

Brandon Fainstad, MD

Associate Professor
Division of General Internal Medicine
University of Colorado Anschutz Medical Center
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2. Education and Postgraduate Training

Resident, Internal Medicine, University of Washington (UW), Seattle, WA	2011-2014
HIV Pathway (concurrent with residency), Madison Clinic, Harborview Medical Center (HMC), Seattle, WA	2012-2014
M.D., University of Colorado (CU) School of Medicine, Denver, CO	2007-2011
B.S., Biochemistry, <i>Honors</i> , University of Texas (UT), Austin, TX	2003-2007

3. Academic Appointments

Associate Professor, Division of General Internal Medicine, CU Anschutz Medical Campus	2020-Present
Assistant Program Director for Adult Medicine, Valley Family Medicine (VFM)	2018-2020
Clinical Instructor, Division of General Internal Medicine, UW	2014-2020

4. Hospital Positions

Staff Physician, Primary Care, Rocky Mountain Regional (RMR)	
Director of Rapid Access and Procedure Clinic	
Veteran Affairs Medical Center (VAMC), Aurora, CO	2020-Present
Attending Physician, Valley Medical Center (VMC), Renton, WA	2018-2020
Attending Physician, University of Washington Medical Center (UWMC)	2014-2018
Attending Physician, HIV Primary Care, Madison Clinic, Harborview Medical Center	2014-2015

5. Honors, special recognitions and Awards

American College of Physicians (ACP) Colorado Early Career Physician Award	2023
Program for Academic Clinician Excellence (PACE) grant awardee, CU Department of Medicine (DOM)	
Research in Simulation-Based Procedure Training	2021, 2022
Teacher of the Year, Valley Medical Center, WA	2020
UW Cares Award, Seattle, WA	2017
UWMC Patient Safety Hero, UWMC, Seattle, WA	2017
Consultant of the Year, Nominee, UWMC, Seattle, WA	2015
Gold Humanism Award, UW chapter, Seattle, WA	2013
Resident Teacher of the Year, Nominee, UW IM Residency, Seattle, WA	2013

6. Membership in professional organizations

American College of Physicians (ACP)	2014-Present
Society of General Internal Medicine (SGIM)	2015-Present

7. Major Committee and Service Responsibilities

Member, Artificial Intelligence in Medicine Committee, CU IMRP	2025-Present
• Monthly meetings and asynchronous efforts to safely and effectively implement the rapid adoption of various clinical AI tools across the three-hospital CU training system.	
Member, Resident Education Curriculum (REC) Committee, CU IMRP	2021-Present
• Monthly meetings with interval working groups to develop and refine the CU IMRP standardized longitudinal curriculum and assessment.	

Member, Resident Applicant Interview Selection Committee, CU IMRP	2020-2024
<ul style="list-style-type: none"> Annual evaluation of ~100 residency applications through a multi-tiered scoring process to determine applicants eligible for an interview. Perform ~20 resident applicant interviews annually 	
Voting Member, Core Competency Committee (CCC), CU IMRP	2020-Present
<ul style="list-style-type: none"> Quarterly half-day structured evaluation of all residents with in-depth assessment of those identified at risk or underperforming ACGME core competencies. 	
Voting Member, Director of Procedure Training, VA Simulation Center Advisory Group	2020-2022
<ul style="list-style-type: none"> Monthly meetings to advance efforts for broadening Simulation Center capabilities and utilization by staff. 	
Reviewer, Internal Medicine Peer Review Committee, VMC	2019-2020
<ul style="list-style-type: none"> Perform monthly reviews and develop intervention plans on all event reports and performance concerns related to providers within the department of medicine. 	
Member, Clinician Wellness Committee, VMC	2019-2020
<ul style="list-style-type: none"> Monthly multi-disciplinary meeting to address wellness across the VMC network using measures to reduce burnout and increase engagement. 	
Co-author, Inpatient Management of Opioid Use Disorder (OUD) Protocol, VMC	2019
<ul style="list-style-type: none"> In collaboration with VMC Outpatient Treatment Network (OTN) and VMC Emergency Department developed a systematic approach to effectively identify at-hospitalized patients with a comprehensive approach to manage acute withdrawal symptoms and consideration of initiating MAT with buprenorphine in coordination with enrollment in the OTN for ongoing MAT with methadone or buprenorphine. 	
Co-Chair, Code Blue and Rapid Response Committee, VMC	2018-2020
<ul style="list-style-type: none"> Organize and lead monthly meetings with multi-disciplinary 40-staff committee to address resource limitations, systems errors and staff education to enhance Valley's inpatient response to cardiac arrest or acute decompensation 	
Physician Champion, Cardiac Resuscitation, VMC	2018-2020
<ul style="list-style-type: none"> Serve as leadership, primary contact point, staff educator and advocate for quality improvement and acquisition of technology to enhance inpatient response to cardiac arrest 	
Lead Author of Empiric Antibiotic Guide, Antibiotic Stewardship Committee, VMC	2018-2020
<ul style="list-style-type: none"> In collaboration with Infectious Disease and Pharmacy, authored and distributed system wide recommendations for inpatient and outpatient empiric antibiotic treatment of common infections based on national guidelines and local microbial data 	
Director of Physician Educational Conferences, VMC	2018-2020
<ul style="list-style-type: none"> Organize and introduce monthly multi-specialty Grand Rounds Assist in coordinating visiting speakers for various inpatient and outpatient conferences 	
Member, Medical Quality Improvement Committee, VMC	2018-2020
Member, Inpatient Antibiotic Stewardship Committee, VMC	2018-2020
Physician Champion, Behaviorally Complex Patients Committee, UWMC	2017-2018
<ul style="list-style-type: none"> Develop standardized risk reduction protocols for common inpatient scenarios 	

Member, Inpatient Management of Opioid Abuse Disorders Committee, HMC	2017-2018
• Develop policies and protocols for inpatient initiation and transitions to sustainable outpatient care	
Member, Point of Care Ultrasound (POCUS) Committee, UWMC	2017-2018
• Multi-disciplinary effort to safely integrate POCUS into common hospital practice	
Member, Code Blue Simulation Committee, Member, UWMC	2017-2018
• Quarterly meetings to evaluate and optimize the simulation protocols	
• Observing MD for 4 simulated Code Blues, annually	
Member, Informed Consent Curriculum Committee, UWMC	2015 - 2016
• Co-created handout with evidence-based procedure associated risks	
• Developed format for structured evaluation of resident competency	

8. Licensure and board certification

Colorado State, full medical license	June 2020-Present
Washington State, full medical license	2014-2021
SAMHSA buprenorphine certification	2017-2021
ABIM board certified in Internal Medicine	2014-Present
AAHIVM board certified in HIV Medicine	2014-2018

9. Inventions, intellectual property, and patents held or pending

Creator of High-Fidelity, Low-Cost Ultrasoundable Beside Procedural Task Trainers	2022-Present
• Six Trainers thus far developed: Thoracentesis, Paracentesis, Lumbar Puncture, Central Venous Cather insertion, Radial Arterial Line insertion and Peripheral IV insertion.	
• Developed to address gap in simulation-based procedural training that exists between the unsustainable costs of commercially available task trainers and the unreliable nature of low-fidelity Do-It-Yourself options currently available.	
• University of Colorado officially ceded intellectual property rights to TeachIM Inc, 501c3 for purposes of enhancing the quality of simulation-based procedural training nationally.	
• Full instructions and necessary files to construct task trainers are available on TeachIM.org	
Creator and Board Member of TeachIM Inc, nonprofit 501c3 – TeachIM.org	2021-Present
• Open Access Medical Education online platform for physician educators in internal medicine	
• A mentorship and scholarship program for resident educators in training who create and publish teaching content through the mentorship of sub-specialty experts in a peer reviewed multi-tiered editorial process.	
• Scope of impact includes ~2000 users a month with distribution across the United States.	

10. Review and referee work

Editor-in-Chief of TeachIM.org	2017-present
• Oversee development and implementation of broad curricular aims for all disciplines within TeachIM (10 specialties, four image-based competencies and procedures).	
• Serve as the executive editor as final pass after section editors final reviews and remarks are implemented (including ~100 publications to date)	
• Provide mentorship to sectional editors (15 faculty) and ambassadors (~50 residents) involved in the project.	
Journal submissions and expert reviews	
• MedNet Expert (POCUS and Primary Care) – recurring monthly	2025-Present
• Internal and Emergency Medicine (IAEM) - recurring	2024-Present
• BMC Medical Education - recurring	2024-Present

- POCUS Journal (pocusjournal.com) - recurring 2020-Present

11. Invited extramural lectures, presentations and visiting professorships

American College of Physicians, National – Rapid fire POCUS image review	April 2025
American College of Physicians (ACP), CO chapter – Bayesian Reasoning in the Application of POCUS	Feb 2023
Annual Internal Medicine Conference, Estes Park, CO – Implementing POCUS in Clinical Care	July 2022
WWAMI faculty educator fellowship – Incorporating online tools	2020 & 2021
University of Washington SOM capstone training – Goals of Care Conversations and EOL planning	2020

12. Teaching Record

Clinic Director

Director of Rapid Access Procedure Clinic (RAC), RMR VAMC	2020-Present
<ul style="list-style-type: none"> • Created a weekly half-day clinic for office-based procedures performed by residents in the University of Colorado (CU) Internal Medicine Residency Program (IMRP) • Operate a high-volume (~70 visits a day) resident-staffed urgent care clinic that provides programmatic outpatient training in procedures, point-of-care ultrasound, decompensated cardiopulmonary disease, musculoskeletal pain, and dermatologic conditions for all 150 residents of the CU IMRP. 	

Interim Director of Resident Primary Care Clinic, RMR VAMC (~50 residents)	Jan 2021-April 2022
<ul style="list-style-type: none"> • Coordinate and oversee resident-led and attending-led weekly longitudinal curriculum didactics. • Build and distribute final clinic schedules for residents in coordination with CU IMRP • Design and provide review of site-specific Quality of Care (QOC) projects for all residents 	

Clinical Attending

Rapid Access and Procedure Clinic (RAC), RMR VAMC	June 2020-Present
<ul style="list-style-type: none"> • All clinical time (four days a week) is dedicated to attending residents • Supervise ~120 residents a year 	

Valley Medical Center, Department of Family Medicine	2018-2020
<ul style="list-style-type: none"> • Full-time ward attending for inpatient adult medicine service, providing clinical oversight, directly observed feedback and formal curriculum 	

University of Washington, Department of Internal Medicine	2014-2018
<ul style="list-style-type: none"> • Rough half of clinical role is dedicated to attending a teaching service with residents and medical students on UWMC inpatient wards. 	

Clinical Preceptor

CU School of Medicine Longitudinal Integrated Curriculum Preceptor	Jan 2022-Present
<ul style="list-style-type: none"> • Provide longitudinal primary care clinic precepting and training for one CU SOM student a year through weekly half day sessions in the RAC 	

CU School of Medicine third-year clerkship	2020-Present
<ul style="list-style-type: none"> • Provide direct supervision, clinical education and feedback for 3rd year medical students (10-12 a year) on outpatient IM clerkship rotation at the RAC. • Serve as primary preceptor for two 3rd year students on IM clerkship each year. 	

UW School of Medicine Sub-internship, VMC	2018-2020
<ul style="list-style-type: none"> • Provide direct supervision, clinical education, and feedback to six 4th year medical students on the VMC inpatient medicine teaching service 	

UW School of Medicine Sub-internship, UWMC	2014-2020
<ul style="list-style-type: none"> Provide direct supervision, clinical education and feedback to 4th year medical students on UWMC hospitalist service 	
UW School of Medicine Med 505 course, UWMC	2014-2016
<ul style="list-style-type: none"> Four 1st year medical students spend a total of 16 hours participating in admissions to internal medicine teaching services on night rotations 	
<u>Curriculum Development and Course Directorships</u>	
Director of Procedural Training, CU IMRP	2022-Present
<ul style="list-style-type: none"> Facilitate just-in-time simulation-based training of 8 core IM bedside procedures for all 150 IM residents every year Review all resident clinical competency assessments and procedural logs to determine readiness for unsupervised practice 	
Co-director of Primary Care Essentials, Resident-led Standardized Curriculum, CU IMRP	July 2021-Present
<ul style="list-style-type: none"> Co-created and oversaw implementation of the first multi-site standardized curriculum for the CU IMRP. Mentored chief residents through creation of teaching materials on 6 core IM topics Provided direct supervision and feedback to near-peer teaching from residents Recurring annual curriculum during first trimester of each year 	
Director of Simulation Training of Office-Based Procedure at RMR VA, CU IMRP	2020-Present
<ul style="list-style-type: none"> Created, co-instruct and oversee a curriculum of weekly same-day simulation training of four key office-based procedures (knee arthrocentesis, shoulder arthrocentesis, skin biopsy and large volume paracentesis) immediately preceding a half-day procedure clinic in which the residents then perform the same true clinical procedure they just trained on. 	
Director of Resident Education in Outpatient Point-of-Care Ultrasound, CU IMRP	2020-Present
<ul style="list-style-type: none"> Created, co-instruct, and oversee curriculum of weekly hands-on POCUS training focused on clinical application in the outpatient setting (including lung, DVT, gallbladder and volume assessment). Each session includes pre-work and references reinforcing EBM Provide direct clinical supervision of clinical application 4 days a week in the RAC 	
Director of inpatient and outpatient adult medicine education, VFM residency	2018-2020
<ul style="list-style-type: none"> Designed and taught a longitudinal curriculum covering the core IM clinical topics Mentor senior residents in delivering a third of the educational content 	
Director of POCUS Education, VMC	2018-2020
<ul style="list-style-type: none"> Established hospital-wide consensus on the aims and limitations of POCUS utilization at VMC Developed and implemented a longitudinal POCUS curriculum for residents and faculty on image acquisition and interpretation for lung, abdominal fluid, volume status, DVT, basic cardiac and bladder/kidney exams 	
Director and Creator of Interprofessional Hospital Medicine Elective, UWSOM	2016-2018
<ul style="list-style-type: none"> 3rd and 4th year medical student elective, introduction to inpatient medicine with a focus on non-physician hospital services Collaborated with eight non-MD services to create a quick reference handbook 	
Co-director, Intern Core Curriculum (ICC), UW IM Residency	2015-2019
<ul style="list-style-type: none"> Monthly case-based curriculum for internal medicine interns 	

- Lead author of “Infective Endocarditis”, “Acute Hemolytic Anemia” and “Fever in the Returning Traveler” and editor to 9 other teaching scripts
- Provide longitudinal coaching and mentorship to chief residents through training workshops and monthly direct observation and feedback on their ICC teaching conferences

Creator and Editor-in-Chief, teachIM.org	2015-Present
<ul style="list-style-type: none"> • Presented at national APDIM/AAIM (2018) and national SGIM (2019) • Free Open Access Medical education (FOAMed) online teaching tool for internists • Mentor residents through process of developing and publishing teaching cases and chalk talks 	

Procedure and Ultrasound Training

See above section (Curriculum) for additional roles

Lead Instructor, CVC training course, CU SOM Transition To Residency (TTR)	2025-Present
<ul style="list-style-type: none"> • Coordinate instructors, supplies and curriculum for full day simulation-based training for ~100 4th year medical students 	

Instructor, Intro to POCUS, ACP skills course	2025-Present
<ul style="list-style-type: none"> • Co-run annual 2-day hands-on skills course during national ACP (160 learners per 2-day course) 	

Instructor, POCUS fundamentals, national ACP	2022-Present
<ul style="list-style-type: none"> • Bi-annual instructor of 2-day hands-on workshops at the annual ACP POCUS fall conference and national pre-course (60-75 residents per course) 	

Lead Instructor, CU IMRP Ambulatory POCUS Curriculum, RMR VA	2020-Present
<ul style="list-style-type: none"> • Teach one-hour workshops (all 6 in each block with 10 residents) • Part didactic on image interpretation and clinical integration followed by hands-on practice with image acquisition. <ul style="list-style-type: none"> ◦ Lung, DVT, Gallbladder, Kidney, Cardiac, & Volume assessment 	

Lead Instructor, CU IMRP Ambulatory Procedure Curriculum, RMR VA	2020-Present
<ul style="list-style-type: none"> • Teach weekly 90-minute workshops (all 4 each block with 10 residents) • Large volume paracentesis, knee arthrocentesis, sub-acromial space injection, skin biopsy 	

Co-Instructor, Musculoskeletal Point-of-Care Ultrasound Workshops, VMC	Feb 2020
<ul style="list-style-type: none"> • Visualization of tendons and joint spaces in ankle, knee and shoulder joints 	

Lead Instructor, Faculty Development Series for Point-of-Care Ultrasound, VMC	July 2019 – Feb 2020
<ul style="list-style-type: none"> • Designed and taught 8 key adult medicine exams to POCUS-novice VFM faculty 	

Lead Instructor, Outpatient Point-of-Care Ultrasound Workshops, VMC	Mar 2019
<ul style="list-style-type: none"> • Designed and taught 6 outpatient key exams for family medicine residents and faculty 	

Co-director and Instructor, Paracentesis Simulation Training, UWMC	2017-2018
<ul style="list-style-type: none"> • Monthly ultrasound and procedural training of UW interns 	

Instructor, School of Medicine Boot Camp Central Venous Catheter (CVC) Training	2015-2018
<ul style="list-style-type: none"> • Teach and evaluate interns’ use of Seldinger technique with ultrasound guidance 	

Instructor, UW IM Intern Central Venous Catheter training, WISH center, HMC	2014-2017
<ul style="list-style-type: none"> • Teach and evaluate interns’ use of Seldinger technique with ultrasound guidance 	

Instructor, Bedside education of Residents to use Point of Care Ultrasound (POCUS), UW IM	2014-2018
<ul style="list-style-type: none"> Teach image acquisition and interpretation to IM residents, including soft tissue, basic cardiac ultrasound, lung, volume status, vascular access, shock protocols and enhanced procedural safety 	
<u>Course Facilitator</u>	
Small group facilitator, Transitions to Clerkships Basecamp, CU SOM	
<ul style="list-style-type: none"> “Applying EBM – Answering Clinical Questions at the Bedside”, annually “Empiric Antibiotic Selection”, annually 	2021-Present 2022-Present
Small group facilitator, Transitions to Residency Basecamp, CU SOM	
<ul style="list-style-type: none"> “Central Venous Catheter Insertion – simulation training” “Applying EBM in clinical medicine” “Introduction to Clinical Interpretation of Chest Radiographs” “Delivering Serious News” 	2025-Present 2022-Present 2021 2021
Small group facilitator, Cardiovascular Block, UWSOM	2016-2017
<ul style="list-style-type: none"> Eight case-based small groups with 10 medical students, annually 	
<u>Presentations</u>	
Annual SGIM, Simulation-Based Ambulatory Procedural Training, Workshop, Denver, CO	May 2023
<ul style="list-style-type: none"> Lead 90 minute workshop on the development and facilitation of simulation-based mastery learning methods in a resident procedural clinic 	
Annual SGIM, Educational Impact of Simulation-Paired Procedure Clinic (SPPC), Oral Presentation.	May 2023
<ul style="list-style-type: none"> Presented data on the impact of the SPPC on resident procedural volume, intra-procedural cognitive load, and competency assessments 	
Academic Internal Medicine Week, Charlotte NC. APDIM Workshop	April, 2022
<ul style="list-style-type: none"> “Is point-of-care ultrasound an extension of the physical exam or a formal study? - “Yes”” 	
Annual SGIM, Orlando FL. Oral Presentation for Innovations in Medical Education	April 2022
<ul style="list-style-type: none"> “TeachIM: Enhancing Resident-Led Education with an Open Access Teaching Platform” 	
VA VISN 19 (CO, UT, ID, WY, MT, OK, NE, NV) Primary Care Network: Faculty Development	
<ul style="list-style-type: none"> “Point-of-Care Ultrasound: A tool for Primary Care to take back Primary Management” “Office-Based Primary Care Procedures: How to Integrate into Clinical Workflow” 	Jan 2021 Dec 2020
WWAMI Regional Family Medicine Residency Network Faculty Development Fellowship	
<ul style="list-style-type: none"> “TeachIM.org: Using a Digital Educational Platform for Adult Medicine Teaching” “Making the Most of Online Teaching Tools” 	Dec 2021 Oct 2020
CU Internal Medicine Residency Program (IMRP), POCUS Curriculum, RMR VA	Aug 2020-Present
<ul style="list-style-type: none"> Lead instructor for 6 one-hour mixed presentation and hands on workshop each 4-week block for all IMRP residents in their R1 and R3 years. 	
CU Internal Medicine Residency Program (IMRP), Office-based Procedure Simulation, RMR VA	Aug 2020-Present
<ul style="list-style-type: none"> Weekly simulation instructor (knee injection, sub-acromial injection, paracentesis, skin biopsy) 	
CU Internal Medicine Residency Program (IMRP), outpatient didactics, RMR VA	

• “Office-based evaluation of chest pain”	Monthly June 2020-2021
• “Office-based pre-operative evaluation”	Monthly June 2020-2021
UW SOM Fourth Year Capstone Education Series (~ 150 medical students)	
• “Goals of Care Conversations and End of Life Care”	May 2020
Valley Family Medicine educational workshops, Valley Medical Center, UW Medicine	
• “Growth Mindset: Getting the Most Out of Training”	July 2018, July 2019
• “The Teaching Alliance: How to Make Competency Evaluations Work for Us”	March 2019
• “Resident as Leader”	July 2019
• “Resident as Teacher”	July 2018, July 2019
• See Point-of-Care Ultrasound WKSPs above (Procedure and US training)	
Inpatient IM Lecture Series, Valley Medical Center, UW Medicine	2018-2020
• “Management of Acute Ischemic Cerebrovascular Attack”	
• “Acute Management of Decompensated Pulmonary Hypertension”	
• “Shock and Pressors”	
• “Managing Acute Dyspnea”	
• “Delivery of Supplementary Oxygen”	
• “Non-Invasive Positive Pressure Ventilation”	
• “Inpatient Management of COPD Exacerbation”	
• “Inpatient Antibiotics: Spectrum”	
• “Inpatient Antibiotics: Empiric Coverage for Common Infections”	
• “Inpatient Glucose Management”	
• “Identifying ACS by ECGs”	
• “Supraventricular Tachycardia”	
• “Acute Management of Upper GI Bleed”	
• “Approach to Acute Kidney Injury”	
• “Management of Rapidly Progressive Glomerular Nephritis”	
• “Three-lab Approach to Hyponatremia”	
• “Common Cross-Cover Issues”	
• “Management of Atrial Fibrillation with Rapid Ventricular Rate”	
• “Inpatient Management of Acute Pain”	
• “Cellulitis vs. Mimickers”	
• “Transfusion Reactions:	
• “How to Talk About Intravenous Drug Use”	
• “Management of Acute Opioid Withdrawal”	
• “Diagnosing and Differentiating Hemolytic Anemia”	
Outpatient IM Lecture Series, Valley Medical Center, UW Medicine	2018-2020
• “Management of CKD III-IV”	
• “COVID: Answered Questions and Unsolved Mysteries”	
• “NAFLD: When Does it Matter and What Should I Do About It?”	
• “Long-Term Management of Compensated Cardiomyopathies with Systolic Dysfunction”	
• “Hormonal Model for Obesity: It Is Not as Simple as Calories-In, Calories-Out”	
• “Long-Term Management of COPD”	
• “Outpatient Management of Acute Venous Thromboembolisms”	
Grand Rounds, Valley Medical Center, UW Medicine	
• “Stayin’ Alive: The Current State and Future Direction of Valley’s Resuscitation Practices”	Sept 2018

• “Antibiotic Stewardship: Putting Policy into Practice”	June 2019
Chief Resident Scholarly Development Series, UWMC IM Residency Program	
• “Online Teaching Tools: Why Re-Invent the Web?”	June 2018
• “How to Adapt Teaching Materials: A 12 step Process”	Sept 2017, Oct 2018
Morbidity and Mortality, UWMC	May 2017
• “Inter-specialty Communication for Complex Patients”	
Internal Medicine Morning Report Conference Series, UWMC	2014-2018
• Served as weekly faculty discussant and an as-needed presenter 1-2 times a year	
School of Medicine 3 rd year Medical Student Clerkship Lecture series, UWMC, Seattle, WA	March 2017
• “Pulmonary Hypertension”	
Resident Teaching Conference, UWMC	
• “The Internists Approach to the Solid Organ Transplant Patient”	May 2015, April 2016
• “HIV Jeopardy”	March 2013
Chief of Medicine Conference, UWMC	May 2014
• “Acute Rheumatic Fever”	
Internal Medicine Department Teaching Conference, HMC	Feb 2014
• “Care of the Transgender Patient with HIV”	
Medicine Grand Rounds, Central Peninsula Hospital, Soldatna, AK	Nov 2012
• “Adrenal Incidentalomas”	

13. Grant Support

Program for Academic Clinician Educators (PACE), CU DOM. Budge of \$40K/year.	2021, renewed 2022
• 2021 Award provided funding and support to investigate the impact of the same-day simulation-based procedure training in the Rapid Access Procedure Clinic through a single-blinded randomized trial of competency assessment and self—reported cognitive load.	
• Renewal for 2022 award supported the expansion of this pilot program to evaluate a comprehensive simulation-based procedure training and clinical competency assessment program for acute and critical care IM procedures across all CU hospital sites.	

14. Bibliography

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