

Supplemental Digital Appendix 1

Program Objectives and Assessment Methods

Medical Education Program Objectives	Assessment Methods
<p>Patient Care (PC) 1 (graduation). Gather complete and focused histories from patients, families, and electronic health records in an organized manner, appropriate to the clinical situation and the individual, interpersonal, and structural factors that impact health</p>	<ul style="list-style-type: none"> • During the first phase of the curriculum, Foundations 1 (F1): Clinical Microsystems Clerkship (CMC) clinical skills exam • During the second phase of the curriculum, Foundations 2 (F2) and the third phase of the curriculum, Career Launch (CL): • Clerkship summary evaluation, Bridges Brief Observation Tool (BBOT), mini-Clinical Performance Exam (CPX), CPX, interprofessional standardized patient exercise (ISPE)
<p>PC 2 (graduation). Conduct complete and focused physical exams, using technology-enhanced physical diagnosis tools where appropriate, interpreting abnormalities and maintaining patient comfort</p>	<ul style="list-style-type: none"> • F1: CMC clinical skills exam • F2/CL: Clerkship summary evaluation, BBOT, mini-CPX, CPX, ISPE
<p>PC 3 (graduation). Present encounters efficiently, including relevant gathered information, assessment, and plan</p>	<ul style="list-style-type: none"> • F1: CMC clinical skills exam • F2/CL: Clerkship summary evaluation
<p>PC 4 (graduation). Document patient encounters accurately, efficiently, and promptly including independent authorship for reporting of information, assessment, and plan</p>	<ul style="list-style-type: none"> • F1: CMC clinical skills exam • F2/CL: Clerkship summary evaluation, BBOT, mini-CPX, CPX
<p>PC 5 (graduation). Perform common procedures safely and correctly, including participating in obtaining informed consent, following universal precautions and sterile technique, and attending to patient comfort</p>	<ul style="list-style-type: none"> • F2/CL: Clerkship summary evaluation
<p>PC 6 (graduation). Manage patients as part of a team, including prioritizing patient care tasks efficiently to provide high-quality care that addresses their medical and social needs</p>	<ul style="list-style-type: none"> • F2/CL: Clerkship summary evaluation
<p>Medical Knowledge (MK) 1 (graduation). For the UCSF 49, establish and maintain knowledge necessary for the preventive care, diagnosis, treatment, and management of medical problems</p>	<ul style="list-style-type: none"> • F1: Anatomy Practical, Open-Ended Assessment Question (OEQ) Exam • F2/CL: Clerkship summary evaluation, clerkship examination, mini-CPX, CPX
<p>MK 2 (graduation). Through an inquiry-oriented and analytic approach to learning and patient care, develop and implement approaches for generating and applying new knowledge, including an individual course of study that emphasizes inquiry, discovery, and dissemination</p>	<ul style="list-style-type: none"> • F1: Self-Inquiry Assessment tool, Faculty-Inquiry Assessment tool, Inquiry case assessment, Inquiry Immersion capstone, OEQ Exam • F2/CL: Deep Explore Project

MK 3 (graduation). For the UCSF 49, select, justify, and interpret diagnostic tests and imaging	<ul style="list-style-type: none"> • F1: OEQ Exam • F2/CL: Clerkship summary evaluation, clerkship examination, mini-CPX, CPX
MK 4 (graduation). For the UCSF 49, diagnose and explain clinical problems	<ul style="list-style-type: none"> • F1: OEQ Exam, Inquiry case assessment • F2/CL: Clerkship summary evaluation, clerkship examination, mini-CPX
MK 5 (graduation). Use electronic decision support tools to inform clinical reasoning and decision making	<ul style="list-style-type: none"> • F1: OEQ Exam • F2/CL: Clerkship summary evaluation
MK 6 (graduation). For the UCSF 49, select and apply basic preventive, curative, and/or palliative therapeutic strategies	<ul style="list-style-type: none"> • F1: OEQ Exam • F2/CL: Clerkship summary evaluation, clerkship examination, mini-CPX, CPX
Practice-Based Learning and Improvement (PBLI) 1 (graduation). Locate, appraise, and apply evidence from scientific studies related to patients’ health needs	<ul style="list-style-type: none"> • F1: Self-Inquiry Assessment tool, Faculty-Inquiry Assessment tool, Inquiry case assessment
PBLI 2 (graduation). Critically reflect on one’s own performance to identify strengths and challenges; reflect on and address the impact that personal biases, identity, and privilege have on interactions and decision-making; set learning and improvement goals; and engage in learning activities that address one’s gaps in knowledge, skills, and/or attitudes	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Self-inquiry assessment tool, Inquiry Immersion IDP, SMART Learning Goals • F2/CL: Ob-Gyn reflection, mini-CPX, CPX, SMART Learning Goals
PBLI 3 (graduation). Employ strategies for seeking, receiving, acting upon, and delivering feedback and contribute to a culture of openness to and appreciation of feedback	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Inquiry Immersion IDP, SMART Learning Goals • F2/CL: Clerkship summary evaluation, SMART Learning Goals
Interpersonal and Communication Skills (ICS) 1 (graduation). Communicate effectively in interpersonal and electronic communications with patients, families, peers, and other team members of diverse backgrounds, languages, cultures, and communities using strategies to build alliances, promote inclusion and equity, and ensure patient, peer, or other team members’ understanding	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Faculty-small group assessment tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, mini-CPX, CPX, ISPE
ICS 2 (graduation). Demonstrate sensitivity, honesty, and compassion in difficult conversations with patients and families	<ul style="list-style-type: none"> • F1: CMC clinical skills exam • F2/CL: Clerkship summary evaluation, mini-CPX, CPX, ISPE: interprofessional SP •
ICS 3 (graduation). Share and elicit information and negotiate management plans using shared decision making with patients and their families	<ul style="list-style-type: none"> • F1: CMC clinical skills exam • F2/CL: Clerkship summary evaluation, mini-CPX, CPX, ISPE: interprofessional SP •

<p>ICS 4 (graduation). Anticipate, interpret, and respond to one’s own and others’ emotions to manage interpersonal interactions effectively</p>	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Faculty-small group assessment tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, ISPE: interprofessional SP
<p>Professionalism (Pro) 1 (graduation). Form relationships with patients, families, and colleagues that demonstrate sensitivity and responsiveness to how others define their culture, race/ethnicity, age, socioeconomic status, gender, gender identity, sexual orientation, religion, spirituality, disabilities, and other aspects of diversity and identity</p>	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Faculty-small group assessment tool, Interprofessional Collaboration (IPC) multisource feedback tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, mini-CPX, CPX, ISPE: interprofessional SP
<p>Pro 2 (graduation). Demonstrate respect, compassion, honesty, and integrity when interacting with patients, families, colleagues, and teams</p>	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Faculty-small group assessment tool, Self-Inquiry assessment tool, Faculty-Inquiry assessment tool, IPC multisource FB tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, mini-CPX, CPX
<p>Pro 3 (graduation). Balance the needs of patients and healthcare team with one's own needs</p>	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Faculty-small group assessment tool • F2/CL: Clerkship summary evaluation
<p>Pro 4 (graduation). Recognize the need for additional help or supervision and seek it accordingly</p>	<ul style="list-style-type: none"> • F1: SMART Learning Goals • F2/CL: Clerkship summary evaluation, Deep explore project
<p>Pro 5 (graduation). Demonstrate accountability and reliability, including initiative, responsiveness, and follow-through, in interactions with patients, families, and colleagues in interpersonal and electronic communications, including electronic health records</p>	<ul style="list-style-type: none"> • F1: Self-small group assessment tool, Faculty-small group assessment tool, Self-Inquiry assessment tool, Faculty-Inquiry assessment tool • F2/CL: Clerkship summary evaluation, Deep explore project
<p>Pro 6 (graduation). Practice with a commitment to ethical principles and societal needs, including maintaining patient confidentiality, responding to medical errors, respecting patient autonomy, maintaining appropriate boundaries, and using electronic communications, including social media, appropriately</p>	<ul style="list-style-type: none"> • F1: Self-Inquiry assessment tool, Faculty-Inquiry assessment tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation
<p>Pro 7 (graduation). Adhere to institutional, regulatory, and professional standards and administrative expectations; personal, patient, and public safety; adhere to principles of ethical research; and manage conflicts of interest</p>	<ul style="list-style-type: none"> • F1: Self-Inquiry assessment tool, Faculty-Inquiry assessment tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, mini-CPX, CPX, Deep explore project
<p>Pro 8 (graduation). Demonstrate healthy coping mechanisms to respond to stress, including using resources to promote wellness and maintain professional behavior</p>	<ul style="list-style-type: none"> • F1: SMART Learning Goals, Assessment, Reflection, Coaching, Health (ARCH) Wellness activities • F2/CL: Clerkship summary evaluation, SMART Learning Goals

Pro 9 (graduation). Demonstrate ongoing commitment to one's own professional identity formation as a physician accountable to patients, society, and the profession	<ul style="list-style-type: none"> • F1: Critical reflection • F2/CL: Ob-Gyn reflection
Systems-Based Practice (SBP) 1 (graduation). Collaborate to coordinate patient care within and across healthcare systems, including patient hand-offs	<ul style="list-style-type: none"> • F1: CMC clinical skills exam • F2/CL: Clerkship summary evaluation
SBP 2 (graduation). Participate in a systematic approach to promote patient safety	<ul style="list-style-type: none"> • F1: CMC systems improvement template, QIKAT
SBP 3 (graduation). Participate in continuous improvement in a clinical setting, utilizing a systematic and team-oriented approach to improve the quality and value of care for patients and populations	<ul style="list-style-type: none"> • F1: CMC systems improvement template, QIKAT
SBP 4 (graduation). Apply understanding of current and historical factors affecting health equity, including structural inequalities in access to and quality of health care, to improve the health of patients and communities	<ul style="list-style-type: none"> • F1: OEQ Exam, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, mini-CPX, CPX
Interprofessional Collaboration (IPC) 1 (graduation). Use the knowledge of one’s own role in different teams and settings and the roles of other health professionals to assess and address the healthcare needs of patients and populations	<ul style="list-style-type: none"> • F1: IPC multisource FB tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, ISPE: interprofessional SP
IPC 2 (graduation). Communicate with other health professionals in a responsive and responsible manner that supports a collaborative approach to the maintenance of health and the treatment of disease in patients and populations	<ul style="list-style-type: none"> • F1: IPC multisource FB tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, ISPE: interprofessional SP
IPC 3 (graduation). Work with other health professionals to establish and maintain a climate of mutual respect, dignity, diversity, ethical integrity, and trust	<ul style="list-style-type: none"> • F1: IPC multisource FB tool, CMC clinical skills exam • F2/CL: Clerkship summary evaluation, Deep Explore project, ISPE: interprofessional SP