BACKGROUND
The UCSF MOC 4 Approval Program (MOCAP), operated by the SOM Office of CME, is an approved sponsor of the American Board of Medical Specialties Multi-Specialty Portfolio Program with authority to award Maintenance of Certification Part 4 (MOC4) credit to UCSF physicians for their participation in quality improvement activities. Eighteen of the 24 medical specialty boards participate (Appendix 1 – Participating Boards). UCSF MOCAP has engaged medical center and quality improvement leadership and staff, physician faculty, and UME and GME learners to assist in promoting a culture of continuous performance improvement as well as streamline administrative processes for project approval and recognition of faculty, trainee, and advanced practice provider engagement with MOC4 credit. (Appendix 2 - Reporting Structure)

QUALITY REVIEW BOARD (QRB)
The QRB provides expert review and analysis to ensure project structure and documentation meet ABMS MOC4 requirements. Additionally, the QRB provides education and guidance to departments and physician leaders regarding MOC4 requirements for QI projects. The QRB includes quality improvement leaders from 11 UCSF departments and divisions as well as house staff representatives (Appendix 3-QRB Members).

OUTCOMES
The year 2021 saw UCSF prepare, innovate and respond to the pandemic with an all hands-on deck approach to continue its mission of research, education, patient care and community service. In spite of the challenges faced, MOCAP transitioned to remote processes and awarded credit for 20 QI projects from 13 departments and 27 clinical divisions. MOCAP awarded MOC4 credit to 1075 participants. The following graphics illustrate MOCAP’s growth since its inception. Since its inception, the MOCAP program has awarded over 4000 (4047) credits to UCSF physicians participating in QI activities.
INNOVATIONS AND HIGHLIGHTS

UCSF System-wide Credit for COVID-19 Improvement Activities
This year, we collaborated with the ABMS to award faculty for their improvements and innovations developed to prevent the spread of COVID-19 and provide care during the pandemic. MOCAP provided a quick and easy way to reward credit claiming for the entire department and eliminate the need for each physician to submit individual applications directly to the Board. This year, we recognized 546 faculty for their efforts.

Alignment with Resident and Fellow QI Projects
MOCAP supports the projects of Residents & Fellows Leading Interprofessional Continuous Improvement Teams (REFLECT) and ZSFG resident and fellow QI incentive program by providing MOC4 credit for engaged faculty. This year, we were able to secure approval from the ABMS (American Board of Medical Specialties) to offer “umbrella approval” for all QI projects approved through these two programs without requiring a separate application to the MOCAP program. This streamline of the application process allows project leaders to more easily and effectively engage their department physicians and advanced practice providers who may not have been previously engaged in these resident and fellow improvement efforts.

One example is the work of Linda Liu, MD to recognize and award MOC credit to faculty from the Department of Anesthesia and Perioperative Care for their REFLECT project, “Improving the Use of a Standardized Intraoperative Handoff Tool for All Primary Adult Anesthesia Providers During Complete Transfers of Care.” As a mentor for UCSF’s REFLECT program and member of the QRB, she engages faculty with project data and interventions at department meetings and newsletters. This past year, 77 faculty members in the Department of Anesthesia department received MOC4 credit for this project.

Another example of MOCAP alignment is the work of Pelin Cinar, MD to provide MOC credit to faculty and fellows for their REFLECT project entitled “Improving Structured Performance Status Documentation.” Her project awarded 20 faculty in the division of Hematology/Oncology with MOC4 credit.

Continued Alignment with Medical Student QI Curricula
MOCAP maintained its collaboration with the Clinical Microsystems Clerkship (CMC) leadership to award MOC4 credit for faculty who supervise medical student QI activities. These include Coaches and CMC Health Systems Improvement Project Leads. We were able to secure approval from the ABMS to offer this “umbrella approval” for all the QI activities within this scope, obviating the need to create a separate application for each activity. This year, we awarded credit to 46 faculty for these activities.
Appendix 1 – Participating Boards

UCSF MOCAP can award MOC4 credit to physician members of the following boards.

American Board of Anesthesiology
American Board of Dermatology
American Board of Emergency Medicine
American Board of Family Medicine
American Board of Internal Medicine
American Board of Medical Genetics and Genomics
American Board of Obstetrics and Gynecology
American Board of Ophthalmology
American Board of Otolaryngology – Head and Neck Surgery
American Board of Pathology
American Board of Pediatrics
American Board of Physical Medicine and Rehabilitation
American Board of Preventive Medicine
American Board of Psychiatry and Neurology
American Board of Radiology
American Board of Surgery
American Board of Thoracic Surgery
American Board of Urology

The following boards do not participate in the ABMS Multi-Specialty Portfolio Program
American Board of Allergy and Immunology
American Board of Colon and Rectal Surgery
American Board of Neurological Surgery
American Board of Nuclear Medicine
American Board of Orthopaedic Surgery
American Board of Plastic Surgery
Appendix 2 – Reporting Structure

Executive Sponsor
Robert Baron, MD, MS (Associate Dean for CME)

MOCAP Director
Jeffrey Tabas, MD

MOCAP Program Manager
Joey Bernal, MA

Quality Review Board Co-Chairs
Jeffrey Tabas, MD
Glenn Rosenbluth, MD

QRB Members
Appendix 3 – QRB Members

EXECUTIVE LEADERSHIP

Robert Baron, MD, MS
Department of Medicine, Division of General Internal Medicine
Associate Dean for Office of Continuing Medical Education

PROGRAM LEADERSHIP

Jeffrey Tabas, MD
Department of Emergency Medicine
QRB Co-Chair
Office of Continuing Medical Education

Glenn Rosenbluth, MD
Department of Pediatrics
QRB Co-Chair

Joey Bernal, MA, CPHQ
MOCAP Staff Lead
Office of Continuing Medical Education

QUALITY REVIEW BOARD

Tessnim Ahmad, MD
Department of Ophthalmology
Clinical Fellow Representative

Weston Fisher, MD
Department of Psychiatry

Kirsten E. Fleischmann, MD
Division of Cardiology
Department of Medicine
Shannon Fogh, MD  
Department of Radiation Oncology

Jin Ge, MD  
Department of Medicine  
Division of Gastroenterology  
Clinical Fellow Representative

Catherine Lau, MD  
Department of Medicine  
Division of Hospital Medicine

Linda Liu, MD  
Department of Anesthesiology

Claudia Mooney, MD  
Department of Family and Community Medicine

Stacey Samuels, MA, CPHQ  
Accreditation Manager, Office of Continuing Medical Education

Rahul Seth, MD  
Department of Otolaryngology

Tymothi Peters, BA  
Director, Office of Continuing Medical and Pharmacy Education
<table>
<thead>
<tr>
<th>Project</th>
<th>Team Leaders</th>
<th>Dept / Division</th>
<th>MOC claims</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID-19 Quality Improvement Efforts</td>
<td>Jeffrey Tabas, MD</td>
<td>Various</td>
<td>546</td>
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<tr>
<td>* Improving the Use of a Standardized Intraoperative Handoff Tool for All Primary Adult Anesthesia Providers During Complete Transfers of Care</td>
<td>Linda Liu, MD and Andrea Olmos, MD</td>
<td>Anesthesia</td>
<td>77</td>
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<td>** Colorectal Cancer Project</td>
<td>Claudia Mooney, MD</td>
<td>Family and Community</td>
<td>66</td>
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<tr>
<td>Improving influenza vaccination screening and compliance in Pediatric Subspecialty patients</td>
<td>Nicole Ling, MD</td>
<td>Pediatrics</td>
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<td>Improving Professional Interpretation for Patients with Limited English Proficiency on the Hospital Medicine Service</td>
<td>Catherine Lau, MD, Lev Malevanchik, MD, Nishita Nigam, MD</td>
<td>Hospital Medicine</td>
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<td>Improving COVID-19 Vaccination Equity in Primary Care</td>
<td>Jonathan S. Lee, MD</td>
<td>DGIM</td>
<td>39</td>
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<tr>
<td>Pediatric Antimicrobial Stewardship Program</td>
<td>Rachel Wattier, MD and Prachi Singh, DO</td>
<td>Various</td>
<td>38</td>
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<tr>
<td>Improving pediatric clinical learning environments</td>
<td>Sandrijn van Schaik, MD</td>
<td>Pediatrics</td>
<td>34</td>
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<td>** Psychotherapy/behavioral therapy resources</td>
<td>Weston Fisher, MD</td>
<td>Psychiatry</td>
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<td>Improving clinical documentation and professional fee billing</td>
<td>Matthew Nordstrom, MD and Alon Unger, MD</td>
<td>Pediatrics, Hospital Medicine</td>
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<tr>
<td>** Improving the rate of delayed cord clamping in preterm infants</td>
<td>Katie Kramer, MD</td>
<td>Maternal-Fetal Medicine, Obstetrics, Neonatology, Pediatrics</td>
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<td>Pediatric Critical Care M&amp;M CPI</td>
<td>Deborah Franzon, MD and Mindy Ju, MD</td>
<td>Pediatrics, Critical Care</td>
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<td>** Improving structured PS (Performance Status) documentation</td>
<td>Pelin Cinar, MD and Amy Lin MD</td>
<td>Medicine - Hematology and Oncology</td>
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<td>** Immunizations During Covid</td>
<td>David Gordon, MD</td>
<td>Pediatrics</td>
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<td>** Pain Medicine QI project</td>
<td>Chris Abrecht, MD</td>
<td>Anesthesia, Neurology, Internal Medicine</td>
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<td>** Improving adherence to USMSTF guidelines for follow up colonoscopy</td>
<td>Aparajita Singh, MD</td>
<td>Division of Gastroenterology</td>
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<tr>
<td>Project</td>
<td>Team Leaders</td>
<td>Dept / Division</td>
<td>MOC claims</td>
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<td>Screening for depression in an outpatient pediatric practice</td>
<td>Jennifer Miller, MD</td>
<td>Pediatrics</td>
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<td>** Suicidality Screening</td>
<td>Veronika Mesheriakova, MD</td>
<td>Pediatrics, Division of Adolescent and Young Adult Medicine</td>
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<td>Improving Quality of Asthma Management in an outpatient pediatric practice</td>
<td>Juliana Damon, MD and Sarah Handelsman, MD</td>
<td>Pediatrics</td>
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<td>Nursing Assessment Completion Rate for AFED Eligible Patients</td>
<td>Todd James, MD</td>
<td>Emergency Medicine, Internal Medicine</td>
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** TOTAL CLAIMS 1075

** REFLECT or ZSFG Resident Project