✓ 0	✗ 1
Intrathoracic pressure modulating afterload	✗ 1	✓ 0	✗ 1
Intrathoracic pressure modulating preload	✗ 1	✓ 0	✗ 1
Management of arrythmias	✗ 1	✓ 0	✗ 1
Respiratory failure	✗ 1	✓ 0	✗ 1
Sepsis	✗ 1	✓ 0	✗ 1
Shock	✗ 1	✓ 0	✗ 1
Transfusion of blood products	✗ 1	✓ 0	✗ 1
<b>Procedure</b>			
ABG interpretation	✗ 1	✓ 0	✗ 1
Arterial line placement	✗ 1	✓ 0	✗ 1
Central venous line placement	✗ 1	✓ 0	✗ 1
Chest x-ray interpretation	✗ 1	✓ 0	✗ 1
ECG Interpretation	✗ 1	✓ 0	✗ 1
Endotracheal intubation	✗ 1	✓ 0	✗ 2
Management of mechanical ventilation	✗ 1	✓ 0	✗ 1
Obtain informed consent	✗ 1	✓ 0	✗ 1
Thoracentesis/Thoracostomy	✗ 1	✓ 0	✗ 2

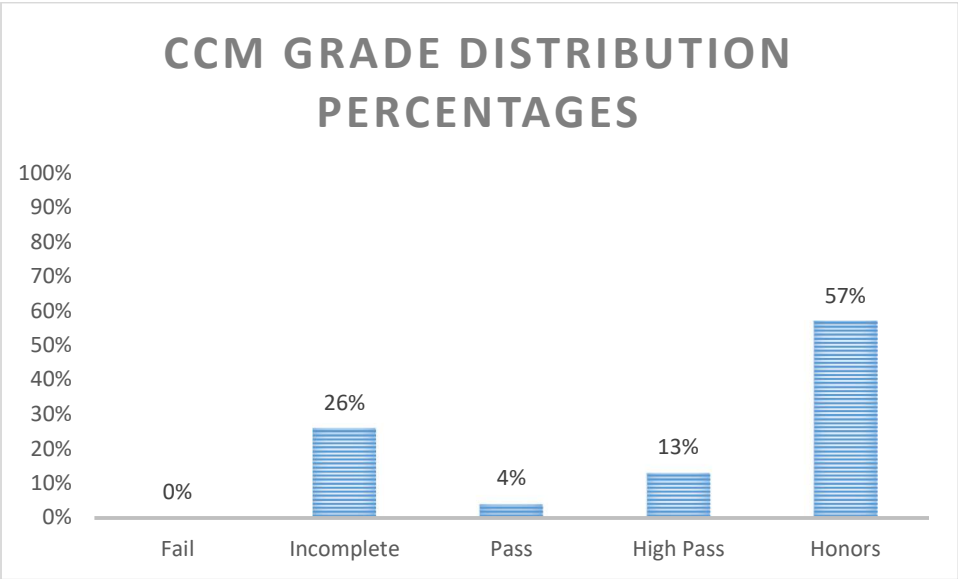
#### Part 4: MS4 STUDENT WORK HOUR LOGS IN CCM ONLY / QUALITY & SITE COMPARABILITY

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
<b>Critical Care</b>	<b>18</b>	<b>66.5</b>	<b>0</b>	●	<b>41.6</b>	●
ICU-RCH	13	66.5	0	●	41.3	●
ICU-UCSD	1	49.5	0	●	49.5	●
MICU-RUHS	1	61.5	0	●	42.1	●
PICU-RUHS	1	51	0	●	48.9	●
SICU-RUHS	2	49	0	●	39.2	●
<b>Grand Total</b>	<b>18</b>	<b>66.5</b>	<b>0</b>	●	<b>41.6</b>	

**Part 5: MS4 Learner Evaluation Summary / Quality & Site Comparability**



CRITICAL CARE GRADE DISTRIBUTION					
Sites	Incomplete	Pass	High Pass	Honors	N = Total Number of students
ICU-Eisenhower				1	1
ICU-RCH	4		2	8	14
ICU-UCSD	1				1
MICU-RUHS		1		1	2
PICU-RUHS			1		1
SICU-RUHS	1			3	4
0% OF STUDENTS FAILED THIS CLERKSHIP					

## Part 6: Timeliness of Grades

Quality Benchmark for Clerkship & Site: LCME requires that all grades be visible to students prior to 6 weeks from the last day of the clerkship. All MS4 courses, including CCM and Sub-I receive their grades at the same time at the end of each registration block. Please note that this only captures grades for Blocks 1 through 4. Blocks 5 and 6 were still pending as of 12/9/2021. The average across the first 4 blocks for delivering grades is 5 weeks and 3 days.

Academic Year 2021-2022			
Availability of Final Grades		Number of weeks it took for students to receive grades	Percentage of students who did <u>not</u> receive grades within 6 weeks.
Year	Academic Year 2021-2022, December 2021		
4	Block 1	5w 6d	0.0%
4	Block 2	3w 6d	0.0%
4	Block 3	6w 0d	0.0%
4	Block 4	6w 0d	0.0%
<b>Average</b>	<b>All Blocks</b>	<b>5w 3d</b>	<b>0.0%</b>

