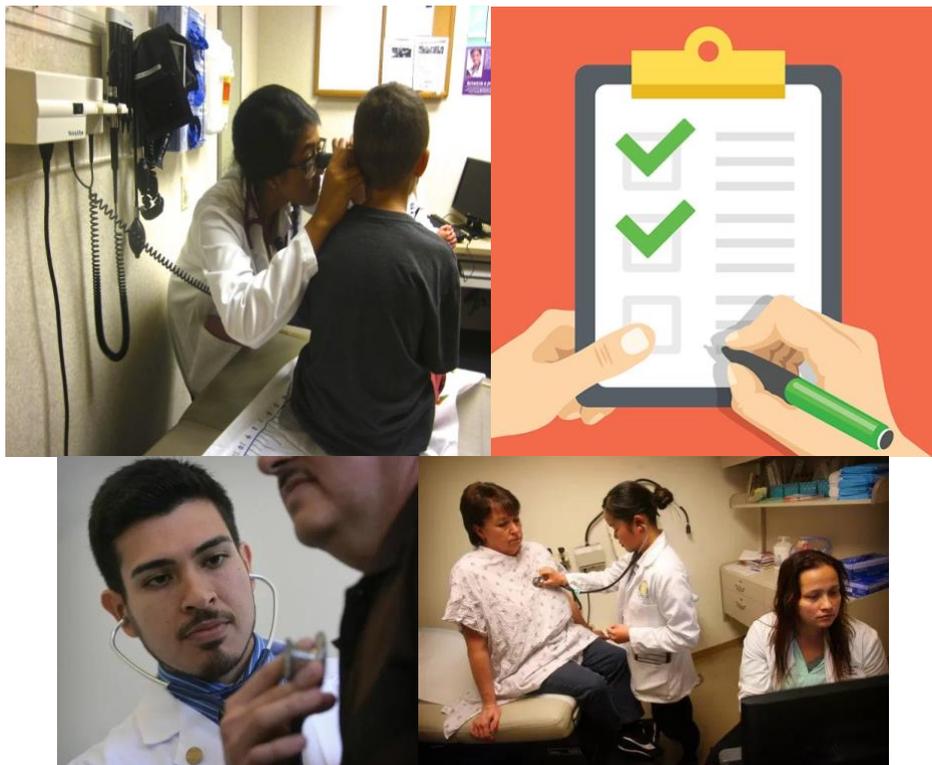


Required Clinical Encounter Logs for Students in the Clinical Years and the Longitudinal Ambulatory Care Experience (LACE 1 / 2 / 3)



AY21-22 Manual
Office of Medical Education
Associate Dean for Clinical Medical Education
Clerkship Curriculum Subcommittee

Overview

This manual outlines requirements for the Office of Medical Education oversight of the required clinical encounters (RCE) logs of all patient encounters to be documented by all medical students at the University of California Riverside School of Medicine (UCR SOM). The policies and procedures contained within are applicable to all faculty, instructors and students at UCR SOM.

Each first-, second- and third-year medical student is required to keep an electronic log of all patient encounters on the Longitudinal Ambulatory Care Experience (LACE) 1, 2 and 3.

Each third-year medical student is required to keep an electronic log of all patient encounters on all core clinical clerkships:

- Emergency Medicine
- Family Medicine
- Internal Medicine
- Obstetrics and Gynecology
- Neurology
- Pediatrics
- Psychiatry
- Surgery

Each fourth-year medical student completing Critical Care Medicine is required to keep an electronic log of all patient encounters.

Student logging is a requirement of the Liaison Committee on Medical Education (LCME), which accredits all medical schools in the United States and Canada.

The clerkship, LACE and Critical Care Medicine directors have defined the types of patients, the diagnosis (e.g., conditions, symptoms, diagnosis, state of health) and procedures (e.g., procedures, skills, counseling) that all medical students must encounter and experience during their rotations. The faculty has also determined the appropriate clinical setting for these educational experiences and the expected level of student responsibility during these patient encounters.

All UCR SOM students must log all the requisite clinical experiences as established by each clerkship, LACE and Critical Care Medicine director through patient care. Every student must review the progress of their patient encounters logs during the mid-clerkship feedback session on every required rotation with a designated faculty member (e.g., supervising attending, clinical site director, or clerkship director). The student and designated faculty will formulate plans for meeting the remaining requisite diagnosis and procedures before the end of the rotation. If a student cannot complete the required diagnosis or procedures in the clinical setting, they must complete an alternative educational experience (as set by the clerkship director) before the rotation has ended.

Logging encounters and meeting with designated faculty to seek out the missing diagnosis or procedures enables students to standardize their educational experiences at all clinical sites throughout the academic year. The process also allows rotation directors to assess and remedy any chronic variability in student experiences at any specific site.

UC Riverside, School of Medicine Policies and Procedures**Policy Title:** Policy for Defining the Requisite Diagnosis and Procedures All UCR SOM Students Must Encounter in the Required Clinical Rotations**Policy Number:**

Responsible Officer:	Senior Associate Dean for Medical Education
Responsible Office:	Office of Medical Education
Origination Date:	
Date of Revision:	
Scope:	All medical students, faculty, staff at UCR SOM

I. Policy Summary

The clerkship, LACE 1 / 2 / 3 and Critical Care directors define the requisite diagnosis and procedures that all UCR SOM students must encounter in the required clinical rotations.

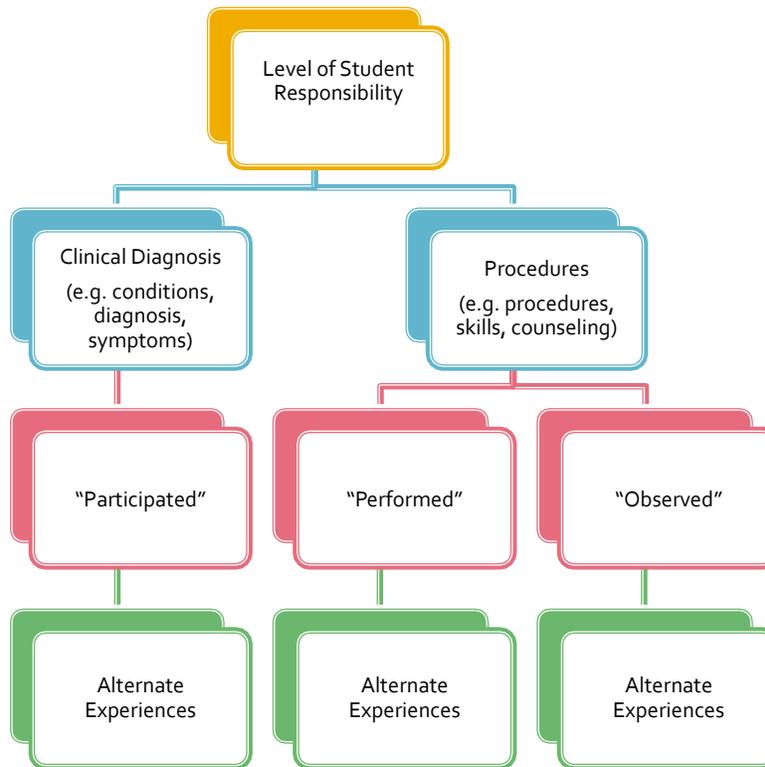
II. Definitions

Longitudinal Ambulatory Care Experience (LACE)

III. Policy Text

- A. The clerkship, LACE 1 / 2 / 3 and Critical Care directors define the types of patients, the diagnosis (e.g., conditions, symptoms, diagnosis, state of health) and the procedures (e.g., procedures, skills, counseling) that all medical students must encounter and experience during their rotations.
- B. The directors determine the appropriate clinical setting (e.g., inpatient, outpatient or either) for each of these educational experiences and the expected level of student responsibility during these direct patient encounters.
Level of student responsibility:
 1. For diagnosis, the level of student responsibility is set at “participated”.
 - a. Participated is defined as: “The student must be actively involved in seeing the patient with appropriate supervision, either from the initial presentation and/or during the discussion of the diagnosis and management of the patient’s condition. The student should be actively engaged in eliciting or discussing the patient’s complaints and history, the physical diagnosis and the results of supporting labs and imaging studies. The student should have the opportunity to ask questions.”
 2. For procedures, the student responsibility will be set at “performed” (e.g., breast exam, venipuncture) and/or “observed” (e.g., Cesarean section) as appropriate to the task.
 - a. Performed is defined as: “The student, under direct supervision, appropriately executes the required steps of the task. The student received guidance, support and feedback from the preceptor.”

- b. Observed is defined as: “The student is present and attentively studying the patient encounter in order to learn from the observation (e.g., the process, the patient experience).”



- C. The specific diagnosis and procedures that must be encountered and tracked by students within each clerkship must be reviewed with students.
- D. The minimum frequency a diagnosis must be encountered by a student within each rotation is set at one. The minimum frequency a procedure must be observed and/or performed by a student within each rotation is determined by the clerkship and must be reviewed with students.
- E. If a student cannot locate the required diagnosis or procedures in the clinical setting, they must complete an alternative educational experience as determined by the clerkship director before the rotation has ended. The approved alternative educational experiences are:
1. If a student cannot locate the required diagnosis or procedures in the clinical setting, they must complete an alternative educational experience as determined by the clerkship director before the rotation has ended. The approved alternative educational experiences are:
 - a. Online cases
 - b. Standardized patients
 - c. Simulation
 - d. Video cases
 - e. Readings
 - f. Case-based learning sessions

g. Didactics/Conferences

F. A clerkship director must request approval from the Clerkship Curriculum Subcommittee prior to adding, deleting or modifying any diagnosis, procedures, expected level of student responsibility, the defined appropriate clinical settings, and/or methods of alternate educational experiences from their rotation. "Other" is not allowed as a diagnosis or procedure.

Approval(s):

COMPLIANCE COMMITTEE (XX/XX/XXXX)

PAUL HACKMAN, J.D., L.L.M.
CHIEF COMPLIANCE AND PRIVACY OFFICER,
SCHOOL OF MEDICINE

DATE

DEBORAH DEAS, M.D., M.P.H
VICE CHANCELLOR, HEALTH SCIENCES
DEAN, SCHOOL OF MEDICINE

DATE

UC Riverside, School of Medicine Policies and Procedures**Policy Title:** Policy for Students to Log Requisite Diagnosis and Procedures in the Required Clinical Rotations**Policy Number:**

Responsible Officer:	Senior Associate Dean for Medical Education
Responsible Office:	Office of Medical Education
Origination Date:	
Date of Revision:	
Scope:	All medical students, faculty and staff

I. Policy Summary

All UCR SOM students must log all the requisite diagnosis and procedures as established by each clerkship, LACE 1 / 2 / 3 and the Critical Care director.

II. Definitions

Longitudinal Ambulatory Care Experience (LACE)

III. Policy Text

- A. All UCR SOM students must log all the requisite diagnosis and procedures as established by each clerkship, LACE 1 / 2 / 3 and Critical Care director and through patient care or alternate educational experiences.
- B. Every clinical rotation has set a standard for the minimum number of patients that must be seen to pass the rotation.
- C. All students are encouraged to log all patient encounters beyond the minimum standard.
- D. Age and gender demographics are logged; however, no patient identifiers are ever collected such as medical record numbers or patient names or initials.
- E. Students must denote the name of the supervising attending for each encounter submitted. Students must also provide the name of the supervising intern, resident, or fellow that supervised the encounter when appropriate.
- F. If a student cannot complete the required diagnosis or procedures in the clinical setting, they must complete an approved alternative educational experience as set by the clerkship director before the rotation has ended.
- G. Logging patient encounters is based on the honor system. All student submissions may be subject to review and verification at any time.
- H. The students are responsible for immediately contacting the Office of Medical Education via their clerkship coordinator if they are experiencing any technical issues logging patient encounters onto the electronic platform (e.g., MedHub).

Approval(s):

COMPLIANCE COMMITTEE (XX/XX/XXXX)

PAUL HACKMAN, J.D., L.L.M.
CHIEF COMPLIANCE AND PRIVACY OFFICER,
SCHOOL OF MEDICINE

DATE

DEBORAH DEAS, M.D., M.P.H
VICE CHANCELLOR, HEALTH SCIENCES
DEAN, SCHOOL OF MEDICINE

DATE

UC Riverside, School of Medicine Policies and Procedures

Policy Title: Policy for Mandatory Review of Logs with Students During Each Clerkship

Policy Number:

Responsible Officer:	Senior Associate Dean for Medical Education
Responsible Office:	Office of Medical Education
Origination Date:	
Date of Revision:	
Scope:	All medical students, faculty and staff

I. Policy Summary

Every student must review with a designated faculty member (e.g., supervising attending, clinical site director, or clerkship director) the progress of their patient encounters logs during the mid-clerkship feedback session on every required clerkship, LACE 1 / 2 / 3, and the Critical Care rotation.

II. Definitions

Longitudinal Ambulatory Care Experience (LACE)

III. Policy Text

- A. The clerkship, LACE 1 / 2 / 3, and the Critical Care directors are responsible for designating the specific faculty member that will review the logs with students and for communicating this information to students.
- B. The student and designated faculty member are mutually responsible for arranging the mid-clerkship feedback session. The clerkship director must be contacted immediately if there is any difficulty in arranging this session.
- C. Each student is responsible for providing a copy of their log report for review by the faculty member during this session.
- D. The student and designated faculty will formulate plans for meeting the remaining requisite diagnosis and procedures before the end of the rotation. The student is responsible for proactively seeking out these experiences.
- E. If a student cannot complete the required diagnosis or procedures in the clinical setting, he / she must complete an alternative educational experience (as set by the clerkship) before the rotation has ended.

Approval(s):

COMPLIANCE COMMITTEE (XX/XX/XXXX)

PAUL HACKMAN, J.D., L.L.M.
CHIEF COMPLIANCE AND PRIVACY OFFICER,
SCHOOL OF MEDICINE

DATE

DEBORAH DEAS, M.D., M.P.H
VICE CHANCELLOR, HEALTH SCIENCES
DEAN, SCHOOL OF MEDICINE

DATE

UC Riverside, School of Medicine Policies and Procedures**Policy Title:** Policy for Student Completion of All Patient Log Requirements in All Clerkships, LACE 1 / 2 / 3 and Critical Care Rotation**Policy Number:**

Responsible Officer:	Senior Associate Dean for Medical Education
Responsible Office:	Office of Medical Education
Origination Date:	
Date of Revision:	
Scope:	

I. Policy Summary

As per institutional and Liaison Committee for Medical Education standards, all students must meet all the requisite diagnosis and procedures established by each clerkship, LACE 1 / 2 / 3 and the Critical Care Medicine director through patient care or alternate educational experiences.

II. Definitions

Longitudinal Ambulatory Care Experience (LACE)

III. Policy Text

A. All students must meet all the requisite diagnosis and procedures established by each clerkship, LACE 1 / 2 / 3 and the Critical Care rotation through patient care or alternate educational experiences.

B. All students must meet each clerkship's standards for the minimum number of patients that must be seen.

a. The following is the minimum number of patients to be seen in each clerkship:

- i. Critical Care - 25
- ii. Emergency Medicine - 20
- iii. Family Medicine - 7
- iv. Internal Medicine - 25
- v. LACE 1 - 16
- vi. LACE 2 - 16
- vii. LACE 3 - 35
- viii. Obstetrics and Gynecology - 35
- ix. Neurology – 8
- x. Pediatrics - 18
- xi. Psychiatry - 10
- xii. Surgery - 10

C. All students are encouraged to log all patient encounters beyond the minimum standard.

D. A student who does not complete the required OCE by 11:59pm on the final Friday of the clerkship will received an "Incomplete" for their grade. An

“Incomplete” grade will revert to a “Fail” if this requisite is not completed after one academic quarter.

Approval(s):

COMPLIANCE COMMITTEE (XX/XX/XXXX)

PAUL HACKMAN, J.D., L.L.M.
CHIEF COMPLIANCE AND PRIVACY OFFICER,
SCHOOL OF MEDICINE

DATE

DEBORAH DEAS, M.D., M.P.H
VICE CHANCELLOR, HEALTH SCIENCES
DEAN, SCHOOL OF MEDICINE

DATE

UC Riverside, School of Medicine Policies and Procedures**Policy Title:** Policy for Monitoring Comparability of Completion of Required Clinical Experiences for Each Clerkship and Clinical Sites**Policy Number:**

Responsible Officer:	Senior Associate Dean for Medical Education
Responsible Office:	Office of Medical Education
Origination Date:	
Date of Revision:	
Scope:	All medical students, faculty and staff

I. Policy Summary

The Office of Medical Education is responsible for monitoring the completion of required clinical experiences for each third-year clerkship and LACE 1 / 2 / 3 and each clerkship site for all students.

II. Definitions

Longitudinal Ambulatory Care Experience (LACE)

Office of Assessment and Evaluation (OAE)

III. Policy Text

A. OAE generates a report twice a year to measure the completion of required clinical experiences for each clerkship and LACE 1 / 2 / 3 and each clerkship site for all students.

B. Every six months:

1. A copy of the individual clerkship site comparability report is provided to each clerkship director, the LACE 1 / 2 / 3 director and the Associate Dean for Clinical Medical Education for review.

2. The clerkship and LACE 1 / 2 / 3 director is responsible for sharing this report with their clinical site directors.

C. Twice a year, the Assessment and Evaluation Subcommittee reviews the site comparability data for each clerkship and LACE 1 / 2 / 3.

D. The LACE 1 and 2 director responds to the site comparability report and conducts a brief presentation to the Pre-clerkship Curriculum Subcommittee. As part of the response and presentation, LACE 1 and 2 director must address specific strategies for closing any comparability gaps if they are noted.

E. The clerkship and LACE 3 directors respond to the site comparability report and conducts a brief presentation to the Clerkship Curriculum Subcommittee. As part of the response and presentation, the clerkship or director must address specific strategies for closing any comparability gaps if they are noted.

F. The quality and site comparability benchmarks for patient encounters logs is set by the Liaison Committee on Medical Education (LCME):

Parameter	LCME Standard	Quality Benchmark Flag	Site Comparability Flag	Comments
Required Clinical Encounter Logs	8.6: Monitoring of Completion of Required Clinical Experiences	<p><i>Clerkship</i> “≤ 75% of all students reported encountering a live patient with this condition/procedure” is flagged for concern.</p> <p><i>Site</i> “≤ 75% of all students reported encountering a live patient with this condition/procedure” is flagged for concern.</p>	N/A (same as quality benchmark)	<p>-LCME DCI definition: <i>“Provide all required clinical encounters/skills for each listed clerkship that were satisfied with alternative methods by 25% or more of students in the most recently-completed academic year, and describe what the alternative methods were (e.g., simulations, computer cases).”</i></p> <p>-6-month and 12-month period reports are issued per academic year</p>

Approval(s):

COMPLIANCE COMMITTEE (XX/XX/XXXX)

 PAUL HACKMAN, J.D., L.L.M.
 CHIEF COMPLIANCE AND PRIVACY OFFICER,
 SCHOOL OF MEDICINE

 DATE

 DEBORAH DEAS, M.D., M.P.H.
 VICE CHANCELLOR, HEALTH SCIENCES
 DEAN, SCHOOL OF MEDICINE

 DATE

Patient Logs

Critical Care Medicine

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
ABG interpretation	Procedure	Observed	Inpatient	ILM on ABG intrerpretation	Online cases/resource
Acute kidney injury	Diagnosis	Participated	Inpatient	www.youtube.com/watch?v=DecCzLpjAHw	Online cases/resource
Arterial line placement	Procedure	Observed	Inpatient	NEJM Videos in clinical medicine- Arterial line placement	Online cases/resource
Central venous line placement	Procedure	Observed	Inpatient	NEJM Videos in clinical medicine-Central line placement	Online cases/resource
Chest x-ray interpretation	Procedure	Performed	Inpatient	http://www.mc.uky.edu/education/images/flash/chestnew.swf	Online cases/resource
Coagulopathic patient	Diagnosis	Participated	Inpatient	https://www.khanacademy.org/science/health-and-medicine/advanced-hematologic-system/bleeding-and-impaired-hemostasis/v/introduction-to-hemostasis	Online cases/resource
ECG Interpretation	Procedure	Performed	Inpatient	Complete tutorial: http://ecg.utah.edu/	Online cases/resource
Electrolyte derangement	Diagnosis	Participated	Inpatient	Review ILM by Dr. Brigham Willis (posted to course website)	Didactics / Conferences
Elevated Intracranial pressure	Diagnosis	Participated	Inpatient	https://www.youtube.com/watch?v=6aqklopZheU	Online cases/resource
Endotracheal intubation	Procedure	Observed	Inpatient	NEJM Videos in clinical medicine-Endotracheal intubation	Online cases/resource
Healthcare associated infection	Diagnosis	Participated	Inpatient	https://www.youtube.com/watch?v=-FfMCv8FUXI	Online cases/resource
Intrathoracic pressure effecting right ventricular pressures and/or pulmonary vascular resistance	Diagnosis	Participated	Inpatient	Read: WL, Willis BC. Mechanical Ventilation, Cardiopulmonary Pulmonary Issues in Children with Critical Cardiac Disease, in E.M. da Cruz (eds). Pediatric and Congenital Cardiolgy, Cardiac Surgery and Intensive Care, Springer-vertag London (posted to course website) et al.	Didactics / Conferences

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Intrathoracic pressure modulating afterload	Diagnosis	Participated	Inpatient	Read: WL, Willis BC. Mechanical Ventilation, Cardiopulmonary Pulmonary Issues in Children with Critical Cardiac Disease, in E.M. da Cruz (eds). Pediatric and Congenital Cardiology, Cardiac Surgery and Intensive Care, Springer-vertag London (posted to course website) et al.	Didactics / Conferences
Intrathoracic pressure modulating preload	Diagnosis	Participated	Inpatient	Read: WL, Willis BC. Mechanical Ventilation, Cardiopulmonary Pulmonary Issues in Children with Critical Cardiac Disease, in E.M. da Cruz (eds). Pediatric and Congenital Cardiology, Cardiac Surgery and Intensive Care, Springer-vertag London (posted to course website) et al.	Didactics / Conferences
Management of arrhythmias	Diagnosis	Participated	Inpatient	https://www.khanacademy.org/science/health-and-medicine/circulatory-diseases/dysrhythmias-and-tachycardias/v/normal-sinus-rhythm-on-ecg	Online cases/resource
Management of mechanical ventilation	Procedure	Observed	Inpatient	https://courses.washington.edu/med610/mechanicalventilation/cases.html	Online cases/resource
Obtain informed consent	Procedure	Observed	Inpatient	UptoDate: informed consent	Online cases/resource
Respiratory failure	Diagnosis	Participated	Inpatient	https://www.youtube.com/watch?v=gk_Qf-JAL84 (watch all 5 parts)	Online cases/resource
Sepsis	Diagnosis	Participated	Inpatient	https://www.khanacademy.org/science/health-and-medicine/circulatory-system-diseases/shock/v/sepsis-sirs-mods	Online cases/resource
Shock	Diagnosis	Participated	Inpatient	https://www.khanacademy.org/science/health-and-medicine/circulatory-system-diseases/shock/v/septic-shock-pathophysiology-and-symptoms	Online cases/resource
Thoracentesis/ Thoracostomy	Procedure	Observed	Inpatient	NEJM Videos in clinical medicine-Thoracentesis	Online cases/resource
Transfusion of blood products	Diagnosis	Participated	Inpatient	https://www.youtube.com/watch?v=tLCiO4RNVMQ	Online cases/resource

Emergency Medicine

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Abdominal pain	Diagnosis	Participated	Either	https://coreem.net/core/abdominal-aortic-aneurysm/ , https://coreem.net/core/ectopic-pregnancy/ , https://coreem.net/core/acute-cholecystitis/ , https://coreem.net/core/small-bowel-obstruction/	Online cases/resource
Altered mental status	Diagnosis	Participated	Either	https://www.aliem.com/delirium-in-older-adults/	Online cases/resource
Central line placement	Procedure	Observed	Either	https://litfl.com/central-venous-catheters/	Online cases/resource
Chest pain	Diagnosis	Participated	Either	https://rebelem.com/is-it-time-to-start-using-the-heart-pathway-in-the-emergency-department/ , http://www.emdocs.net/non-traditional-acs-risk-factors-snake-grass/ , http://www.emdocs.net/acute-aortic-dissection-3/	Online cases/resource
Intubation	Diagnosis	Observed	Either	https://emcrit.org/dsi/	Online cases/resource
Mechanical ventilation	Procedure	Observed	Either	https://emcrit.org/emcrit/vent-part-1/	Online cases/resource
Neurological complaint	Diagnosis	Participated	Either	https://emcrit.org/pulmcrit/dubious-neurocritical/	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Orthopedic injury	Diagnosis	Participated	Either	https://coreem.net/core/non-traumatic-low-back-pain/ , https://www.aliem.com/hip-fractures-in-older-adults/ , http://www.emdocs.net/open-fractures-pearls-and-pitfalls/	Online cases/resource
Pediatric complaint	Diagnosis	Participated	Either	https://first10em.com/2015/11/02/neonatal-resuscitation-2015/ , http://pedemmorsels.com/bulging-fontanelle/	Online cases/resource
Resuscitation	Diagnosis	Participated	Either	https://coreem.net/core/dka/ , https://coreem.net/core/management-of-hyperkalemia/ , http://rebelem.com/post-partum-hemorrhage/ , https://coreem.net/core/non-response-vasopressors/	Online cases/resource
Sedation	Procedure	Observed	Either	https://emcrit.org/emcrit/procedural-sedation-part-1/ , https://emcrit.org/emcrit/procedural-sedation-part-2/	Online cases/resource
Sepsis	Diagnosis	Participated	Either	http://emclerkship.com/sepsis/	Online cases/resource
Shortness of breath	Diagnosis	Participated	Either	http://www.emdocs.net/myths-in-heart-failure-part-i-ed-evaluation/	Online cases/resource
Trauma	Diagnosis	Participated	Either	http://www.emdocs.net/anticoagulated-head-injury/	Online cases/resource

Family Medicine

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Abdominal Discomfort	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2008/0401/p971.html	Readings
Asthma	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2008/0415/p1109.html	Readings
Chest Pain	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2017/0201/p170.html	Readings
Cough	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2011/1015/p887.html	Readings
Cryotherapy of skin lesion	Procedure	Observed	Outpatient	https://www.aafp.org/afp/2014/0901/p312.html	Readings
Depression	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2018/1015/p508.html	Readings
Diabetes Type II	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2019/0215/p237.html	Readings
Hypertension	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2017/0415/p492.html	Readings
Low Back Pain	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2018/1001/p421.html	Readings
Office Minor Surgical Procedure	Procedure	Observed	Outpatient	https://www.aafp.org/afp/2014/0901/p312.html	Readings
Smoking	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2020/0815/p234.html	Readings
Well Adult Female/Routine Health Maintenance Visit	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2016/0715/p106.html	Readings
Well Adult Male/Routine Health Maintenance Visit	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2018/1215/p729.html	Readings
Well Child/Routine Health Maintenance Visit	Diagnosis	Participated	Outpatient	https://www.aafp.org/afp/2018/0915/p347.html	Readings

Internal Medicine

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Abdominal pain	Diagnosis	Participated	Inpatient	Aquifer modules: 9,10,11	Online cases/resource
Anemia	Diagnosis	Participated	Inpatient	Aquifer modules: 19	Online cases/resource
CAD	Diagnosis	Participated	Inpatient	Aquifer modules: 2	Online cases/resource
Congestive heart failure	Diagnosis	Participated	Inpatient	Aquifer modules: 4	Online cases/resource
COPD	Diagnosis	Participated	Inpatient	Aquifer modules: 28	Online cases/resource
Dysrhythmias	Diagnosis	Participated	Inpatient	Aquifer modules: 3	Online cases/resource
Fever	Diagnosis	Participated	Inpatient	Aquifer modules: 21,24	Online cases/resource
Fluid, electrolyte, acid- base disorder	Diagnosis	Participated	Inpatient	Aquifer modules: 25	Online cases/resource
GI Bleed	Diagnosis	Participated	Inpatient	Aquifer modules: 10	Online cases/resource
HIV	Diagnosis	Participated	Inpatient	Aquifer modules: 20	Online cases/resource
Liver Disease	Diagnosis	Participated	Inpatient	Aquifer modules: 11,36	Online cases/resource
Nosocomial Infection	Diagnosis	Participated	Inpatient	Aquifer modules: 24	Online cases/resource
Pneumonia	Diagnosis	Participated	Inpatient	Aquifer modules: 22	Online cases/resource
Renal disease Acute/Chronic	Diagnosis	Participated	Inpatient	Aquifer modules: 23,33	Online cases/resource
Rheumatologic Disorders	Diagnosis	Participated	Inpatient	Aquifer modules: 32,35	Online cases/resource
TB or +PPD	Diagnosis	Participated	Inpatient	Aquifer modules: 20,29	Online cases/resource
Venous thromboembolism	Diagnosis	Participated	Inpatient	Aquifer modules: 30	Online cases/resource

LACE 1

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Physical Exam - Vital signs	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 4 (p111-146)	Readings
Physical Exam - Skin	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 6 (p173-214)	Readings
Physical Exam - Head, neck, lymph node	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 7 (p215-302)	Readings
Physical Exam - Ear, nose, throat	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 7 (p215-302)	Readings
Physical Exam - Cardiovascular	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 9 (p343-418)	Readings
Physical Exam - Respiratory	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 8 (p303-342)	Readings
Physical Exam - Abdominal	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 11 (p449-508)	Readings
Physical Exam - Genitourinary (male)	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 13 & 14 (p541-606)	Readings
Physical Exam - Genitourinary (female)	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 13 & 14 (p541-606)	Readings
Physical Exam - Breast / axillae	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 10 (p419-448)	Readings
Physical Exam - Musculoskeletal (upper extremity)	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 16 (p625-710)	Readings
Physical Exam - Musculoskeletal (lower extremity)	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 16 (p625-710)	Readings
Physical Exam - Neurological	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 4 (p111-146)	Readings
Physical Exam - Ophthalmologic	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 17 (p711-796)	Readings

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
History - present illness (OLDCARTS method)	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 3 (p65-108)	Readings
History - social assessment (HEADSSS method)	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 18 (p799-926)	Readings
History - assessment of cardiac risk factors	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 3 (p65-108)	Readings
History - assessment of tobacco use history	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 3 (p65-108)	Readings
History - screen for social determinants of health (i.e. food security)	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 3 (p65-108)	Readings
History - screen for intimate partner violence	Procedure	Observed	Outpatient	MedEd - Open Access - IPV Screening: https://www.mededportal.org/doi/10.15766/mep_2374-8265.10622	Online cases/resource
Skills - counsel on preventive care for chronic disease	Procedure	Observed	Outpatient	Bates' Guide (12e) - Chapter 3 (p65-108)	Readings
Skills - read an electrocardiogram	Procedure	Observed	Outpatient	ECG Learning Center - University of Utah: https://ecg.utah.edu/outline	Online cases/resource
Skills - read a chest radiograph	Procedure	Observed	Outpatient	MedEd - University of Virginia: https://www.med-ed.virginia.edu/courses/rad/cxr/objectives.html	Online cases/resource

LACE 2

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Physical Exam - Head, neck, lymph node	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/head.html	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Physical Exam - Ear, nose, throat	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/head.html#Ear	Online cases/resource
Physical Exam - Cardiovascular	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/heart.html	Online cases/resource
Physical Exam - Respiratory	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/lung.html	Online cases/resource
Physical Exam - Abdominal	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/abdomen.html	Online cases/resource
Physical Exam - Genitourinary (male)	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/genital.html	Online cases/resource
Physical Exam - Genitourinary (female)	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/pelvic.html	Online cases/resource
Physical Exam - Breast / axillae	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/breast.html	Online cases/resource
Physical Exam - Musculoskeletal (upper extremity)	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/joints.html	Online cases/resource
Physical Exam - Musculoskeletal (lower extremity)	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/joints.html	Online cases/resource
Physical Exam - Neurological	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/neuro2.html	Online cases/resource
Physical Exam - Ophthalmologic	Procedure	Performed	Outpatient	MedEd - UCSD: https://meded.ucsd.edu/clinicalmed/eyes.html	Online cases/resource
Physical Exam - Skin	Procedure	Performed	Outpatient	Bates' Guide (12e) - Chapter 6 (p173-214)	Readings

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Skills - psychiatry screening tool (PHQ, GAD, MDQ)	Procedure	Performed	Outpatient	USPSTF Guidelines - Depression: https://www.uspreventiveservicestaskforce.org/uspstf/document/RecommendationStatementFinal/depression-in-adults-screening	Online cases/resource
Skills - counseling on smoking cessation	Procedure	Performed	Outpatient	AAFP Smoking Cessation: https://www.aafp.org/afp/2012/0315/p591.html	Online cases/resource
Skills - screening for cognitive delay (MOCA, MMSE, Mini-Cog)	Procedure	Performed	Outpatient	MOCA (Veterans Affairs) - https://www.parkinsons.va.gov/resources/MOCA-Test-English.pdf	Online cases/resource
Skills - counseling on advance care planning	Procedure	Performed	Outpatient	NHPCO Tools - https://www.nhpco.org/patients-and-caregivers/advance-care-planning/	Readings
Skills - counseling on cancer screening guidelines	Procedure	Performed	Outpatient	USPSTF Guidelines - Cancer: https://www.uspreventiveservicestaskforce.org/uspstf/recommendation-topics/uspstf-and-b-recommendations	Online cases/resource
Skills - read and interpret an electrocardiogram	Procedure	Performed	Outpatient	ECG Wave Maven - Harvard: https://ecg.bidmc.harvard.edu/maven/mavenmain.asp	Online cases/resource
Skills - read and interpret a chest radiograph	Procedure	Performed	Outpatient	MedEd - University of Virginia: https://www.med-ed.virginia.edu/courses/rad/cxr/objectives.html	Online cases/resource
Skills - read and interpret abdominal/pelvic imaging study	Procedure	Performed	Outpatient	MedEd - University of Virginia: https://www.med-ed.virginia.edu/courses/rad/PlainAbdomen/index.html	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Skills - interpret hematologic laboratory values	Procedure	Performed	Outpatient	MedEd - Tulane University: https://acid-base.com/	Online cases/resource
Skills - interpret microbiology culture or analysis	Procedure	Performed	Outpatient	NCBI Urine Culture: https://www.ncbi.nlm.nih.gov/books/NBK557569/	Online cases/resource

LACE 3

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Abdominal Discomfort	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/infectious-disease-7 or https://onlinemeded.org/spa/cases/pediatrics-10	Online cases/resource
Congestive heart failure	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/cardiology-2	Online cases/resource
Coronary artery disease	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cardiology/coronary-artery-disease/acquire	Online cases/resource
Cough / asthma, chronic obstructive	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/pulmonology-6	Online cases/resource
Diabetes / insulin resistance	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/endocrine-3	Online cases/resource
Headache	Diagnosis	Participated	Outpatient	Aquifer - Family Medicine 18 - Headache: https://aquifer.org/courses/aquifer-family-medicine/#case-list	Online cases/resource
Hyperlipidemia	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cardiology/cholesterol/acquire	Online cases/resource
Hypertension	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cardiology/hypertension/acquire	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Mental health visit (depression, anxiety)	Diagnosis	Participated	Outpatient	Aquifer - Family Medicine 05 - Palpitations & 26 - Fatigue - https://aquifer.org/courses/aquifer-family-medicine/#case-list	Online cases/resource
Musculoskeletal issue	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/rheumatology-1	Online cases/resource
Rash or skin issue	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/rheumatology-2	Online cases/resource
Upper respiratory infection, acute	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/infectious-disease-4	Online cases/resource
Urinary tract infection	Diagnosis	Participated	Outpatient	Online MedEd: https://onlinemeded.org/spa/cases/endocrine-2	Online cases/resource
Wellness visit	Diagnosis	Participated	Outpatient	Aquifer - Family Medicine 02 - Wellness Visit: https://aquifer.org/courses/aquifer-family-medicine/#case-list	Online cases/resource

Neurology

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Headache medicine	Diagnosis	Participated	Either	https://learning.aan.com/diweb/catalog/launch/package/4/eid/6511562	Online cases/resource
Cerebrovascular disease including Stroke and TIAs	Diagnosis	Participated	Either	https://youtu.be/uOpZmybY9fg	Online cases/resource
Dementia	Diagnosis	Participated	Either	https://learning.aan.com/diweb/catalog/launch/package/4/eid/6447119	Online cases/resource
Epilepsy/ Seizures	Diagnosis	Participated	Either	https://youtu.be/1HMpRDEWzD4 and https://youtu.be/YlxGbsDiSRw	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Movement disorders including Parkinson disease	Diagnosis	Participated	Either	https://youtu.be/cxHpFWKifGw	Online cases/resource
Neuromuscular (muscles and nerves)	Diagnosis	Participated	Either	https://www.uptodate.com/contents/approach-to-the-patient-with-muscle-weakness?search=myopathy&source=search_result&selectedTitle=1~150&usage_type=default&display_r	Readings
Neuroimmunology including Multiple Sclerosis/MS	Diagnosis	Participated	Either	https://learning.aan.com/diweb/catalog/launch/package/4/eid/5204492	Online cases/resource
Lumbar Puncture	Procedure	Observed	Either	https://www.uptodate.com/contents/lumbar-puncture-technique-indications-contraindications-and-complications-in-adults	Online cases/resource

Obstetrics and Gynecology

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
1 st Trimester Bleeding	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/vaginal-bleeding-2/acquire https://onlinemeded.org/spa/gynecology/vaginal-bleeding-3/acquire	Online cases/resource
3 rd Trimester Bleeding	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/3rd-trimester-bleeding/acquire	Online cases/resource
Abnormal Pap Test	Diagnosis	Participated	Either	APGOM #3, 52 and APGOB #1	Online cases/resource
Abnormal Uterine Bleeding	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/vaginal-bleeding-3/acquire	Online cases/resource
Adnexal Mass/Cyst	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/adnexal-mass/acquire	Online cases/resource
Basic Suturing	Procedure	Performed	Either	Demonstrate on Model	Simulation

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
C-section	Procedure	Observed	Either	https://onlinemeded.org/spa/obstetrics/ob-operations/acquire	Online cases/resource
Cervical Exam	Procedure	Observed	Either	https://onlinemeded.org/spa/obstetrics/normal-labor/acquire	Online cases/resource
Clinical Breast Exam	Procedure	Performed	Either	Demonstrate on Breast Model	Simulation
Diabetes in Pregnancy	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/medical-disease/acquire	Online cases/resource
Ectopic Pregnancy	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/vaginal-bleeding-2/acquire https://onlinemeded.org/spa/gynecology/vaginal-bleeding-3/acquire	Online cases/resource
Endometriosis	Diagnosis	Participated	Either	APGOM #38	Online cases/resource
Fibroids	Diagnosis	Participated	Either	APGOM #53	Online cases/resource
Foley Cath Insertion	Procedure	Performed	Either	Discuss with Preceptor	Didactics / Conferences
Gynecologic Malignancy	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/cancer-intro/acquire	Online cases/resource
Hypertension in Pregnancy	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/medical-disease/acquire	Online cases/resource
Hysterectomy	Procedure	Observed	Either	https://onlinemeded.org/spa/gynecology/pelvic-anatomy/acquire	Online cases/resource
Infertility	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/infertility/acquire	Online cases/resource
Interpret Fetal Heart Tracing	Procedure	Performed	Either	https://onlinemeded.org/spa/obstetrics/antenatal-testing/acquire	Online cases/resource
Intimate Partner Violence Counseling	Diagnosis	Participated	Either	Discuss with Preceptor	Didactics / Conferences
Knot Tying	Procedure	Performed	Either	Demonstrate on Model	Simulation
Laparoscopy	Procedure	Observed	Either	https://onlinemeded.org/spa/gynecology/pelvic-anatomy/acquire	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Menopause/ Perimenopause	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/menopause/acquire	Online cases/resource
Normal Prenatal Care	Procedure	Observed	Either	https://onlinemeded.org/spa/obstetrics/normal-prenatal-care/acquire	Online cases/resource
Operative Vaginal Delivery	Procedure	Observed	Either	https://onlinemeded.org/spa/obstetrics/ob-operations/acquire	Online cases/resource
Pap Test	Procedure	Performed	Either	https://onlinemeded.org/spa/gynecology/cervical-cancer/acquire	Online cases/resource
Pelvic Exam	Procedure	Performed	Either	Demonstrate on Pelvic Model	Simulation
Pelvic Inflammatory Disease	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/gyn-infections/acquire	Online cases/resource
Pelvic Organ Prolapse	Diagnosis	Participated	Either	APGOM #37, APGOB #25	Online cases/resource
Pelvic Pain	Diagnosis	Participated	Either	APGOM #39, 46 and APGOB #8	Online cases/resource
Perineal Laceration Repair	Procedure	Observed	Either	https://onlinemeded.org/spa/obstetrics/ob-operations/acquire	Online cases/resource
Peripartum Infection	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/prenatal-infections/acquire https://onlinemeded.org/spa/obstetrics/prenatal-infections-2/acquire	Online cases/resource
Postmenopausal Bleeding	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/vaginal-bleeding/acquire	Online cases/resource
Postop Complication	Diagnosis	Participated	Either	https://onlinemeded.org/spa/surgery-general/postop-fever/acquire https://onlinemeded.org/spa/surgery-general/other-postop-issues/acquire	Online cases/resource
Postpartum Depression Screening	Diagnosis	Participated	Either	Discuss with Preceptor	Didactics / Conferences
Postpartum Hemorrhage	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/postpartum-hemorrhage/acquire	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient/ Either)	Alternate Experience	Alternate Experience Category
Postpartum Lactation Counseling	Procedure	Performed	Either	APGOM #13, 14 and APGOB #15 <u>OR</u> Discuss with Preceptor	Online cases/resource
Postterm Pregnancy	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/l-and-d-path/acquire	Online cases/resource
Premature Rupture of Membranes (PROM)	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/l-and-d-path/acquire	Online cases/resource
Prenatal Diagnosis	Procedure	Observed	Either	https://onlinemeded.org/spa/obstetrics/genetic-screening/acquire	Online cases/resource
Preterm Labor (PTL)	Diagnosis	Participated	Either	https://onlinemeded.org/spa/obstetrics/l-and-d-path/acquire	Online cases/resource
Sexually Transmitted Infections	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/gyn-infections/acquire	Online cases/resource
Spontaneous Vaginal Delivery	Procedure	Observed	Either	Discuss with Preceptor	Didactics / Conferences
Sterile Technique	Procedure	Performed	Either	Discuss with Preceptor	Didactics / Conferences
Tubal Ligation	Procedure	Observed	Either	https://onlinemeded.org/spa/obstetrics/contraception/acquire	Online cases/resource
Unintended Pregnancy Counseling	Diagnosis	Participated	Either	Discuss with Preceptor	Didactics / Conferences
Urinary Incontinence	Diagnosis	Participated	Either	https://onlinemeded.org/spa/gynecology/incontinence/acquire	Online cases/resource
Wet Mount	Procedure	Performed	Either	https://onlinemeded.org/spa/gynecology/gyn-infections/acquire	Online cases/resource

Pediatrics

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting	Alternate Experience	Alternate Experience Category
Asthma, Bronchiolitis, Cough	Diagnosis	Participated	Either	AQUIFER 12,13	Online cases/resource

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting	Alternate Experience	Alternate Experience Category
Child/Youth with Chronic/Special Needs (Physical or Intellectual or Sensory Disability, chronic health needs)	Diagnosis	Participated	Either	AQUIFER CASE 4,16,28 OR 27	Online cases/resource
Developmental Screening (ASQ, M-CHAT/R)	Procedure	Performed	Either	AQUIFER CASE 14,28 or 29	Online cases/resource
Gastroenteritis/Dehydration	Diagnosis	Participated	Either	AQUIFER PEDS 15,16,22 or 27	Online cases/resource
HEADDDSS -Well ADOLESCENT CARE (13-17 years)	Diagnosis	Participated	Either	AQUIFER PEDS 5,6	Online cases/resource
Health Maintenance - Well SCHOOL-AGED CHILD CARE (5-12 years)	Diagnosis	Participated	Outpatient	AQUIFER PEDS 4,	Online cases/resource
Health Maintenance - Well INFANT care:(1-12 months)	Diagnosis	Participated	Outpatient	AQUIFER PEDS 2,10 or 29	Online cases/resource
Health Maintenance - Well TODDLER care: (12-60 months)	Diagnosis	Participated	Outpatient	AQUIFER PEDS 3, 11	Online cases/resource
Heart Murmur/Congenital Disorders	Diagnosis	Participated	Either	AQUIFER PEDS 18	Online cases/resource
IM/SQ Injection	Procedure	Observed	Either	FLU, COVID VACCINE CLINICS	Didactics / Conferences
NEWBORN care: (0-1 month)	Diagnosis	Participated	Either	AQUIFER PEDS 1,7,8,9 or 18	Online cases/resource
Normal/Abnormal Growth and Development	Diagnosis	Participated	Either	AQUIFER PEDS 1,4,18 or 26	Online cases/resource
Obesity	Diagnosis	Participated	Either	AQUIFER 8	Online cases/resource
OFC Measurement	Procedure	Performed	Either	https://www.cdc.gov/zika/pdfs/microcephaly_measuring.pdf	Readings
Pneumatic Otoscopy	Procedure	Performed	Either	https://www.nejm.org/doi/full/10.1056/NEJMvcm0904397	Video cases

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting	Alternate Experience	Alternate Experience Category
Rash	Diagnosis	Participated	Either	AQUIFER PEDS 19,32	Online cases/resource
URI/Pharyngitis/Otitis Media	Diagnosis	Participated	Either	AQUIFER PEDS 14	Online cases/resource

Psychiatry

Encounter Name	Diagnosis/ Procedure	Level of Student Responsibility	Clinical Setting (Inpatient/ Outpatient / Either)	Alternate Experience	Alternate Experience Category
Anxiety Disorder	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=anxiety&v=y	Online cases/resource
Bipolar Disorder	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=bipolar&v=y	Online cases/resource
Depression	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=depression&v=y	Online cases/resource
Personality Disorder	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=personality&v=y	Online cases/resource
Schizophrenia and Psychotic disorder	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=psychotic&v=y	Online cases/resource
Substance use and abuse disorder	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=opiates&v=y	Online cases/resource
Stress or Trauma related disorder	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=childhood-ptsd&v=y	Online cases/resource
Suicidal ideation	Diagnosis	Participated	Either	https://www.admsep.org/csi-emodules.php?c=geriatric-depression&v=y	Online cases/resource

Surgery

Encounter Name	Diagnosis/Pr ocedure	Level of Student Responsibility	Clinical Setting	Alternate Experience	Alternate Experience Category
Abdominal Masses	Diagnosis	Participated	Either	Aquifer WISE-MD case: Inguinal hernia + Abdominal Aortic Aneurysm	Online cases/resource

Abdominal Pain	Diagnosis	Participated	Either	Aquifer WISE-MD case: Diverticulitus + Bowel obstruction	Online cases/resource
Basic suturing	Procedure	Performed	Either	Aquifer WISE-MD case: Suturing + instrument tie	Online cases/resource
Breast Disorders	Diagnosis	Participated	Either	Aquifer WISE-MD case: Breast Cancer	Online cases/resource
Colorectal disease	Diagnosis	Participated	Either	Aquifer WISE-MD case: Anorectal disease	Online cases/resource
Hepatobiliary disease	Diagnosis	Participated	Either	Aquifer WISE-MD case: Pancreatitis + Cholecystitis	Online cases/resource
Nutrition in surgical patients	Diagnosis	Participated	Either	Aquifer WISE-MD case: Bariatric surgery	Online cases/resource
Perioperative care: wound drain and ileus management	Diagnosis	Participated	Inpatient	https://teachmesurgery.com/skills/wounds/management/	Online cases/resource
Perioperative fluid and electrolyte disorders	Diagnosis	Participated	Inpatient	https://teachmesurgery.com/perioperative/perioperative/fluid-management/	Online cases/resource
Shock/Trauma Care	Diagnosis	Participated	Either	Aquifer WISE-MD case: Trauma resuscitation	Online cases/resource
Sterile Technique	Procedure	Performed	Either	https://teachmesurgery.com/skills/theatre-basics/scrubbing-gowning/	Online cases/resource
Wound care management	Procedure	Performed	Either	https://teachmesurgery.com/perioperative/skin/wound-dehiscence/	Online cases/resource
Wound care/non-healing wounds	Diagnosis	Participated	Either	Aquifer WISE-MD case: Burn management	Online cases/resource