



# Biostatistical Consulting Unit

Annual Report  
**2025**



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**Cover Photo:** Our regional Pleasanton campus, home to Kaiser Permanente Research Northern California, regional Graduate Medical Education and the BSCU.



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BSCU ANNUAL REPORT

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2025 BSCU team picnic in Tilden Park

# ADVANCING DISCOVERY ACROSS EVERY STAGE OF TRAINING AND PRACTICE



I am pleased to share the Biostatistical Consulting Unit's 2025 Annual Report — a reflection of the collective ambition, rigor, and dedication of the many researchers, trainees, and sponsors who make this work possible.

At Kaiser Permanente Northern California (KPNC) and the Permanente Medical Group (TPMG), discovery is woven into every stage of a physician's journey — from medical school through residency and fellowship and into independent practice. In 2025, this commitment produced remarkable results. Across all research sponsors, the BSCU supported 497 projects spanning more than 40 clinical specialties and are proud to showcase 527 scholarly products — from manuscripts in journals such as JAMA and the American Journal of Obstetrics and Gynecology to presentations at premier conferences including the American Heart Association Scientific Sessions and the American Society of Clinical Oncology Annual Meeting.

Our Graduate Medical Education program remained the cornerstone of this effort. GME's substantial investment supported 358 trainee-led projects across 19 residency and 18 fellowship programs, generating 474 scholarly products — 129 published manuscripts and 345 conference presentations. These studies spanned the full breadth of clinical inquiry: evaluating treatment effectiveness, identifying disease risk factors, addressing healthcare disparities, and applying advanced analytics to improve how we deliver care.

Since the Kaiser Permanente Bernard J. Tyson School of Medicine's (KPSOM) inaugural class matriculated in 2020, students have partnered with Kaiser Permanente Division of Research (DOR) investigators to generate student-led research. In 2025, this partnership extended to medical center-based TPMG physicians with support from the BSCU, bringing our research mission to the earliest stage of physician training. This collaboration supported 13 new medical student-TPMG research projects and resulted in 22 publications across multiple specialties.

Our support doesn't end when training does. In partnership with our Central Research Committee and the Community Health program, the BSCU helped attending TPMG physicians — many embarking on research for the first time — develop competitive proposals and implement impactful studies. These clinician-led efforts produced 12 manuscripts and 26 conference presentations in high-impact venues, demonstrating that the spark of scholarly inquiry continues well beyond residency and fellowship. Additional support from external and internal sponsors — including the National Institutes of Health and TPMG Women's Health Research, among others — further expanded the reach and diversity of our research.

None of this is possible without our extraordinary community of collaborators. I want to express my deepest gratitude to our research sponsors, physician research leads, medical center research project managers, faculty mentors, and every medical student, resident, fellow, and attending physician who brought curiosity and commitment to their scholarly work. I also want to recognize the talented BSCU team — our analytical programmers, scientific research team, and strategic operations staff — whose dedication powers every project we support.

The pages that follow tell the story of what our trainees and practicing physicians accomplished together in 2025 — from a student's first research question to an attending's seminal publications. I hope you find in them both a measure of what we have achieved, and inspiration for the work still ahead.

*Juleon Rabbani, DrPH*

**Juleon Rabbani, DrPH**

Director, Biostatistical Consulting Unit

Research Scientist, Biostatistics

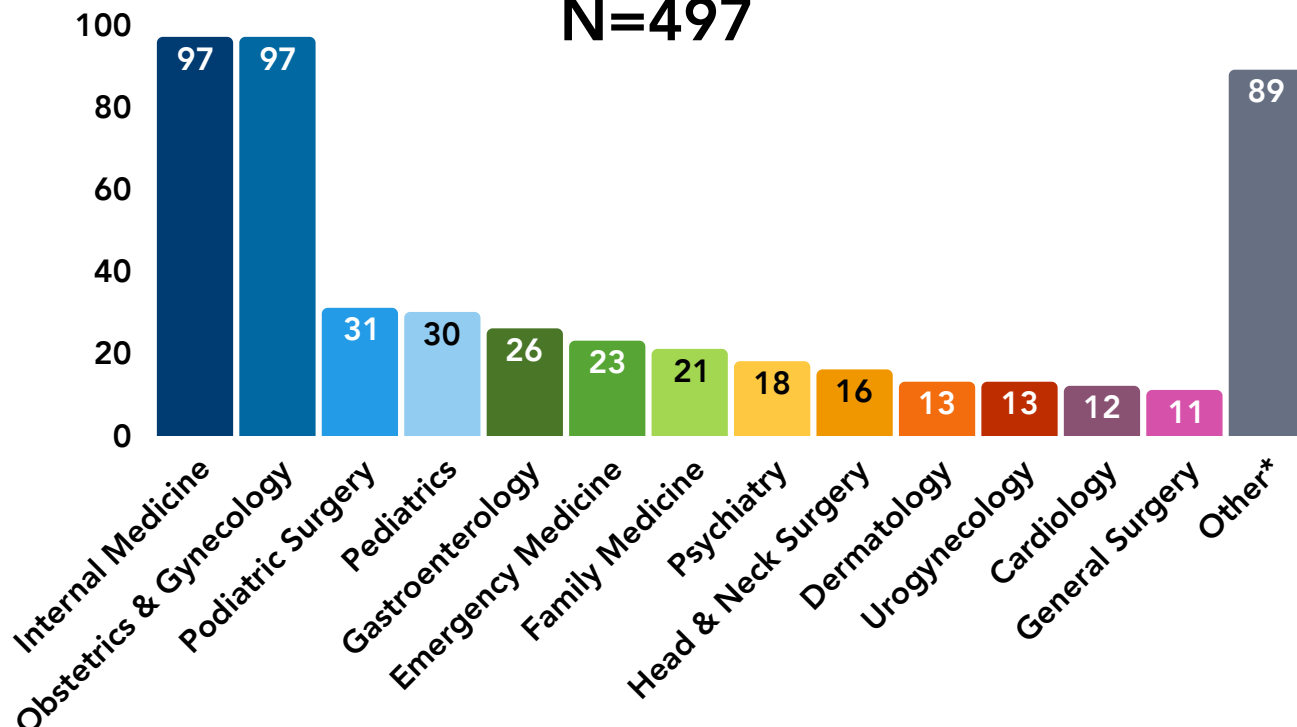
Kaiser Permanente Division of Research

# All Research Sponsors

## Impact by the Numbers

### 2025 Projects Supported by Clinical Specialty

N=497



\*The BSCU supported 89 additional projects across 32 other clinical specialties in 2025, such as Addiction Medicine, Allergy, Anesthesiology, Bariatric Surgery, Community Medicine, Geriatric Medicine, Gynecologic Oncology, Hematology/Oncology, HIV Medicine, Hospital Based Medicine, Infectious Disease, Nephrology, Neurology, Occupational Medicine, Oncology, Optometry, Pain Management, Pathology, Patient Safety, Pediatric Hospital Medicine, Perinatology, Plastic Surgery, Pulmonary & Critical Care Medicine, Radiology, Rehabilitation, Rheumatology, Thoracic Surgery, Urology, Vascular Surgery, and Women's Health

### 2025 Total Scholarly Products by Research Sponsor

| N=527                    | GME* | CH | GME-CH | KPSOM* | GME-KPSOM | Additional Sponsors |
|--------------------------|------|----|--------|--------|-----------|---------------------|
| Published Manuscripts    | 124  | 10 | 2      | 19     | 3         | 2                   |
| Conference Presentations | 338  | 19 | 7      | 0      | 0         | 3                   |

\*Includes products not directly supported by the BSCU

A photograph of two healthcare professionals in a meeting. In the foreground, a Black woman with curly hair, wearing a blue scrubs top and a lanyard, is seated and gesturing with her hands while speaking. In the background, a woman with brown hair, wearing a white lab coat over a teal top, is seated at a desk with a laptop and looking towards the first woman. The image is partially covered by a large blue diagonal overlay on the left side.

# MEDICAL EDUCATION- SPONSORED RESEARCH

# Graduate Medical Education

## Impact by the Numbers

Kaiser Permanente Northern California (KPNC) Graduate Medical Education (GME) supports medical center-based research project managers and Kaiser Permanente Research Northern California research teams to provide full spectrum research and quality improvement (QI) support to our physician trainees. In 2025, GME provided substantial investment in Kaiser Permanente Research Northern California research teams to support its **19 residency**, and **18 fellowship** programs.

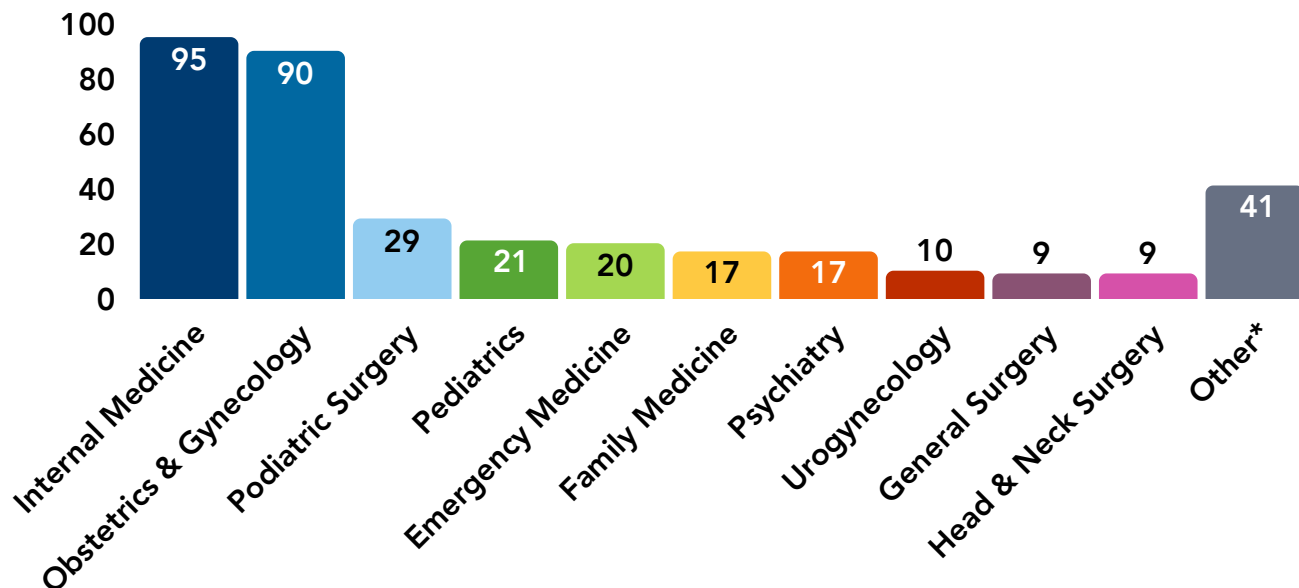
### 2025 BSCU-supported projects addressed a range of topics, including:

- Treatment effectiveness and safety
- Disease risk factors for screening and prevention
- Healthcare disparities in underserved populations
- Clinical operations and efficiency
- Impact of external events (e.g., COVID-19)

Visit our website for more details on research projects



## 2025 GME Projects Supported by Trainee Specialty N=358



\*The BSCU supported 41 additional projects across 12 other trainee specialties in 2025, including Bariatric Surgery, Cardiology, Community Medicine, Gastroenterology, Gynecologic Oncology, Hematology/Oncology, Nephrology, Optometry, Patient Safety, Pediatric Hospital Medicine, Pulmonary & Critical Care Medicine, and Vascular Surgery

# Graduate Medical Education

## Scholarly Products

### 2025 scholarly products and examples of high-impact venues:

- **129** manuscripts, including the Journal of the American Medical Association (JAMA), Journal of the American College of Cardiology (JACC), and American Journal of Obstetrics & Gynecology
- **345** conference presentations, including the American Heart Association (AHA) Scientific Sessions, American Society of Clinical Oncology (ASCO) Annual Meeting, and American Medical Informatics Association (AMIA) Annual Symposium

Visit our BSCU website for more details on publications and conference presentations



## 2025 GME Scholarly Products

**N=474\***

**Manuscript  
Publications**



129

**Conference  
Presentations**



345

\*Includes non-BSCU supported manuscripts (n=94) and conference presentations (n=230)



**Ted O'Connell, MD**  
Director of Medical Education,  
KPNC



*Our Regional GME program and Kaiser Permanente's Biostatistical Consulting Unit are committed to excellence in research and scholarly work. We have made a strategic investment in developing infrastructure to enable resident, fellow, and faculty involvement in research and scholarly activities. With support from our research project managers and the BSCU, our GME programs had more than 340 presentations at conferences and 129 publications. With several hundred scholarly projects ongoing, our trainees and faculty are poised to continue this academic excellence.*



# Graduate Medical Education

## Scholarly Highlights by Program Specialty

The following highlights represent substantial scholarly achievement from our trainees, faculty, scientists, research leads, and programmer analysts. They include publications, conference presentations, awards, testimonials and spotlights from our medical centers and Kaiser Permanente Research Northern California.

### Bariatric Surgery

#### The safety and efficacy of ambulatory bariatric surgery

**Major Findings:** Same-day discharge bariatric surgery is a viable and safe model for select patients when supported by strict protocols and enhanced recovery procedures.

**Published in:** Current Surgery Reports. 2025 Nov 17;13(1):44.

Dalvin MD, Jackson T, Grinberg GG, Yenumula PR

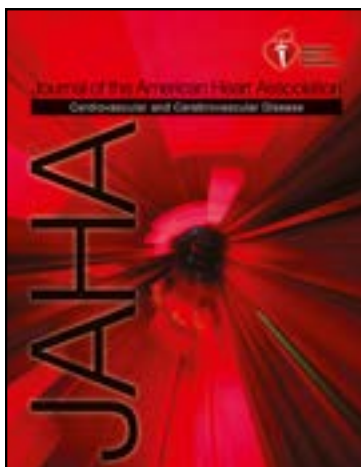
### Cardiology

#### Racial disparities in heart transplantation: Long-term graft survival and non-mortality outcomes

**Major Findings:** Black heart transplant recipients have a significantly higher risk of three-year graft failure and post-transplant complications like rejection and diabetes compared to White recipients.

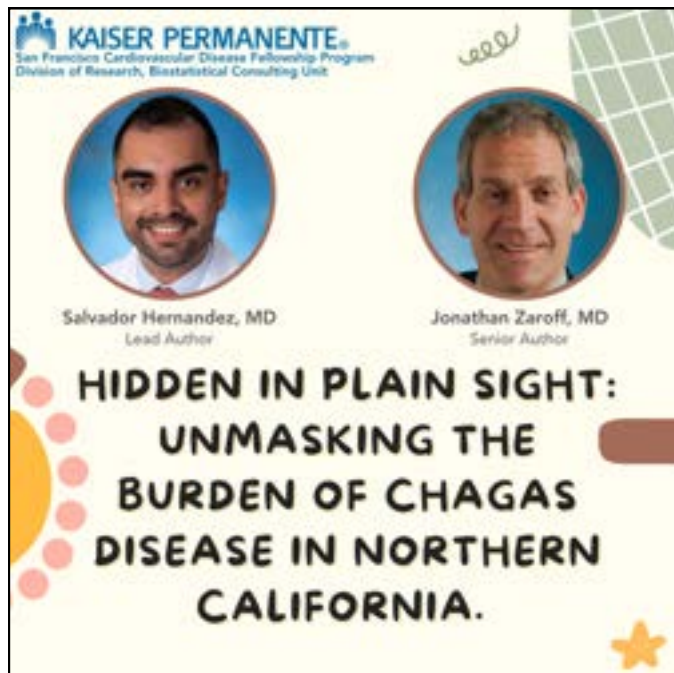
**Published in:** J Am Heart Assoc. 2025 Oct 7;14(19):e038892. doi: 10.1161/JAHA.124.038892. Epub 2025 Sep 25. PMID: 40996058; PMCID: PMC12684610.

Hamilton SA, Wayda B, Weng Y, Zhang S, Khush KK.



THE PERMANENTE  
JOURNAL





## Chagas disease in Northern California: Observed prevalence, clinical characteristics, and outcomes within an integrated health care delivery system



**Major Finding:** The prevalence of Chagas disease increased over time, with many patients experiencing poor cardiovascular outcomes, likely as a result of delayed diagnosis.

**Published in:** Perm J. 2025 Jun 26:1-9.  
doi: 10.7812/TPP/25.041. Epub ahead of print. PMID: 40566857.

Hernandez S, Srikanth K, Bommireddi A, Leong T, Miller D, Ambrosy A, Zaroff J.

Third-place winner of 2025 Learning Health System Outstanding Paper Award, Fellow Category

## The joint association of CAC and obesity on ASCVD risk: Insights from the CARDIA study

**Presented at:** American College of Cardiology Scientific Sessions, March 29-31, 2025.

Gustafson S, Tai A, Parikh R, Wong E, Hanck I, Allen N, Goonewardena S, Rana J, Carr J, Lloyd-Jones D, Bhatt A.

## The association of obesity measures on the development and progression of coronary artery calcium: Insights from the CARDIA study

**Presented at:** American Health Association Epidemiology and Prevention / Lifestyle and Cardiometabolic Health Scientific Sessions, March 6-9, 2025.5.

Gustafson S, Tai A, Parikh R, Wong E, Hanck I, Allen N, Goonewardena S, Rana J, Carr J, Lloyd-Jones D, Bhatt A.

## Baseline prevalence and patterns of dementia in older adults referred for coronary revascularization after an acute coronary syndrome: A multicenter study from an integrated healthcare system

**Presented at:** American Heart Association Scientific Sessions, November 7-11, 2025.

Shin E, Jain A, Ha R, Canio W, Romero A, Gilsanz P, Dinh H, Aggarwal NT, Mielke M, Damluji AA, Yang JY, Shah A, Krishnaswami A.

## Baseline prevalence and patterns of dementia in older adults hospitalized with acute coronary syndrome: A multicenter study from an integrated healthcare system

**Presented at:** American Heart Association Scientific Sessions, November 7-11, 2025.

Yang J, Jain A, Ha R, Canio RC, Romero A, Gilsanz P, Dinh H, Aggarwal, Mielke M, Damluji AA, Shin ED, Shah AI, Krishnaswami A.

## Emergency Medicine

### Pyoderma gangrenosum

**Major Findings:** Pyoderma gangrenosum is a painful, chronic ulcerative disorder often associated with systemic diseases like ulcerative colitis and is primarily a diagnosis of clinical exclusion.

**Published in:** Clin Pract Cases Emerg Med. 2025 May;9(2):242-244. doi: 10.5811/cpcem.1675. PMID: 40402053; PMCID: PMC12097255.

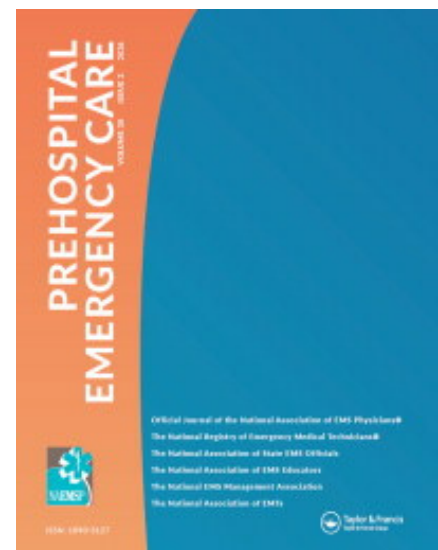
Aghaei R, Hsu E, McCoy C.

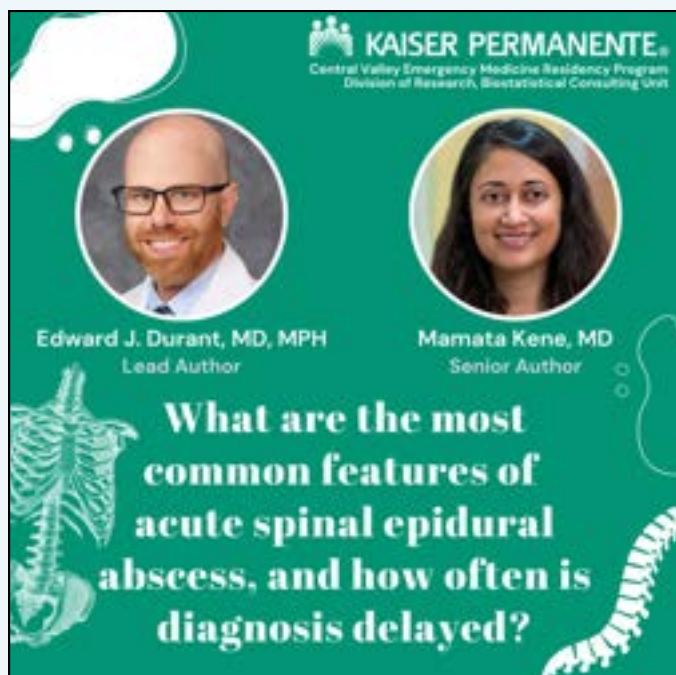
### Prehospital sepsis recognition and antibiotic administration: A retrospective analysis

**Major Findings:** Emergency medical services clinicians demonstrate high adherence to a prehospital sepsis protocol, successfully administering antibiotics to 97% of patients at a median of 11 minutes before hospital arrival.

**Published in:** Prehosp Emerg Care. 2025 Apr 14:1-6. doi: 10.1080/10903127.2025.2489034. Epub ahead of print. PMID: 4019358.

Antevy P, Schepke KA, Coyle C, Tenenbaum S, Aran G, Leser J, Burdett N, Farcy DA, Zitek T.





**Diagnostic delays are common and classic presentations are rare in spinal epidural abscess**

**Major Finding:** Diagnosis of spinal epidural abscess remains challenging because most patients do not present with the classic triad of symptoms and often have multiple healthcare visits in the month prior to unequivocal diagnosis.

**Published in:** West J Emerg Med. 2025 Feb 24;26(3):692-699. doi: 10.5811/westjem.24985. PMID: 40562008; PMCID: PMC12208084.

**Durant EJ, Copos S, Folck BF, Anderson M, Ghiya MS, Hofmann ER, Vuong P, Shan J, Kene M.**

### Predictors of health care utilization in patients with post-acute sequelae of COVID-19 (PASC)

**Major Findings:** Higher illness severity and medical comorbidities were associated with increased post-acute sequelae of COVID-19 care-seeking, while COVID-19 immunization and metformin use were linked to lower utilization.

**Published in:** PLoS One. 2025 Sep 9;20(9):e0331370. doi: 10.1371/journal.pone.0331370. PMID: 40924755; PMCID: PMC12419638.

**Durant EJ, Warton EM, Skarbinski J, Siqueiros MH, Cholleti SM, Vinson DR, Mark DG, DiLena DD, Rauchwerger AS, Reed ME, Ballard DW.**

### Rectum foreign body removal

**Major Findings:** While rectal foreign bodies can often be safely managed nonoperatively in the emergency department, delays in seeking care due to embarrassment significantly increase the risk of serious complications.

**Published in:** StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 Jan-. PMID: 32491489.

**Easton-Carr R, Paish LM.**



### **Patient and procedural factors associated with insufficient office endometrial biopsy**

**Major Finding:** Postmenopausal status, leiomyomas, history of cesarean delivery, chronic pain, and anxiety were associated with a higher risk of insufficient endometrial biopsies, while body mass index  $\geq 50$  was associated with lower risk.

**Published in:** O G Open. 2025 Aug 14;2(4):e106. doi: 10.1097/og9.0000000000000106. PMID: 41001187; PMCID: PMC12456534.

Howe M, Hung YY, Bhatnagar R, Lee-Haynes L, Suh-Burgmann EJ.

### **Removal of 2-rod subdermal implant identified on X-ray: A case report**

**Major Findings:** This case report highlights the necessity for clinicians to recognize non-US contraceptive alternatives like the 2-rod Jadelle implant in foreign-born patients to ensure proper identification and removal.

**Published in:** Clin Case Rep. 2025 Aug 7;13(8):e70737. doi: 10.1002/ccr3.70737. PMID: 40787161; PMCID: PMC12331526.

Pomatto-Watson LCD, Hutchison J, Hutchison JT.

### **Characteristics and outcomes between patients treated with vasopressor therapy before and after randomization in the usual care arm of the ProCESS trial**

**Major Findings:** Starting vasopressor therapy before trial randomization did not result in a significant difference in 60-day inpatient mortality for patients with early septic shock.

**Published in:** Archives of Emergency Medicine and Intensive Care. 2025;6(1):07-14.

Yusvirazi L, Aisiku IP, Cohen JE.

### **Supra-short ultrasound protocol for rotator cuff tears in the emergency department: Pilot study**

**Major Findings:** Emergency physicians can perform a simplified "supra-short" ultrasound protocol quickly, but more training is needed to improve its accuracy in identifying supraspinatus tears.

**Published in:** West J Emerg Med. 2025 Sep 25;26(5):1431-1437. doi: 10.5811/westjem.46984. PMID: 41192987; PMCID: PMC12591634.

**Zitek T, Farrow RA 2nd, Shalaby M, Puebla D, Sanoja A, Lopez E, McShannic J, Lee Y, Warren N, Lamour D, Perez J, Rosselli M.**

### **The incidence and characteristics of cervical spine injuries in young children in community hospitals**

**Presented at:** American College of Emergency Physicians Research Forum, September 8, 2025.

**Alazawi Z, Naveed M, Durant E, Zitek T.**

### **No knee'd for it: The case against arthroscopy**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Bhagat N, Lam J, Wade E, Lee-Haynes L, Wilkins K.**

### **Fluid resuscitation stratified across lactate levels in severe sepsis: A retrospective cohort study of a Kaiser Permanente Northern California Cohort**

**Presented at:** American College of Chest Physicians Annual Meeting, October 19-22, 2025.

**Deng A, Macko C, Tucker Lue-Yen, Morehouse J, Siegel T.**



**“Doug Stram [BSCU programmer] is fantastic to work with. He is always incredibly responsive and has a great sense for what is needed to move the project forward. He is an excellent collaborator, and I greatly appreciate his expertise on any project for which we’re fortunate enough to have him.”**



**Edward Durant, MD, MPH**  
Emergency Medicine  
Central Valley

**Creation of a resident pod improves educational experience in a community hospital**

**Presented at:** Society for Academic Emergency Medicine, May 14, 2025.

**Rahman H, Lam J, Brown M, Stuempfig N.**

**Creation of a resident pod improves educational experience in a community hospital**

**Presented at:** Council of Residency Directors in Emergency Medicine, March 3, 2025.

**Stuempfig N, Rahman H, Lam J, Brown M.**



# Family Medicine

## Maternal prenatal cannabis use and major structural birth defects

**Major Findings:** Maternal prenatal cannabis use was associated with an increased risk for specific rare structural birth defects, specifically gastroschisis and omphalocele.

**Published in:** Birth Defects Res. 2025 Jun;117(6):e2492. doi: 10.1002/bdr2.2492. PMID: 40480966.

**Avalos LA, Adams SR, Alexeeff SE, Oberman NR, Does MB, Steuerle KR, Ansley DR, Castellanos CL, Padon AA, Silver LD, Young-Wolff KC.**

## The feasibility and impact of implementing brief educator development sessions in under resourced residency training sites

**Major Findings:** Brief, 25-minute virtual educator development sessions are feasible to implement in rural residency sites and are perceived as useful by residents in training.

**Published in:** J Grad Med Educ. 2025 Aug;17(4):515-522. doi: 10.4300/JGME-D-25-00025.1. Epub 2025 Aug 15. PMID: 40832070; PMCID: PMC12360257.

**Silver A, Carney PA, Church R, Sorem NP, Serfin J, Youker JA, Gopal B, Mendez-Kohlbeier C, Juve AKM.**

## Alcohol, cannabis, and nicotine use during early pregnancy and infant hearing loss

**Major Findings:** Maternal alcohol use during early pregnancy is associated with an increased risk of infant hearing loss, while prenatal cannabis or nicotine use showed no such association.

**Published in:** Prev Med. 2025 Mar;192:108242. doi: 10.1016/j.ypmed.2025.108242. Epub 2025 Feb 10. PMID: 39938724; PMCID: PMC11884327.

**Young-Wolff KC, Oberman N, Alexeeff SE, Croen LA, Steuerle KR, Ansley D, Castellanos C, Avalos LA.**



**Optimizing behavioral health in family medicine: Enhancing resident skills through a dedicated behavioral health elective**

**Presented at:** UC Davis Family Medicine Research Day/Resident Research Symposium, April 5, 2025.

**Aceves-Martin B, Salib J.**

**Bias and the sign out: A QI starting point**

**Presented at:** Napa Solano Research Week Program, May 14, 2025.

**Ball D.**

**Identifying gender-diverse patients within the electronic medical records and assessing rates of preventative health screenings**

**Presented at:** Kaiser Permanente Napa-Solano Interprofessional Research Week, May 15, 2025.

**Bazelais S, Dang K, Brown M, Poon J.**

**Leveraging a needs assessment to developing a learning network for family medicine residency programs**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 5, 2025.

**Bondi-Boyd B, Anderson L, Young K, Coy A, LaFlamme E.**

**Leaning into quality improvement work**

**Presented at:** Society of Teachers and Family Medicine Conference on Practice & Quality Improvement, September 9, 2025.

**Bondi-Boyd B, Yang J, Rangel-Alvarez B, Kaur S, Kidd B.**

**Novel resident stress and burnout tracking over six years of data: Trends and insights**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 7, 2025.

**Braun.**

**Enhancing hypertension care engagement for Black patients within a family medicine residency**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Caluya J, Coleman B, Roy P, Martinez R, Mannikar N, Lloyd S.**

### **Revitalizing campus access: A quality improvement initiative for ancillary services**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Cheng S, Tang A, Harris B, Vu M.**

### **Improving screening for unhealthy alcohol use in a community-based family medicine residency**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 7, 2025.

**Della Lana, McDermott.**

### **Improving screening for unhealthy alcohol use**

**Presented at:** UCSF Family and Community Medicine Colloquium, May 22, 2025.

**Della Lana, McDermott.**

### **Osteopathic curriculum in family medicine for allopathic and osteopathically trained residents**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Dizon R, Lloyd S.**

### **Hearts of Sonoma County: A decade of interorganizational collaboration to reduce heart attacks and strokes**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Flores-Tindall.**

### **Promoting health and wellness among women physicians: Insights from the Santa Rosa event**

**Presented at:** The Permanente Medical Group Lifestyle Medicine Conference, August 21, 2025.

**Flores-Tindall.**

### **350,000 quitters and counting: A systematic approach to tobacco cessation**

**Presented at:** Hearts of Sonoma, September 3, 2025.

**Flores-Tindall.**

**Integrating an ambient artificial intelligence scribe in medical training: Lessons learned across four family medicine residencies**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Friedman R, Magan M, Chu F, McDermott S, Balsbaugh T, Symkowick M.**

**Integrating ambient AI in medical training**

**Presented at:** UCSF Family and Community Medicine Colloquium, May 22, 2025.

**Friedman, Magan, McDermott, Rubin.**

**AI in medical education: An AI focused workshop for the UCSF faculty development fellowship**

**Presented at:** UCSF Faculty Development Fellowship, April 7, 2025.

**Friedman, McDermott.**

**Inclusive leadership**

**Presented at:** UCSF Faculty Development Fellowship, February 24, 2025.

**Friedman.**

**AI's health equity potential in family medicine**

**Presented at:** UCSF Family and Community Medicine Colloquium, May 22, 2025.

**Friedman.**

**Improving pediatric flu immunization rates in a resident family medicine clinic**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Gee S, Meek M, Harris B, Cascalla G, Issaq H.**

**Rapidly progressive dementia with classic neuroimaging findings: A case report of Creutzfeldt-Jakob disease**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Githere-Thande N, Renaud A.**

**Rapidly progressive dementia with classic neuroimaging findings: A case report of Creutzfeldt-Jakob disease**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Githere-Thande R.**

**Improving chlamydia screening rates in primary care: A gender inclusive quality improvement approach**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Hobbs R, Singh K, Singh K, Sivanushanthan N, Siziba M, Canlas C, Lloyd S.**

**Best Completed Project, 2025 SCOPE Award**



**Establishing an obesity medicine curriculum in a family medicine residency program**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Johnson V, Mendez-Kohlmeier C.**

**Identifying gender-diverse patients within the electronic medical records and improving rates of preventative health screenings**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Kim L, Bazelaire S, Brown M, Dang K, Poon J.**



**KAISER PERMANENTE**  
**SCOPE**  
SCHOLARLY SYMPOSIUM



**Identifying risk factors for persistently uncontrolled hypertension: Insights from multivariate and geospatial analyses**

**Presented at:** Society for Teachers of Family Medicine Conference, May 4, 2025.

**Kim T, Jain A, Voelkel J, White M, McDermott S, Stram D, Shaver J.**

**Society of Teachers of Family Medicine 2025 Blue Ribbon Poster Award Winner**



**Feasibility and operation of an indoor microgreen grow rack for resident wellness**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Kim, Ha, Meadows, Lamb.**

**Identifying risk factors for persistently uncontrolled hypertension: Insights from multivariate and geospatial analyses**

**Presented at:** UCSF Family and Community Medicine Colloquium, May 5, 2025.

**Kim, McDermott, Shaver.**

**Identifying risk factors for persistently uncontrolled hypertension: Insights from multivariate and geospatial analyses**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 5, 2025.

**Kim, Shaver.**

**WOW how beautiful! How awe and wonder can improve wellbeing**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Lamb.**

**Continuous glucose monitor training within a family medicine residency**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 5, 2025.

**Lloyd S, Onder J.**

**Focus on faculty POCUS: Faculty development for point of care ultrasound in a family medicine residency**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 2, 2025.

**Lloyd S, Wilner J.**

**Integrating ambient AI scribes in medical training: A cross-sectional survey on documentation burden and training needs in family medicine residencies**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Magan, Friedman, McDermott, Rubin.**

**Integrating ambient AI scribes in medical training: A cross-sectional survey on documentation burden and training needs in family medicine residencies**

**Presented at:** North American Primary Care Research Group Practice Based Learning Conference, June 2, 2025.

**Magan, McDermott, Friedman.**

**AI in action: Transforming care coordination & addressing social factors in chronic disease**

**Presented at:** HIMSS Global Health Conference and Exhibition, March 9, 2025.

**Megan.**

**Prevalence and predictors of diabetes distress among young adults with newly diagnosed type 2 diabetes**

**Presented at:** North American Primary Care Research Group Practice Based Learning Conference, June 3, 2025.

**Megan.**

**Journey into medicine: Developing a framework for providing empowering career talks to improve equity in healthcare**

**Presented at:** UCSF Family and Community Medicine Colloquium, May 22, 2025.

**Mayeda, Hansen.**



### **Tai Chi for health**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Mayeda.**

### **Implementing a gender affirming cervical cancer screening clinic in a community based, family medicine residency clinic**

**Presented at:** UCSF Family and Community Medicine Colloquium, May 22, 2025.

**McAuliffe, Merchant.**

### **Empowering solutions through SBAR - a framework for engaging faculty and residents in program improvements**

**Presented at:** UCSF Family and Community Medicine Colloquium, May 22, 2025.

**McDermott, Friedman.**

### **Implementing competency-based medical education in a community-based family medicine residency**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 6, 2025.

**McDermott, Koida, Friedman.**

### **Enhancing access to mental health resources for depressed patients: A quality improvement project in a family medicine resident clinic**

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

**Meek M, Cheng S, Grimes T, Wong S, Panchal H, Harris B.**

### **Where's the beef? Provider involvement in fighting climate change**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025, and UCSF Family and Community Medicine Colloquium, May 22, 2025.

**Mertz, Baker.**

### **Where's the beef? Provider involvement in fighting climate change**

**Presented at:** Climate Health Now Healthcare Sustainability Summit, January 18, 2025.

**Mertz.**

### **Antenatal hand expression pilot project**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Renaud AE, Butler A, Kwong J, Wei J, McDermott S, Steuerle K.**

### **Antenatal hand expression pilot project**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Renaud, Steuerle, Kwong, Butler.**

### **Group hypertension clinic QI project**

**Presented at:** Preventive Health Program Quality Insurance Forum, March 4, 2025.

**Rubin S.**

### **When depersonalization scores rise: A QI project to help residents keep focus on humanized medical practice**

**Presented at:** Society of Teachers of Family Medicine Annual Conference, May 5, 2025.

**Salib J, Roy P, Coleman B.**

### **ConnectAtKPNC physician led series: Communication**

**Presented at:** Regional Presentation, August 21, 2025.

**Silver.**

### **Digital readiness and preparation for medical school applicants**

**Presented at:** PreMedCC.org Conference, November 8, 2025.

**Silver.**

### **Assessing the impact of home visits on family medicine residents**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Siziba M.**



## Assessing the impact of home visits on family medicine residents

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

Szibia, M; Balsbaugh, T.

## Does advanced care planning have an impact on quality of life and overall health care utilization in elderly patients with dementia at Kaiser Permanente NCAL?

**Presented at:** Kaiser Permanente Napa Solano Interprofessional Research Week, May 15, 2025.

Tabernik L, Arostegui AM, Roybal BO.

## Improving knowledge and discussion of herbal supplements and prescription medication interactions in a family medicine residency clinic

**Presented at:** UCSF Department of Family & Community Medicine Rodnick Colloquium, May 22, 2025.

Wong S, Tang A, Grimes T, Gee S, Harris B, Shin S.

# Gastroenterology



## Gut-directed hypnotherapy for irritable bowel syndrome: A systematic review and meta-analysis

**Major Finding:** Gut-directed hypnotherapy, particularly when delivered in a group setting, was superior to comparator groups in improving global symptoms and reducing pain among patients with irritable bowel syndrome.

**Published in:** Neurogastroenterol Motil. 2025 Apr 3:e70037. doi: 10.1111/nmo.70037. Epub ahead of print. PMID: 40179285.

Adler EC, Levine EH, Ibarra AN, Boparai ES, Hung YY, McCrary QD, Lee JK.

## Allergic phenotypes and asthma in multiple sclerosis: Epidemiologic and genetic relationships

**Major Findings:** Multiple sclerosis (MS) is associated with a reduced prevalence of seasonal allergies, and specific MS genetic risk factors appear to influence allergy susceptibility in these patients.

**Published in:** Mult Scler. 2025 Dec 27;13524585251398382. doi: 10.1177/13524585251398382. Epub ahead of print. PMID: 41454677.

**Briggs F, Nyati A, Zweig S, Leung LJ.**

## An "EDGI" treatment for a duodenal varix

**Major Findings:** This case report showed that EUS-directed transgastric intervention (EDGI) was successfully used to ablate a bleeding duodenal varix in a patient with complex surgical history where other interventions were unavailable.

**Published in:** Gastrointest Endosc. 2025 Nov;102(5):759-761. doi: 10.1016/j.gie.2025.05.025. Epub 2025 May 29. PMID: 40449629.

**Leung LJ, Davis BG, Goldman ML, Gupta S, Karia K, Hamerski CM.**

## Adherence to the post-polypectomy surveillance guidelines after removal of non-advanced adenomas

**Presented at:** Kaiser Permanente Northern California Gastroenterology Fellowship Research Symposium, May 22, 2025.

**Lee J, Hendel J, Merchant S, Jensen C, Nugent J, Levin T, Udaltsova N, Badalov J, Corley D.**

## Establishment of a poem service in a large integrated health care system

**Presented at:** Digestive Disease Week, May 21, 2025.

**Leung LJ, Ma GK, Chang HY, Svahn J, Fukami N, Xu MM, Lam S, Risbud A, Lee JK, Jue TL.**

## Time-specific risk of thromboembolic and GI bleeding events following reinitiation of direct oral anticoagulants after elective colonoscopy

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Leung LJ, Merchant S, Thomas P, Jensen C, Koripella P, Bal A, Oh A, Leung M, Lee J.**

**KPSF Academy of Medical Educators Clinical Research Award**



### Timing of DOAC resumption after outpatient colonoscopy and risk of thromboembolic and gastrointestinal bleeding events

**Presented at:** Kaiser Permanente San Francisco Gastroenterology Fellowship Research Symposium, May 29, 2025.

**Leung LJ, Merchant SA, Thomas P, Jensen CD, Koripella P, Bal A, Oh A, Leung M, Lee JK.**

### Validation of the Baveno VI and VII criteria for identification of clinically significant portal hypertension in the United States

**Presented at:** Digestive Disease Week, May 3, 2025.

**Leung M, Siavoshi M, Billet N, Li X, Wade E, Balasubramanian S, Lee J, Saxena V, Mukhtar N.**

### Baveno criteria spares endoscopies among patients with compensated cirrhosis within a large US healthcare system

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Leung M, Siavoshi M, Billet N, Li X, Wade E, Balasubramanian S, Seo S, Chai K, MacDonald B, Lee J, Saxena V, Mukhtar N.**

### Baveno criteria spares endoscopies among patients with compensated cirrhosis within a large US healthcare system

**Presented at:** Kaiser Permanente Northern California Gastroenterology Fellowship Research Symposium, May 22, 2025.

**Leung M, Siavoshi M, Mukhtar N.**



# General Surgery



## Racial/ethnic disparities in lung cancer surgery outcomes in the USA

**Major Finding:** While clinical outcomes for lung cancer surgery were generally similar across racial groups, disparities in healthcare utilization remained, such as lower odds of 30-day return to the emergency department among Asian patients.

**Published in:** Epidemiologia (Basel). 2025 Apr 11;6(2):18. doi: 10.3390/epidemiologia6020018. PMID: 40265349; PMCID: PMC12015872.

Vasic I, Banks KC, Wei J, Morales LM, Islas ZA, Alcasid NJ, Susai C, Sun A, Burapachaisri K, Patel AR, Ashiku SK, Velotta JB.

## Rate of postmastectomy immediate breast reconstruction among Asian American women in an integrated healthcare model

**Presented at:** Asia Pacific Breast Cancer Summit, February 21, 2025.

Gold C, Fink D, Candell L, Gambhir A, Savitz A, Young-Reeves M, Odele P, Veliz J, Habel L.

## The prevalence of primary lung cancer among women with prior personal and/or family history of cancer in an integrated health system

**Presented at:** International Thoracic Surgical Oncology Summit, September 27, 2025.

Villanueva C, Chervo T, Tucker LY, Velotta J.



## Gynecologic Oncology



**Long-term impact of surgical route and tumor size on risk of recurrence among early-stage cervical cancer patients in a managed care population**

**Major Finding:** Patients with Stage IA2-IIA1 cervical cancer experienced inferior survival outcomes and higher recurrence rates when undergoing minimally invasive surgery compared to open surgery, even for smaller tumors.

**Published in:** Int J Gynecol Cancer. 2025 Jul;35(7):101928. doi: 10.1016/j.ijgc.2025.101928. Epub 2025 May 10. PMID: 40500640.

Guerra R, Tucker LY, Littell R, Kay A.

## Head and Neck Surgery

### Opportunities for gender-affirming care exposure across otolaryngology programs

**Major Findings:** While most otolaryngology residencies are affiliated with gender-affirming care clinics, only a minority of programs have faculty who conduct gender-affirming surgery or research.

**Published in:** Perm J. 2025 Jun 16;29(2):70-75. doi: 10.7812/TPP/24.197. Epub 2025 Apr 5. PMID: 40186398; PMCID: PMC12168032.

Amos SE, Neptune NS, Mehta MP, Chou DW.

### Arthritis-related adverse reactions of dupilumab in treatment of chronic rhinosinusitis

**Major Findings:** Dupilumab-associated arthritis is reported more frequently in patients treated for chronic rhinosinusitis with nasal polyps and asthma compared to those with atopic dermatitis.

**Published in:** Laryngoscope. 2025 Dec;135(12):4571-4577. doi: 10.1002/lary.32439. Epub 2025 Jul 17. PMID: 40673627.

Annadata VS, Huynh PP, Liang J.



### **Role of pain in adults undergoing soft tissue and maxillomandibular advancement surgery for obstructive sleep apnea**

**Major Finding:** Non-hypoglossal nerve stimulation sleep surgery for obstructive sleep apnea is associated with a nearly 92% rate of postoperative opioid dispensing, with patients who reported preoperative pain or depression being at higher risk for complications.

**Published in:** Laryngoscope Investig Otolaryngol. 2025 Dec 14;10(6):e70322. doi: 10.1002/lio2.70322. PMID: 41404635; PMCID: PMC12703013.

**Ansari G, Darbinian J, Collazo S, Block-Wheeler N, Durr M.**

### **Diagnostic yield of neck mass imaging: Impact of clinician specialty**

**Major Findings:** Neck mass imaging ordered by otolaryngologists provides a significantly higher diagnostic and therapeutic yield than imaging ordered by non-specialists.

**Published in:** Perm J. 2025 Dec 15;29(4):119-125. doi: 10.7812/TPP/25.110. Epub 2025 Nov 17. PMID: 41243482; PMCID: PMC12703529.

**Debbaneh P, Martinez-Salazar A, Tran QL, Moufarrej S, Hoerter JE, Jiang N, Weintraub MR, Wang KH.**

### **The safety and efficacy of perioperative NSAIDs in rhinoplasty: A systematic review and meta-analysis**

**Major Findings:** Perioperative nonsteroidal anti-inflammatory drugs use in rhinoplasty significantly reduces postoperative pain and opioid consumption without increasing the risk of bleeding.

**Published in:** Laryngoscope. 2025 Dec;135(12):4529-4541. doi: 10.1002/lary.32413. Epub 2025 Jul 9. PMID: 40631794.

**Deckard E, Jain-Poster K, Rivero A.**

### Clearing the airway? A pilot cadaveric study of the LifeVac™ device

**Major Findings:** In a pilot cadaveric model, the LifeVac™ device demonstrated limited efficacy, successfully removing an upper airway obstruction in only one out of 21 (4.8%) trials.

**Published in:** Resusc Plus. 2025 Sep 11;26:101099. doi: 10.1016/j.resplu.2025.101099. PMID: 41079548; PMCID: PMC12509167.

Haupt TL, Chionis L, Wang KH.

### Nodal metastasis in surgically treated sinonasal squamous cell carcinoma

**Major Findings:** Occult lymph node metastasis risk in sinonasal squamous cell carcinoma increases with age and presence of lymphovascular invasion.

**Published in:** Discov Oncol. 2025 Jul 14;16(1):1328. doi: 10.1007/s12672-025-02899-0. PMID: 40658184; PMCID: PMC12260143.

Hoerter JE, Tang SH, Eide JG, Salmon MK, Carey RM, Prasad A, Brant JA, Palmer JN, Adappa ND, Kshirsagar RS.

### Otolaryngology resident education: Beyond procedural case logs-a 10-year single institutional review

**Major Findings:** A review of resident clinic encounters showed that otologic and rhinologic diseases are the most frequently encountered outpatient diagnoses during training.

**Published in:** Otolaryngol Head Neck Surg. 2025 Mar;172(3):1077-1084. doi: 10.1002/ohn.1082. Epub 2025 Jan 5. PMID: 39756016.

Huynh PP, Malkin BD, Wang KH.

### Prognosis of audiologic recovery from sudden sensorineural hearing loss following corticosteroid intervention: A retrospective chart review across multiple outcome measures

**Major Findings:** Initiating steroid therapy within 14 days of sudden sensorineural hearing loss onset is predictive of significantly better audiologic recovery.

**Published in:** Perm J. 2025 Jun 16;29(2):30-40. doi: 10.7812/TPP/24.127. Epub 2025 Mar 27. PMID: 40143599; PMCID: PMC12168040.

Huynh PP, Saba ES, Hoerter JE, Jiang N.

### Vocal fold injection and thyroplasty trends from 2012 to 2022 among Medicare beneficiaries

**Major Findings:** A significant trend toward more laryngeal procedures was observed, particularly bilateral injection laryngoplasty being performed in office-based settings.

**Published in:** Laryngoscope. 2025 Oct 27. doi: 10.1002/lary.70226. Epub ahead of print. PMID: 41144826.

Huynh PP, Sung CK, Jiang N.

### The impact of body mass index on adverse events following facial feminization surgery

**Major Findings:** While higher body mass index did not significantly predict overall adverse events in multivariate models, older age was identified as a significant risk factor for complications following facial feminization surgery.

**Published in:** Facial Plast Surg Aesthet Med. 2025 Aug 8. doi: 10.1177/26893614251366994. Epub ahead of print. PMID: 40781745.

Jain-Poster K, Garabet R, Nishikawa J, Herr S, Ostad T, Camacho J, Brandstetter K, Kleinberger A, Shih C.

### Sinonasal inverted papilloma and clinical significance of dysplasia: A multi-institutional study

**Major Findings:** Severe dysplasia in sinonasal inverted papilloma is associated with high recurrence rates and multifocal attachment, suggesting a need for a two-tiered grading system for patient counseling.

**Published in:** Laryngoscope. 2025 Nov 22. doi: 10.1002/lary.70263. Epub ahead of print. PMID: 41273225.

Kim AH, Tham T, Giannaris PS, Kokabee M, Wilensky J, Tsang C, Wang BY, Panara K, Kuan EC, Papagiannopoulos P, Tajudeen B, Eide JG, Craig JR, Kshirsagar RS, Christian Z, Ocke TB, Fastenberg JH, Chaskes MB, Pollack AZ, Har-El G, Cui S, Guerrero D, Ahn S, Oh EJ, Workman AD, Kohanski MA, Douglas J, Robertson ES, Jalaly J, Adappa ND, Palmer JN, Tong CCL.

### How important is the tragus in ear reconstruction? An eye-tracking study

**Major Findings:** Eye-tracking data indicates that while the tragus is not essential for facial recognition, its absence leads to significantly more visual attention on the ear canal in close-up views.

**Published in:** Facial Plast Surg Aesthet Med. 2025 Dec 22. doi: 10.1177/26893614251407684. Epub ahead of print. PMID: 41460680.

Losorelli S, Le B, Bahl M, Chang KW, Most SP, Truong MT.



### Unmasking risk factors for post-COVID19 olfactory dysfunction resulting from early stages of the pandemic: A case-control study of lost and lingering smells

**Major Finding:** Younger age, female sex, atopic conditions, and hospitalization conferred the highest likelihood of developing olfactory dysfunction after COVID-19 infection.

**Published in:** Perm J. 2025 May 20:1-12. doi: 10.7812/TPP/25.010. Epub ahead of print. PMID: 40390375.

Stephanian B, Hoerter J, Wei J, Pellizzari R, Liang J.

### Adverse events of mepolizumab in the treatment of nasal polyps: A FDA database evaluation

**Major Findings:** Mepolizumab treatment for nasal polyps is associated with fewer adverse reactions than for asthma, though concurrent asthma increases the risk and severity of complications.

**Published in:** Am J Otolaryngol. 2025 Jan-Feb;46(1):104517. doi: 10.1016/j.amjoto.2024.104517. Epub 2024 Nov 26. PMID: 39616011.

Stephanian B, Liu K, Salazar AM, Saba E, Liang J.

### Utilization of artificial intelligence in the creation of patient information on laryngology topics

**Major Findings:** Patient information generated by ChatGPT is written at a higher reading grade level and is less easy to read than materials from professional medical organizations, despite providing similar quality.

**Published in:** Laryngoscope. 2025 Apr;135(4):1295-1300. doi: 10.1002/lary.31891. Epub 2024 Nov 6. PMID: 39503508.

Tran QL, Huynh PP, Le B, Jiang N.

### The safety and efficacy of perioperative NSAID usage in rhinoplasty – a systematic review

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

Deckard E, Jain Poster K, Rivero A.

### **Sucralfate for post-tonsillectomy pain: A systematic review and meta-analysis**

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

**Del Mundo N.**

### **Unmasking risk factors for post-covid19 olfactory dysfunction: A case-control study of lost and lingering smells**

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

**Hoerter J.**

### **Consumer trends in pediatric nasal foreign bodies: A 20-year national review of emergency department visits**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Huynh P, Collazo S, Schloegel L, Liang J.**

### **30-day outcomes and opioid prescriptions following outpatient rigid endoscopic Zenker's diverticulectomy and cricopharyngeal myotomy**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Huynh P, Jiang N.**

### **It's all about the DUP: A bibliometric analysis of research interest in dupilumab for chronic rhinosinusitis with nasal polyposis**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Huynh P, Kshirsagar R, Liang J.**

### **Utilization patterns of vocal cord injection and thyroplasty procedures from 2012 to 2022 in the Medicare population**

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

**Huynh P.**

### **Radiologic evidence of delayed frontal sinus disease after feminizing frontal cranioplasty**

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

**Jain-Poster K.**

### **Risk of no residual disease from head and neck BCC excisions following shave biopsy**

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

**Le B.**

### **Core needle biopsy versus fine needle aspiration for cervical lymphadenopathy: A meta-analysis and systematic review**

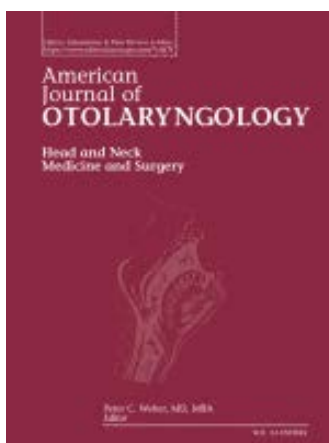
**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Moufarrej S, Bal K, Rivero A, Wang K.**

### **Topical tetracaine for adult post-tonsillectomy pain**

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

**S Collazo.**



### Age-stratified analysis of imaging utility in suspected retrocochlear pathology

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

Saba E.

### Improving resident follow-up on intraoperative pathology and culture data

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

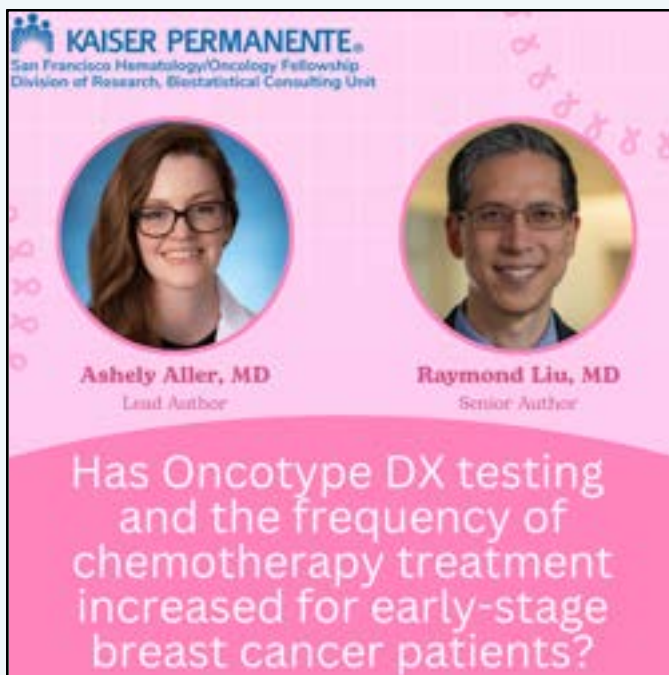
Zheng H, Wang K.

### Digital versus traditional otoscopy in the pediatric primary care clinic

**Presented at:** Bay Area Residents' Research Symposium in Otolaryngology – Head and Neck Surgery, May 9, 2025.

Zheng H.

## Hematology Oncology



### Is age just a number? Oncotype DX testing and chemotherapy use in the post-TAILORx era

**Major Finding:** Younger age was associated with more frequent Oncotype DX testing in breast cancer patients, and the impact of this testing on subsequent chemotherapy use varied significantly across different age groups.

**Published in:** Cancer. 2025 Dec 15;131(24):e70218. doi: 10.1002/cncr.70218. PMID: 41385405.

Aller A, Zhu S, Lyon L, Habel LA, Shirazi A, Casey SD, Liu R.



## **Beyond the 5-year mark: Adherence to and continuation of extended adjuvant endocrine therapy in non-metastatic breast cancer patients**

**Major Finding:** Adherence to, and continuation of, extended adjuvant endocrine therapy dropped dramatically in breast cancer patients between the fifth and sixth years of treatment.

**Published in:** Breast Cancer Res Treat. 2025 Nov;214(2):239-246. doi: 10.1007/s10549-025-07811-6. Epub 2025 Aug 27. PMID: 40866758.

**Wei J, Aller A, Zhu S, Habel L, Lee C, Shan J, Achacoso N, Shirazi A, Emerson M, Liu R.**

## **Evaluating the feasibility of a peer-support group for patients with cancer (presently)**

**Presented at:** American Society of Clinical Oncology Annual Meeting, June 2, 2025.

**Anderson B, Philip E, Egorova O, Hadaegh S, Zhang V, Zhu S, Auranicky J, Cangin M, Gayhart S, Liu R.**

## **Unveiling the hidden burden: Prevalence and disparities of cancer diagnosed in emergency and hospital settings**

**Presented at:** American Society of Clinical Oncology Annual Meeting, June 2, 2025.

**Anderson B, Zhang V, Zhu S, Tamima S, Vinson D, Liu R.**

## **Implementation of a breast cancer survivorship needs assessment tool, an ASCO quality training program initiative**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Ghatge M, Tahir N, Zhu S, Srivastava P, Liu R.**

# Internal Medicine

## Enhancing risk stratification for incident systolic heart failure through machine learning and natural language processing

**Major Findings:** Risk models derived from electronic health record data and natural language processing predicted heart failure outcomes more accurately than traditional claims-based approaches.

**Published in:** Am Heart J. 2026 Feb;292:107280. doi: 10.1016/j.ahj.2025.09.012. Epub 2025 Sep 22. PMID: 40992645.

**Adatya S, Naidu AS, Lee KK, Ambrosy AP, Axelrod AW, Dinh HH, Au E, Bhatt AS, Tan TC, Parikh RV, Go AS.**

## Eosinophilia associated with nintedanib therapy

**Major Findings:** This case report identifies nintedanib as a possible cause of immune-mediated eosinophilia and liver enzyme abnormalities that resolved upon drug discontinuation.

**Published in:** Respir Med Case Rep. 2025 Oct 2;58:102297. doi: 10.1016/j.rmcr.2025.102297. PMID: 41127528; PMCID: PMC12538094.

**Banafshay K, Mutneja R.**

## Mycosis fungoides unmasked by tralokinumab treatment for atopic dermatitis

**Major Findings:** This case report describes a fatal progression of mycosis fungoides that was potentially unmasked during tralokinumab treatment for atopic dermatitis.

**Published in:** JAAD Case Rep. 2025 Apr 17;61:85-88. doi: 10.1016/j.jdcrr.2025.03.030. PMID: 40538794; PMCID: PMC12176683.

**Basrai S, Gomez-Lara AR, Dahabreh D, De Feraudy S, Tsai EY, McCleskey PE.**

## Noteworthy - Integration of ambient AI scribe technology in internal medicine residency clinic

**Major Findings:** The implementation of an ambient artificial intelligence scribe in a residency clinic significantly reduced residents' after-hours charting, particularly for documentation of the history of present illness.

**Published in:** J Gen Intern Med. 2025 Nov 4. doi: 10.1007/s11606-025-09932-6. Epub ahead of print. PMID: 41188664.

**Chen JL, Tran HN, Brickner LA, Ramalingam ND, Luxenberg A.**

## A brief review of the Mediterranean diet's role in mediating inflammation and in management of rheumatoid arthritis

**Major Findings:** While components of the Mediterranean diet reduce inflammatory markers, clinical evidence regarding its impact on rheumatoid arthritis symptom severity remains uncertain.

**Published in:** Perm J. 2025 Dec 15;29(4):134-139. doi: 10.7812/TPP/25.038.  
Epub 2025 Sep 22. PMID: 40977159; PMCID: PMC12703526.

Chen JL, Tran HN, Liu L.

## Atopic dermatitis prevalence among Asian American and Pacific Islander children: A retrospective study in a Northern California health care system

**Major Findings:** Asian American and Pacific Islander (AAPI) children have significantly higher rates of atopic dermatitis compared to European American children, independent of neighborhood socioeconomic status.

**Published in:** J Am Acad Dermatol. 2025 Jun;92(6):1413-1416. doi: 10.1016/j.jaad.2025.02.016.  
Epub 2025 Feb 9. PMID: 39933612.

Dahabreh D, Lo JC, Chandra M, Chiou AS, McCleskey PE, Darbinian JA, Ko J, Arroyo AC.



## Racial and ethnic differences in the prevalence of alopecia areata in contemporary pediatric practice

**Major Finding:** A substantial and disproportionate burden of alopecia areata was observed among Black, Hispanic, and several Asian and Pacific Islander pediatric subgroups compared to non-Hispanic White children.

**Published in:** Pediatr Dermatol. 2025 May 23. doi: 10.1111/pde.15993. Epub ahead of print. PMID: 40406966.

Dani A, Lo J, Darbinian J, Ramalingam N, Mirmirani P.

## Collagenous gastritis: A rare cause of hemorrhagic shock

**Major Findings:** This case report describes a rare instance of massive gastrointestinal hemorrhage resulting from collagenous gastritis, a condition that typically manifests as diarrhea or anemia.

**Published in:** ACG Case Rep J. 2025 Jul 7;12(7):e01762. doi: 10.14309/crj.0000000000001762. PMID: 40626264; PMCID: PMC12233915.

**Davis BG, Goldman ML, Cherny SC, Lam AY, Fox JM.**



## Telehealth and health care contact days among patients with advanced cancer after COVID-19



**Major Finding:** For patients with advanced cancer, time spent in contact with the healthcare system remained high after the onset of the COVID-19 pandemic, with increases in telehealth and emergency department visits offsetting decreases in in-person outpatient visits.

**Published in:** JAMA Netw Open. 2025 Jun 2;8(6):e2516762. doi: 10.1001/jamanetworkopen.2025.16762. PMID: 40540268; PMCID: PMC12181790.

**Duffens A, Zhu S, Shirazi A, Gupta A, Liu R.**

**Honorable mention for 2025 Learning Health System Outstanding Paper Award, Resident Category**

## Global survey of anesthesia breathing circuit reuse: A neglected opportunity for U.S. health care to reduce climate impact

**Published in:** Anesthesiology. 2025 Jul 1;143(1):206-208. doi: 10.1097/ALN.0000000000005462. Epub 2025 May 20. PMID: 40391986.

**Gandhi S, Wang K, Young C, Clarke AL, Gropper MA, Lakatos K, Lipnick MS, Sasaki Russell J, Prakash A, Gelb AW.**



## Incident heart failure in adults with mild to moderate chronic kidney disease

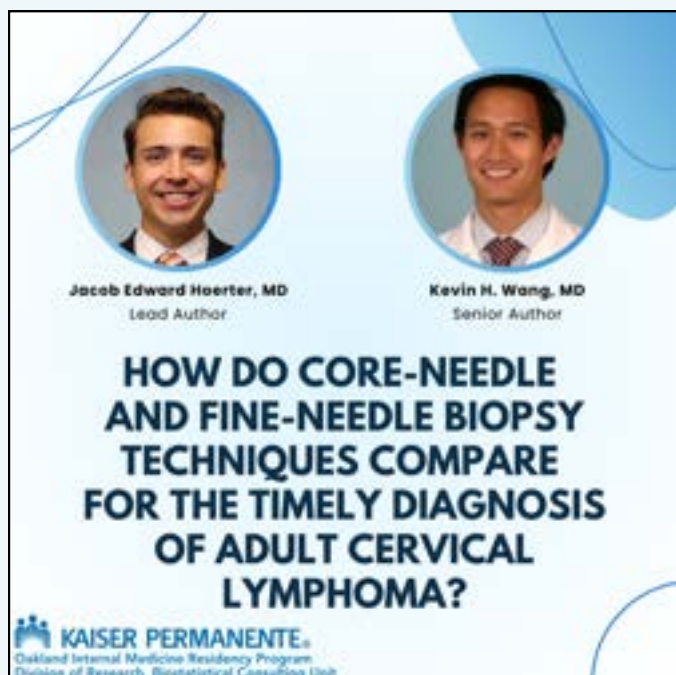


**Major Finding:** Characterizes the incidence of heart failure across different ejection fraction levels in a diverse population with early-stage chronic kidney disease.

**Published in:** JACC Heart Fail. 2026 Jan;14(1):102616. doi: 10.1016/j.jchf.2025.102616. Epub 2025 Sep 1. PMID: 40888788.

Girouard MP, Go AS, Liu JY, Parikh RV, Tan TC, Lee ES, Sun G, Halaseh R, Bhatt AS, Pravoverov L, Zheng S, Svetlichnaya J, Fitzpatrick JK, Avula HR, Lee KK, Adatya S, Ouyang D, Goyal P, Sandhu AT, Ambrosy AP.

**First-place winner of 2025 Learning Health System Outstanding Paper Award, Fellow Category**



## Comparative analysis of biopsy techniques for cervical lymphoma: A retrospective cohort review

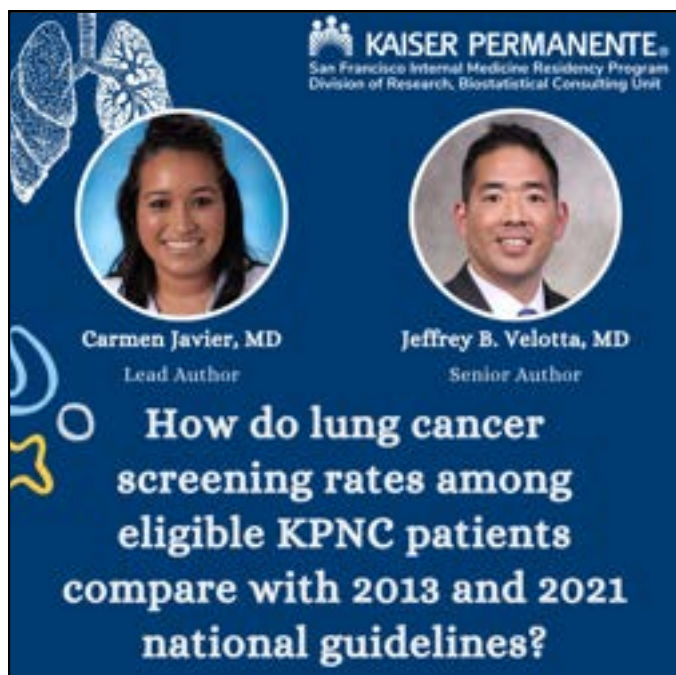


**Major Finding:** Core-needle biopsy was a more efficient tool than fine-needle aspiration in diagnosing lymphoma that presents as a neck mass, leading to fewer repeat biopsies and earlier diagnosis.

**Published in:** Perm J. 2025 Mar 14;29(1):108-113. doi: 10.7812/TPP/24.096. Epub 2025 Feb 5. PMID: 39905864; PMCID: PMC11907659.

Hoerter JE, Lynch AD, Folck BF, Anderson M, Kshirsagar RS, Gilde J, Baer D, Lo JC, Wang KH.

**Honorable mention for 2025 Learning Health System Outstanding Paper Award, Resident Category**



## Evaluating lung cancer screening disparities in an integrated healthcare system: Barriers and opportunities



**Major Finding:** Annual lung cancer screening rates were low and factors such as older age, male sex, and non-Hispanic White race are the strongest predictors of screening uptake in an integrated healthcare system.

**Published in:** Front Oncol. 2025 Aug 22;15:1601458. doi: 10.3389/fonc.2025.1601458. PMID: 40919136; PMCID: PMC12411495.

Javier C, Jiang SF, Philippe J, Arana I, Velotta J.

Honorable mention for 2025 Learning Health System Outstanding Paper Award, Resident Category

## Real-world treatment patterns and outcomes of zanubrutinib in chronic lymphocytic leukemia and small lymphocytic leukemia (CLL/SLL)

**Major Findings:** Real-world data confirms that zanubrutinib is an effective and safe treatment for chronic lymphocytic leukemia and small lymphocytic leukemia, showing lower cardiac toxicity rates compared to first-generation Bruton tyrosine kinase inhibitors.

**Published in:** Cancer Med. 2025 Oct;14(20):e71300. doi: 10.1002/cam4.71300. PMID: 41090691; PMCID: PMC12522175.

Krackeler ML, Chee BH, Orchanian AK, Liu R, Law L, Zhu S, Zhu Z, Sakoda LC, Buchanan S, Massoudi M, Lopez A, Tavakoli J.

## Screening colonoscopy yields among adults aged 45 to 49 years after lowering the colon cancer screening age

**Major Findings:** People ages 45-49 have slightly lower but similar rates of precancerous colon growths compared to those 50-54, supporting starting screening at age 45 without changing current detection standards.

**Published in:** JAMA. 2025 Aug 5;334(5):449-452. doi: 10.1001/jama.2025.7494. PMID: 40455624; PMCID: PMC12131172.

Lee JK, Jensen CD, Hendel J, Udaltsova N, Corley DA, Levin TR.



### Guideline-directed medical therapy and outcomes among patients with heart failure with improved ejection fraction

**Major Finding:** Over 30% of heart failure patients experience significant ejection fraction improvement within 12 months, yet they remain at high risk, particularly if medical therapy is withdrawn.

**Published in:** J Am Coll Cardiol. 2025 Aug 5;86(5):338-350. doi: 10.1016/j.jacc.2025.05.040. PMID: 40738561.

Min KH, Go AS, Lee K, Parikh RV, Horiuchi KM, Ambrosy AP, Tan TC, Srikanth K, Hamilton SA, Svetlichnaya J, Solomon SD, Inciardi RM, Vardeny O, Vasti E, Sandhu AT, Ku IA, Adatya S, Bhatt AS.

**First-place winner of 2025 Learning Health System Outstanding Paper Award, Resident Category**

### Clinical characteristics, early GDMT initiation, and likelihood of heart failure with improved ejection fraction

**Published in:** J Card Fail. 2025 Nov 8;S1071-9164(25)00519-6. doi: 10.1016/j.cardfail.2025.10.016. Epub ahead of print. PMID: 41213320.

Min KH, Go AS, Parikh RV, Ambrosy AP, Tan TC, Adatya S, Lee K, Sandhu AT, Svetlichnaya J, Vaduganathan M, Solomon SD, Ouyang D, Ku IA, Bhatt AS.

### Acute severe ulcerative colitis in the modern era spotlight on opioids, small molecule therapy, and interdisciplinary communication

**Major Findings:** This case report demonstrated that managing acute severe ulcerative colitis is evolving to include opioid-sparing protocols to prevent complications like narcotic bowel syndrome and the use of oral Janus kinase (JAK) inhibitors for treatment failure.

**Published in:** Dig Dis Sci. 2025 Jul;70(7):2297-2301. doi: 10.1007/s10620-025-08947-7. Epub 2025 Apr 2. PMID: 40172747.

Mulanax C, Velayos FS.

**Author spotlight: Dr. Catalina Mulanax, MD**

**Published in:** Dig Dis Sci. 2025 Jul;70(7):2302. doi: 10.1007/s10620-025-08994-0.  
Epub 2025 Mar 28. PMID: 40153240.

Mulanax C.

**Early in-hospital treatment of acute heart failure. Part 2 of the international expert opinion series on AHF management**

**Major Findings:** The international expert framework for acute heart failure emphasizes rapid decongestion with high-dose intravenous diuretics and the early initiation of guideline-directed medical therapy.

**Published in:** ESC Heart Fail. 2025 Dec;12(6):3826-3843. doi: 10.1002/ehf2.15389.  
Epub 2025 Sep 27. PMID: 41014641; PMCID: PMC12719859.

Naidu AS, Ambrosy AP, Cotter G, Bocchi EA, Butler J, Chioncel O, Davison B, Dzudie A, Freund Y, Fudim M, Harikrishnan S, Cunha IG, Mebazaa A, Mentz RJ, Miró Ò, Nauli SE, Agnesi M, Sato N, Savarese G, Sliwa-Hahnle K, Zhang Y, Zhou J, Biegus J.



**Evaluating the role of palliative care in emergency department opioid use among advanced cancer patients**



**Major Finding:** Enrollment in palliative care was associated with a 24% to 31% lower prevalence of opioid administration during emergency department visits for patients with advanced cancer.

**Published in:** Support Care Cancer. 2025 Jul 19;33(8):706. doi: 10.1007/s00520-025-09711-3. PMID: 40684033.

Nortey J, Zhu S, Lynch A, Whitehead H, Liu R.

Honorable mention for 2025 Learning Health System Outstanding Paper Award, Fellow Category

**Special topics: Heart failure-related cardiogenic shock, valvular heart disease and end-stage renal disease. Part 4 of the International Expert Opinion Series on Acute Heart Failure Management**

**Major Findings:** This review provides an evidence-based framework for managing acute heart failure when complicated by cardiogenic shock, valvular disease, or end-stage renal disease.

**Published in:** Heart Fail Rev. 2025 Dec;30(6):1559-1589. doi: 10.1007/s10741-025-10568-1. Epub 2025 Oct 17. PMID: 41102558.

Pagnesi M, Riccardi M, Cotter G, Lima IGCV, Davison B, Ambrosy AP, Biegus J, Bocchi EA, Butler J, Dzudie A, Freund Y, Fudim M, Harikrishnan S, Mentz RJ, Miró Ò, Naidu AS, Nauli SE, Sato N, Savarese G, Sliwa-Hahnle K, Zhang Y, Zhou J, Mebazaa A, Chioncel O.

**Sex disparity in survival outcomes of advanced gastric adenocarcinoma**

**Major Findings:** Males with advanced gastric adenocarcinoma have better overall survival than females, a disparity partially driven by specific molecular subgroups like p53 mutations.

**Published in:** BJC Rep. 2025 Aug 29;3(1):58. doi: 10.1038/s44276-025-00173-y. PMID: 40883601; PMCID: PMC12397262.

Pan M, Tong MM, Stover J, Huang T, Dang A, Jiang C, Achacoso NS, Bien J, Solorzano AV, Tse P, Chung E, Kanakaveti VP, Felsher D, Fisher GA Jr, Thomas S, Habel L.

**Predictors of permanent pacemaker implantation following valve-in-valve transcatheter aortic valve replacement**

**Major Findings:** Pre-existing bifascicular block and greater septal implantation depth are key predictors for requiring a permanent pacemaker after valve-in-valve aortic valve replacement.

**Published in:** J Cardiovasc Electrophysiol. 2025 Dec;36(12):3299-3309. doi: 10.1111/jce.70139. Epub 2025 Oct 13. PMID: 41084173.

Quelal Analuisa K, Arya N, Donisan T, Harmon D, Alkhouli M, Sugrue AM, Cha YM, Mackram EF, Deshmukh AJ.

**Unmasking pheochromocytoma, a rare case of diabetic ketoacidosis as the first clue**

**Major Findings:** This case report demonstrates that pheochromocytoma can uniquely present as new-onset diabetes with diabetic ketoacidosis, which resolves following the surgical removal of the adrenal mass.

**Published in:** JCEM Case Rep. 2025 Jun 24;3(8):luaf135. doi: 10.1210/jcemcr/luaf135. PMID: 40584808; PMCID: PMC12206096.

Saba D, Khan MM, Vu JA.

### Optimizing pre-to-post discharge transition of care in patients hospitalized for heart failure - part 3 of the international expert opinion series on acute heart failure management

**Major Findings:** A structured transition approach for heart failure patients—prioritizing decongestion, early follow-up, and multidisciplinary care—is essential to reduce readmissions.

**Published in:** J Card Fail. 2025 Sep 28:S1071-9164(25)00433-6.

doi: 10.1016/j.cardfail.2025.09.020. Epub ahead of print. PMID: 41027508.

Salah HM, Ambrosy AP, Biegus J, Bocchi EA, Butler J, Chioncel O, Cotter G, Davison B, Dzudie A, Freund Y, Harikrishnan S, Lima IGCV, Mebazaa A, Mentz RJ, Miró Ò, Naidu AS, Nauli SE, Pagnesi M, Riccardi M, Sato N, Savarese G, Sliwa-Hahnle K, Zhang Y, Zhou J, Fudim M.

### Value-based care training in graduate medical education: A review of the past, current barriers, and future directions

**Major Findings:** While value-based care is essential for physician training, formal residency curricula remain inconsistent, highlighting a need for specialty-specific education and faculty development.

**Published in:** Perm J. 2025 Nov 28:1-5. doi: 10.7812/TPP/25.088. Epub ahead of print. PMID: 41311223.

Shin E, Ramalingam ND, Tran HN.

### A healthcare system's path to carbon neutrality: Addressing climate change and role of the health care

**Major Findings:** Kaiser Permanente achieved carbon neutrality through comprehensive initiatives including on-site solar power, sustainable supply chains, and Leadership in Energy and Environmental Design (LEED)-certified facility construction.

**Published in:** AJPM Focus. 2025 Jun 6;4(4):100377. doi: 10.1016/j.focus.2025.100377. PMID: 40688472; PMCID: PMC12275102..

Shin ED, Hemstreet R, Alexeeff S, Wadwa SS, Rana JS.

### Cardiac paraganglioma discovered incidentally

**Major Findings:** This case report underscores that cardiac paragangliomas, though rare and potentially asymptomatic, require advanced imaging and serological testing for accurate diagnosis.

**Published in:** JACC Case Rep. 2025 Sep 10;30(27):104998. doi: 10.1016/j.jaccas.2025.104998. Epub 2025 Aug 7. PMID: 40778906; PMCID: PMC12789740.

Srikanth K, Min K, Lien T, Colicci S, Wheeler A, Hernandez S, Ting J.



## Lung cancer screening disparities in Asian American subgroups in a large integrated health system

**Major Finding:** Significant heterogeneity exists in lung cancer screening rates among disaggregated Asian American subgroups, highlighting the need for culturally sensitive interventions to address population-specific disparities.

**Published in:** Am Surg. 2025 Jun 24;31348251353073. doi: 10.1177/00031348251353073. Epub ahead of print. PMID: 40551614.

Tivakaran S, Raghu J, Leung J, Tong KS, Panyanouvong N, Javier C, Jiang SF, Uy LA, Jamal A, Srinivasan M, Rajeshuni N, Kim G, Huang R, Palaniappan L, Velotta J.



## Tuberculosis and chronic hepatitis B virus infection screening among non-US-born persons in an integrated health system in California



**Major Finding:** Low screening rates and high prevalence of tuberculosis and hepatitis B were found among high-risk non-US-born populations in California, suggesting a need for increased co-testing.

**Published in:** Open Forum Infect Dis. 2024 Sep 3;11(9):ofae484. doi: 10.1093/ofid/ofae484. PMID: 39296340; PMCID: PMC11409871.

Wick JM, Ni Y, Halmer N, Wong RJ, Chitnis AS, Jaganath D, Krueger AL, Skarbinski J.

**Second-place winner of 2025 Learning Health System Outstanding Paper Award, Resident Category**

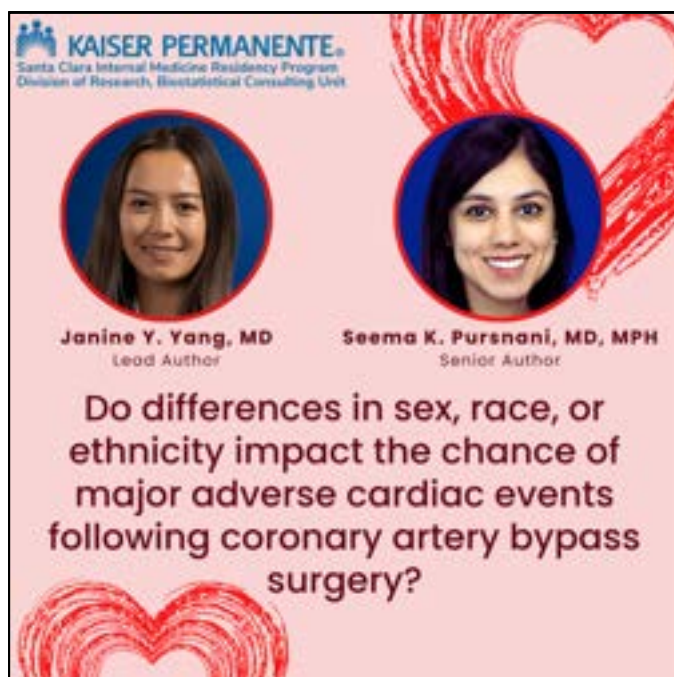


**The impact of the COVID-19 pandemic shelter in place on glycemic control, blood pressure control, and body mass index among diabetic patients at Kaiser Permanente Northern California: A retrospective cohort study**

**Major Finding:** While several diabetes health management metrics worsened overall during California's shelter-in-place order, patients who previously had the highest HbA1c levels showed clinically significant improvement.

**Published in:** BMC Public Health. 2025 Feb 28;25(1):816. doi: 10.1186/s12889-025-21916-z. PMID: 40022046; PMCID: PMC11869442.

**Yamamoto K, Merchant M, Bommireddi A, Vu J, Pursnani SK.**



**Influence of sex and race or ethnicity on major adverse cardiovascular outcomes following coronary artery bypass surgery in a large integrated healthcare system**

**Major Finding:** Females and Black patients experience higher rates of adverse outcomes after coronary artery bypass surgery, with differences largely driven by an increased burden of pre-existing risk factors.

**Published in:** J Am Heart Assoc. 2025 Oct 7;14(19):e042071. doi: 10.1161/JAHA.125.042071. Epub 2025 Sep 19. PMID: 40970524.

**Yang J, Stram D, Doan J, Fairman A, Merchant M, Triplett C, Sheikh A, Ha R, Pursnani S.**



**The prevalence of autoimmune hepatitis is rising: Estimates and trends from a large, multi-ethnic cohort in the United States**

**Major Finding:** The prevalence of autoimmune hepatitis doubled over a decade, with the most pronounced increases observed among older populations, and among Black and Hispanic individuals.

**Published in:** Hepatol Commun. 2025 Oct 7;9(11):e0824. doi: 10.1097/HC9.0000000000000824. PMID: 41056496; PMCID: PMC12506987.

**Yao J, Jiang SF, Kapoor C, Balasubramanian S, Ramalingam N, Saxena V, Radhakrishnan K.**

#### **A spotlight on congestion in acute heart failure: A joint session with the Romanian Society of Cardiology (part I)**

**Major Findings:** Expert clinicians identified the need for enhanced diuresis and personalized hemodynamic profiling to restore euvolemia and improve outcomes in acute heart failure.

**Published in:** Heart Fail Rev. 2025 Sep;30(5):883-898. doi: 10.1007/s10741-025-10515-0. Epub 2025 Apr 29. PMID: 40299252.

**Ye L, Chang AJ, Chioncel O, Antohi EL, Geavlete O, Abdelhamid M, Adamo M, Biegus J, Chopra V, Cotter G, Grupper A, Lainscak M, Mebazaa A, Palazzuoli A, Rosano G, Savarese G, Collins SP, Hamilton SA, Ambrosy AP.**

#### **Worsening heart failure events in adults with mild-to-moderate chronic kidney disease**

**Major Findings:** Adults with earlier stages of chronic kidney disease face a significant burden of worsening heart failure, with risk increasing at lower kidney function and higher albuminuria levels.

**Published in:** Am Heart J. 2026 Feb;292:107290. doi: 10.1016/j.ahj.2025.107290. Epub 2025 Oct 17. PMID: 41110741.

**Ye L, Girouard MP, Go AS, Liu JY, Parikh RV, Tan TC, Lee ES, Sun G, Halaseh R, Bhatt AS, Pravoverov L, Zheng S, Svetlichnaya J, Fitzpatrick JK, Avula HR, Lee KK, Adatya S, Ouyang D, Goyal P, Sandhu AT, Ambrosy AP.**

### **Survival with severe morbidity after massive amlodipine overdose requiring veno-arterial ECMO**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Al-Obaidi A, Nasiri HU.**

### **Sociodemographic disparities among patients referred externally for clinical trials in a large community oncology setting**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Awards, May 21, 2025.

**Amalraj J, Yang MZ, Zhu S, Zhong S, Liu R, Ragavan MV.**

### **Presently: Evaluating the feasibility of a peer-support group for patients with cancer**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Anderson B, Philip E, Egorova O, Hadaegh S, Zhang V, Zhu S, Auranicky J, Cangin M, Gayhart S, Liu R.**

### **Unveiling the hidden burden: Prevalence and disparities of cancer diagnosed in emergency and hospital settings**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025 and American Society of Clinical Oncology Quality Care Symposium, October 10-11, 2025.

**Anderson B, Zhang V, Zhu S, Tamima S, Vinson D, Liu R.**

### **Food allergy outcomes in patients on biologics for other conditions**

**Presented at:** American College of Allergy, Asthma & Immunology Annual Scientific Meeting, November 6-10, 2025.

**Bhatnagar S, Brown M, Hoffman B.**

### **Long-term outcomes following resection of large and complex colorectal polyps introduction**

**Presented at:** American College of Gastroenterology Annual Scientific Meeting and Postgraduate Course, October 24-29, 2025.

**Billett N, Zhu S, Lee J.**

### Granulomatous disease in common variable immunodeficiency (CVID): A rare etiology of hypercalcemia



**Presented at:** Northern California Chapter of American College of Physicians Meeting Poster Competition, Oct 12, 2025.

**Burke J, Smith A, Lo J, Arzumanyan H.**

**Northern California Chapter of American College of Physicians Meeting Poster Competition third-place winner in Clinical Vignettes**

### A case of ectopic Cushing's syndrome complicated by PJP PNA, RSV PNA with ARDS, and VZV vasculitis

**Presented at:** American Thoracic Society Meeting, May 16-21, 2025 and American College of Chest Physicians Annual Meeting, October 19-22, 2025.

**Chang A, Villar J, Bae T, Fan J, Arzumanyan H.**

### Demographic trends in pediatric weight status in a US healthcare population from 2021 to 2023

**Presented at:** Pediatric Academic Societies Meeting, April 24-28, 2025.

**Chang AJ, Darbinian JA, Seto BK, Gunderson EP, Lo JC.**



*Tanran [BSCU programmer] and [the] BSCU have been fantastic partners and collaborators, and without them I would be nowhere with my research... [Tanran] is able to be so independent yet collaborative and functions at an exceptional level and with ease and makes my life VERY EASY, so I love working with the BSCU team, [and] hope to have many more collaborations.*



**Jeffrey Velotta, MD**  
Thoracic Surgery  
East Bay

### Post-operative atrial arrhythmias after lung transplantation

**Presented at:** Northern California Chapter of American College of Physicians Meeting Poster Competition, Oct 12, 2025.

**Chen DM, Peigh G, Knight BP, Myers C, Betensley A, Warrior K, Bemiss BC, Al-Kazaz M.**

**Cecal loop and let go – A case of endoscopic loop ligation for ischemic ablation of a cecal GIST**

**Presented at:** Kaiser Permanente San Francisco Gastroenterology Fellowship Research Symposium, May 29, 2025.

**Chilakala A, Davis BG, Leung LJ, Adler EC, Gupta S, Karia K, Hamerski CM.**

**A case of pulmonary sequestration: An abnormal connection between the right and left lobes in an adult patient**

**Presented at:** American College of Chest Physicians Annual Meeting, October 19-22, 2025.

**Chow R, Cleland D, Ng D.**

**Ethnic variation in the prevalence of knee osteoarthritis among older U.S. Asian and Pacific Islander populations**

**Presented at:** American Society for Bone and Mineral Research, September 5-8, 2025.

**Costantini J, Darbinian J, Garcia E, Chandra M, Lo J.**

**Prevalence of osteoarthritis and associated risk factors among women initiating osteoporosis therapy**

**Presented at:** American Society for Bone and Mineral Research, September 5-8, 2025.

**Costantini J, Tabada G, Garcia E, Chandra M, Lo J.**

**Museum-based visual thinking strategies as an educational tool for pathology in skin of color**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Dani AA, Banerjee S.**

**Racial and ethnic differences in prevalence of alopecia areata in contemporary pediatric practice**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Dani AA, Lo JC, Darbinian JA, Ramalingam ND, Mirmirani P.**

**Consideration of inhaled volatile nitrates “poppers” in workup of hypoxemia**

**Presented at:** American Thoracic Society Meeting, May 16-21, 2025.

**Deng A, Cunningham A, Kwaan NJ.**

### **Consideration of inhaled volatile nitrates “poppers” in workup of hypoxemia**

**Presented at:** American Thoracic Society Meeting, May 16-21, 2025.

**Deng A, Cunningham A, Kwaan NJ.**

### **Evaluating the utility of routine survivorship exams in breast cancer: Modality of detection of recurrence in a prospective cohort study**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Awards, May 21, 2025.

**Duffens A, Laurent C, Ergas I, Roh JM, Kushi LH, Liu R.**

### **Time toxicity faced by patients with advanced cancer across primary cancer sites**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Duffens A, Zhu S, Shirazi A, Liu R.**

### **Double jeopardy: Coexistence of necrotizing fasciitis and pyoderma gangrenosum in a patient receiving G-CSF**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Feng S, Liu L, Sun J.**

### **Review of novel EHR checklist efficacy for minimizing hospital-acquired debility**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Fink E, Naveed M, Patel V.**

### **Enhancing board review using artificial intelligence (AI) and inservice exam results for hematology-oncology fellows**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Awards, May 21, 2025.

**Ghatge M, Katzel J, Lopez A.**

### **Trends in Hepatitis B vaccination among persons with diabetes, chronic liver disease, and chronic kidney disease using the National Health Interview Survey (2016-2018, 2021)**

**Presented at:** Northern California Society for Clinical Gastroenterology, May 20-21, 2025.

**Haysburt D, Wong R, Chitnis A.**

**The perfect storm: A rare case of HLH secondary to disseminated toxoplasmosis in a kidney transplant recipient**

**Presented at:** Northern California Chapter of American College of Physicians Meeting Poster Competition, Oct 12, 2025.

**Jalil S, Tamima S, Rajagopal S, Falahati V.**

**Mock code blue training for nursing staff at Kaiser Permanente Oakland**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Jordan M, Le P, Gomez I, Irungu E.**

**Medical care while black: Racism in medicine**

**Presented at:** Kaiser Permanente Oakland Internal Medicine Grand Rounds, October 16, 2025.

**Jordan M.**

**De-liver-ing the update on autoimmune hepatitis hospitalizations: Predictors and outcomes of hospitalization in a large, multi-ethnic and contemporary population in Northern California**

**Presented at:** Digestive Disease Week, May 4, 2025.

**Kapoor C, Jiang SF, Ramalingam N, Balasubramaniam S, Radhakrishnan K.**

**Clinical characteristics, treatment patterns, and outcomes among autoimmune hepatitis patients with later hospitalizations**

**Presented at:** American Association for the Study of Liver Diseases Liver Meeting, November 7-11, 2025.

**Kapoor C, Jiang SF, Ramalingam N, Balasubramanian S, Radhakrishnan K.**



Northern California Society  
for Clinical Gastroenterology

### **Trends in the prevalence of diagnosed inflammatory bowel disease among Asian subgroups in a large Northern California population**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Kapoor C, Wei J, Ramalingam N, Hassid B.**

### **Keeping you full and clear: Low residue diet prior to colonoscopy**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Kapoor C, Zhang S, Ramalingam N, Hassid B, Liverant M.**

### **Autoimmune hepatitis: An uncommon cause of elevated lfts**

**Presented at:** Kaiser Permanente Oakland Internal Medicine Grand Rounds, December 18, 2025.

**Kapoor C.**

### **An LLM-powered clinical calculator chatbot backed by verifiable clinical calculators and their metadata**

**Presented at:** American Medical Informatics Association Annual Symposium, November 14-18, 2025.

**Kumar N, Seifi F, Conte M, Flynn AJ.**

### **Long-term risk of colorectal cancer after removal of 3-4 non-advanced adenomas compared to advanced adenomas and 1-2 non-advanced adenomas**

**Presented at:** Digestive Disease Week, May 5, 2025.

**Lee J, Hendel J, Merchant S, Jensen C, Nugent J, Levin T, Udaltsova N, Badalov J, Corley D.**

### **Time-specific risk of thromboembolic and GI bleeding events following reinitiation of direct oral anticoagulants after elective colonoscopy**

**Presented at:** Digestive Disease Week, May 3-6, 2025.

**Leung LJ, Merchant SA, Thomas P, Jensen CD, Koripella P, Bal A, Oh A, Leung M, Lee JK.**

### **Empowering residents with culinary medicine: Impact on counseling confidence and habits**

**Presented at:** The Permanente Medical Group Lifestyle Medicine Conference, August 21, 2025.

**Li L, Hammack L, Maheshwari S, Bathan K, Yee K, Feng S, Collins A, Shah M, Pursnani SK, Triplett C, Muelly E.**

### **Impact of intensive lifestyle medicine programs on depressive symptoms in patients with cardiometabolic disease**

**Presented at:** American College of Lifestyle Medicine Conference, November 16-19, 2025.

**Li L, Saba D, Goyal R, Collins A, Davis-Maier J, Muelly E.**

### **Evaluating changes in depression among patients with diabetes enrolled in a lifestyle medicine program**

**Presented at:** The Permanente Medical Group Lifestyle Medicine Conference, August 21, 2025.

**Li L, Saba D, Kodani A, Jue MA, Maier-Davis J, Triplett C, Collins A, Muelly E.**

### **Persistent hypercalcemia and parathyromatosis: Insights from a decade-long clinical case**

**Presented at:** Endocrine Society Annual Meeting, July 12-15, 2025.

**Li L, Saba D, Vu JA.**

### **Prevalence, clinical characteristics, and outcomes in heart failure with improved ejection fraction by sex**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Liang Y, Lee K, Parikh R, Ambrosy A, Tan T, Hamilton S, Pabon M, Vardeny O, Naderi S, Ku I, Vasti E, Sandhu A, Go A, Adatya S, Bhatt A.**

### **Identifying cardiogenic shock: A quality improvement initiative**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Macko C, Angel F, Jordan M, Sahasrabudhe N, Villar J.**

### **Shock to the heart and the brain's to blame: NSTEMI after electroconvulsive therapy**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Magee K, Pursnani SK.**

### **Discussion on role of imatinib therapy in scleroderma with suspected PVOD**

**Presented at:** American Thoracic Society Conference, May 17-21, 2025.

**Maheshwari S, Getman T, Nasiri HU.**

### **The limits of anti-mitochondrial antibodies as a diagnostic tool for primary biliary cholangitis: A thirteen-year experience in a large healthcare system**

**Presented at:** American Association for the Study of Liver Diseases Liver Meeting, November 7-11, 2025.

**Majumdar A, Jain A, Leung M, Ramalingam N, Balasubramanian S, Wi S, Browne LW, Radhakrishnan K.**



Joan C. Lo, MD, is a Senior Research Scientist at the Kaiser Permanente Northern California Division of Research (KP DOR), with expertise in osteoporosis, obesity and cardiometabolic risk, polycystic ovary syndrome, and Asian health. She is board-certified in Internal Medicine, Endocrinology & Metabolism, and Lifestyle Medicine, and serves as Assistant Program Director for the KP Oakland Internal Medicine Residency Program.

After completing her endocrinology fellowship at the University of California, San Francisco (UCSF) in 2004, Dr. Lo joined KP DOR to lead research in endocrinology and women's health. She later joined KP Oakland Medical Center, where she supports the Endocrinology Clinic and residency training. She also serves as Professor of Health Systems Science at the KP Bernard J. Tyson School of Medicine and as a volunteer Clinical Professor of Medicine at UCSF.

### **Shots fired: Advancing immunity through vaccination**

**Presented at:** Kaiser Permanente Oakland Internal Medicine Grand Rounds, September 18, 2025.

**Majumdar A.**

### **Racial/ethnic prevalence of inflammatory bowel disease in a community-based integrated healthcare system in Northern California**

**Presented at:** American College of Gastroenterology Annual Scientific Meeting and Postgraduate Course, October 24-29, 2025.

**Mulanax C, Naveed M, Velayos F.**

### **Amoxicillin-induced aseptic meningitis**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Muniz J, Knueppel R.**

### **Stranger danger – a case report of transient radiographic foreign bodies due to bismuth subsalicylate ingestion**

**Presented at:** Digestive Disease Week, May 3-6, 2025.

**Murphy R, Ingraham A, Tran NH.**

### **Fibrosis at first glance: Clinical characteristics and outcomes of adults with autoimmune hepatitis with and without cirrhosis at diagnosis in a diverse U.S. cohort**

**Presented at:** American Association for the Study of Liver Diseases Liver Meeting, November 7-11, 2025.

**Murphy R, Jiang SF, Balasubramnian S, Ramalingam N, Radhakrishnan K.**

### **Epidemiology and outcomes of primary sclerosing cholangitis in an integrated healthcare system**

**Presented at:** American Association for the Study of Liver Diseases Liver Meeting, November 7-11, 2025.

**Murphy R, Siavoshi M, Ramalingam N, Hassid B.**

## Enhancing IBS management: A standardized gastroenterologist-led IBS group education approach

**Presented at:** Digestive Disease Week, May 3-6, 2025.

**Murphy RP, von Coll S, Fine L, Geoffroy D, Ramalingam N, Hassid BG.**

## Obesity prevalence differs by Asian ethnicity across the adult lifespan

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025 and Kaiser Permanente Northern California Cardiovascular Research Symposium, May 9, 2025.

**Naidu A, Gordon N, Ramalingam N, Njuguna V, Shin E, Majid I, Lo JC.**

**KP East Bay Academy of Medical Educators Outstanding Resident Project Award**



## Persistently high risk of polycystic ovary syndrome among U.S. adolescent females of Asian ethnicity independent of weight status

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Naidu A, Greenspan LC, Darbinian JA, Naderi S, Ramalingam ND, Loo JC.**

## Improving statin prescribing for patients living with HIV at KP East Bay and San Francisco

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Njuguna V, Hawkins J, Ramalingam N, Luu M.**

## Spanish language preference is not associated with prediabetes risk in Hispanic Latino adolescents with overweight or obesity in an integrated healthcare system

**Presented at:** American Heart Association EPI|Lifestyle Scientific Sessions, March 6-9, 2025.

**Njuguna V, Lo J, Darbinian J, Ramalingam N, Nash S, Rodriguez L.**



**Variation in hypertensive blood pressure and association with body mass index in a disaggregated population of Asian and Pacific Islander adolescents**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Njuguna V, Zhang S, Darbinian J, Ramalingam N, Naderi S, Shin E, Lo J.**

**Variation in hypertensive blood pressure among Asian and Pacific Islander adolescents**

**Presented at:** Kaiser Permanente Northern California Cardiovascular Research Symposium, May 9, 2025.

**Njuguna VJ, Zhang S, Darbinian J, Ramalingam N, Naderi S, Shin E, Lo JC.**



**Naomi Adler, MD**  
Emergency Medicine  
San Francisco



*The BSCU provides exceptional consultation and statistical support. The BSCU's commitment to support faculty and learners in developing and executing research enables the Patient Safety Fellows to complete high quality clinically impactful research. We are very grateful for their ongoing partnership and support.*



**Valvular heart disease during pregnancy: Outcomes from a large integrated healthcare system**

**Presented at:** American College of Cardiology Scientific Sessions, March 29, 2025.

**Palakodeti S, Triplett C, Stram D, Stephenson M, Pursnani S.**

**Lifestyle medicine gaps and interest among older adult women**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Qian CY, Lo JC, Gordon NP.**

**Point-of-care social needs screening and resource navigation for patients with cancer undergoing active treatment: a pilot initiative**

**Presented at:** American Society of Clinical Oncology Annual Meeting, May 28, 2025.

**Ragavan M, Shieh C, Egorova O, Weber A, Bueno A, Liu R.**

**Metastatic thyroid involvement in HER2-positive breast cancer mimicking primary thyroid**

**Presented at:** Endocrine Society Annual Meeting, July 12-15, 2025.

**Saba D, Li L, Katnelson S, Vu JA.**

**Unmasking pheochromocytoma, a rare case of DKA as the first clue**

**Presented at:** Endocrine Society Annual Meeting, July 12-15, 2025.

**Saba D, Li L, Khan MM, Vu JA.**

**Effects of a lifestyle-intensive program on depressive symptoms in patients with diabetes**

**Presented at:** American College of Lifestyle Medicine Conference, November 16-19, 2025.

**Saba D, Li L, Kodani A, Collins A, Davis-Maier J, Muelly E.**

**Diverging pediatric growth patterns across body mass index population centiles among Asian subgroups**

**Presented at:** Pediatric Academic Societies Meeting, April 24-28, 2025.

**Seto B, Darbinian J, Gunderson E, Greenspan L, Lo J.**

**Divergent pediatric growth patterns across body mass index population centiles among racial/ethnic subgroups**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Seto B, Darbinian J, Gunderson E, Lo J.**

**Diverging pediatric growth patterns across BMI centiles among Asian subgroups**

**Presented at:** Kaiser Permanente Northern California Cardiovascular Research Symposium, May 9, 2025.

**Seto B, Darbinian J, Gunderson E, Lo J.**

**High burden of cardiovascular-kidney-metabolic syndrome risk factors among adolescents with overweight or obesity**

**Presented at:** American Heart Association Scientific Sessions, November 7-11, 2025.

**Seto B, Darbinian J, Njuguna V, Lo J.**

**Association of sodium glucose cotransporter 2 inhibitors with ketoacidosis among patients undergoing scheduled surgical interventions**

**Presented at:** Anesthesiology Annual Meeting, October 10-14.

**Seto B, Hartman M, Schmittiel JA, Corley D, Cohn BR.**

**High differential burden of obesity among US Asian and Pacific Islander children in contemporary pediatric practice (2021-2023)**

**Presented at:** Endocrine Society Annual Meeting, July 12-15, 2025.

**Seto BK, Darbinian JA, Greenspan LC, Garcia EA, Lee GH, Lo JC.**

**Racial and ethnic differences in metabolic risk clustering in adolescents with obesity in a large multiracial cohort**

**Presented at:** American College of Cardiology Scientific Sessions, March 29-31, 2025.

**Seto BK, Darbinian JA, Njuguna VW, Ho F, Lo JC.**

**Nourishing the heart: Whole-food plant-based nutrition after cardiac surgery: Inpatient plant-based menu adoption in the hospital**

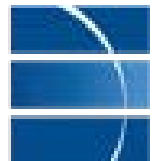
**Presented at:** The Permanente Medical Group Lifestyle Medicine Conference, August 21, 2025.

**Shah M, Yang J, Vadlakonda U, Moore MS, Panduranga V, Pursnani SK, Collins A, Prabakar P, Naik D, Muelly ER.**



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**Anesthesiologists®**

ENDOCRINE  
SOCIETY



### **Inoperable mucormycosis managed with glucose control and antifungals**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Shan J, Knueppel R.**

### **Disseminated coccidioidomycosis: A case report**

**Presented at:** American College of Chest Physicians Annual Meeting, October 19-22, 2025.

**Shieh C, Macko C, Panchal A, Dadasovich R.**

### **Differences in prevalence of ischemic heart disease and risk factors among older Latino and Chinese adults by language preferences**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Shin E, Lo J, Njuguna V, Rana J, Gordon N.**



*I think BSCU has been so helpful to our residents and research program managers. They've provided advice and guidance to our resident projects which helped many of them to present their posters and/or publishing their studies.*



**Danny Sam, MD**  
Director of Medical  
Education, Santa Clara

### **Revascularization and cognitive decline: A propensity-matched comparison of CABG versus PCI in multivessel coronary artery disease**

**Presented at:** European Society of Cardiology Congress, August 29-September 1, 2025.

**Shin E, Ramalingam N, Alabaster A, Shah A.**

**From guideline to practice: Breaking down barriers of SGLT2 prescriptions among IM residents**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Shin E, Ramalingam N, Tran N, Rana J.**

**When contrast clouds the picture: Mimicking subarachnoid hemorrhage after AVM embolization**

**Presented at:** Northern California Chapter of American College of Physicians Meeting Poster Competition, Oct 12, 2025.

**Shokoor O, Chandran C.**

**Descriptive analysis of the PCP-ONC CARES Program: Integrating primary care into oncology in a value-based system**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Awards, May 21, 2025.

**Siegel S, Anderson B, Santos C, Egorova O, Singh A, Zhu S, Paule A, Dupirak D, Liu R.**

**How we die: An historical perspective on palliative and hospice care**

**Presented at:** Kaiser Permanente Oakland Internal Medicine Grand Rounds, September 25, 2025.

**Smith A.**

**Characteristics and weight loss outcomes in patients with breast cancer prescribed semaglutide**

**Presented at:** San Antonio Breast Cancer Symposium, December 9-12, 2025.

**Song J, Liu R, Zhong S, Mishra P, Zhu S, Feliciano E.**

**Diminishing eligibility for lung cancer screening according to standardized screening guidelines**

**Presented at:** World Conference on Lung Cancer, September 6-9, 2025.

**Song J, Liu R, Zhong S, Zhu S, Sakoda L.**

### **Severe gastrointestinal toxicity following rituximab therapy**

**Presented at:** Northern California Society of Clinical Gastroenterology Symposium, May 17-18, 2025.

**Song J, Maheshwari S, Cheng Y.**

### **Prevalence, clinical characteristics, and outcomes in heart failure with improved ejection fraction by chronological age**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Srikanth K, Ambrosy A, Parikh R, Ku I, Bhatt A.**

### **Hemodynamic and clinical outcomes after stenting low-gradient coarctation of the aorta**

**Presented at:** International Symposium on Adult Congenital Heart Disease, June 5-7, 2025.

**Srikanth K, Fink D, Meadows A, Meadows J, Gilmartin J.**

### **Bizarre psychosis from a brain on fire**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Swei S, Cheng D.**

### **Beyond the diagnosis: Mental health trends among patients with cancer, a retrospective cohort study**

**Presented at:** American Society of Clinical Oncology Quality Care Symposium, October 10-11, 2025.

**Tamima S, Anderson B, Zhong S, Zhu S, Zhang V, Erickson-Ridout K, Liu R.**

### **Eliciting the patient perspective: Using design-thinking methodology to assess the utility of incorporating narrative medicine tools in inpatient cancer**

**Presented at:** American Society of Clinical Oncology Annual Meeting, May 28, 2025 and Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Tamima S, Banerjee S.**



**Shifting treatment paradigms leads to improved overall survival in acute myeloid leukemia: Real-world data from an integrated health system**

**Presented at:** American Society of Hematology Meeting, December 6-9, 2025.

**Tamima S, Elkin E, Law L, Rajagopal S, Skarbinski Y.**

**Laying down the framework for platypnea and orthodeoxia: A case of hepatopulmonary syndrome and patent foramen ovale**

**Presented at:** American College of Chest Physicians Annual Meeting, October 19-22, 2025.

**Tang J, Sahasrabudhe N, Gangopadhyay A.**

**A rare cause of infertility**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Tran P, Nguyen J.**

**The secret in their Orphan Annie eyes: A case of sclerosing mucoepidermoid carcinoma with eosinophilia appearing as papillary thyroid carcinoma**

**Presented at:** Endocrine Society Annual Meeting, July 12-15, 2025.

**Tranton H, Eng S, Vu JA.**

**I know what you-TI can-did-a last summer: A rare scenario of fungemia resulting from urinary tract translocation from diabetic neuropathy**

**Presented at:** Endocrine Society Annual Meeting, July 12-15, 2025.

**Tranton H, Vu JA.**



**ISACHD**  
International Society for Adult Congenital Heart Disease

### **The great hoax: Histoplasmosis in sarcoidosis' clothing**

**Presented at:** Northern California Chapter of American College of Physicians Meeting Poster Competition, Oct 12, 2025.

**Tse T, Chen J, Bhamra M, Chandran C.**

### **A tale of two arteriovenous malformation (PAVM): From asymptomatic nuisance to abscessed crises**

**Presented at:** American Thoracic Society Conference, May 17-21, 2025.

**Win J, Getman T, Nasiri HU.**

### **An arch enemy: Systemic embolization from a distal aortic arch thrombus**

**Presented at:** Northern California Chapter of American College of Physicians Meeting Poster Competition, Oct 12, 2025.

**Xu L, Gangopadhyay A.**

### **Baseline prevalence and patterns of dementia in older adults hospitalized with acute coronary syndrome: A multicenter study from an integrated healthcare system**

**Presented at:** American Heart Association Scientific Sessions, November 7-11, 2025.

**Yang JY, Jain A, Ha R, Canio WC, Romero A, Gilzanz P, Dinh H, Aggarwal N, Mielke M, Damluji AA, Shin ED, Shah AI, Krishnaswami A.**

### **Racial/ethnic and sex disparities in lipid lowering management post coronary artery bypass grafting (CABG): Insights from a large integrated, diverse healthcare system**

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

**Yang JY, Stram D, Sheikh A, Ha R, Pursnani S.**

### **Impact of diagnostic workup location on time to treatment for patients with non-small cell lung cancer seen in the emergency department**

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025 and American Society of Clinical Oncology Annual Meeting, June 1, 2025.

**Yang M, Somers M, Dang A, Huang T, Triplett C, Reed M, Sakoda L, Vinson D, Liu R, Ragavan M.**

## Personal experiences with type 2 diabetes and early glycemic management among younger adults

**Presented at:** Endocrine Society Annual Meeting, July 12-15, 2025.

Yin C, Board C, Gopalan A.

## Taishanese is all you need: Large language models in healthcare - workflows, best practices, and pitfalls

**Presented at:** Kaiser Permanente Oakland Internal Medicine Grand Rounds, August 14, 2025.

Zeng B.

## A pleaSANT surprise: A case of sclerosing angiomatoid nodular transformation of the spleen

**Presented at:** American College of Physicians Northern California Region Annual Scientific Meeting, October 5, 2025.

Zhao J, Bien J.

# Nephrology



## Comparison of apixaban with warfarin in dialysis patients in an integrated health care system



**Major Finding:** Apixaban and Warfarin demonstrated comparable bleeding and thrombosis rates in dialysis patients, although Apixaban was associated with a significantly lower rate of dialysis access thrombosis.

**Published in:** Perm J. 2025 Sep 15;29(3):64-72. doi: 10.7812/TPP/25.043. Epub 2025 Jul 22. PMID: 40692319; PMCID: PMC12485249.

Shaheed T, Stram D, Shirazi A, Iwasaki S, Davila C, Zheng S.

**Second-place winner of 2025 Learning Health System Outstanding Paper Award, Fellow Category**

### Frequency of CKD patient referrals to nephrology clinics using Kidney Failure Risk Equation (KFRE) at Kaiser Permanente Northern California (KPNC)

**Presented at:** National Kidney Foundation Clinical Meeting, April 10, 2025.

**Contreras J, Jain A, Mehr AP, Shirazi A, Lapasia J.**

### Navigating hemodialysis vascular access surgery in diabetes: The impact of glycemic control on arteriovenous fistula and graft complications

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025 and the National Kidney Foundation Clinical Meeting, April 9, 2025.

**Huang J, Pak J, Cohn B, Alexander J, Pak A, Zheng S.**

### Effect of anticoagulation on dialysis access: A retrospective study

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Shaheed T, Stram D, Shirazi A, Iwasaki S, Davila C, Zheng S.**

## Obstetrics & Gynecology

### Cancer control and toxicity results of chemoradiation for cervical cancer using a three-fraction HDR brachytherapy boost

**Major Findings:** An accelerated 3-fraction brachytherapy protocol for cervical cancer provides local cancer control comparable to historical standards while maintaining low toxicity rates.

**Published in:** Brachytherapy. 2025 Nov-Dec;24(6):883-889. doi: 10.1016/j.brachy.2025.07.014. Epub 2025 Sep 16. PMID: 40962689.

**Aryasomayajula C, Xu MJ, Hui CB, Wong ML, Sethi R, Nag S, Scala LM, Chapman CH.**

### The writing is on the wall: IVF access could follow abortion's path

**Major Findings:** Legal precedents set by judicial restrictions on abortion care pose a growing threat to the future availability of in-vitro fertilization and other reproductive health services.

**Published in:** Fertility & Sterility. American Society for Reproductive Medicine. 2025 Jan 16.

**Boehler-Tatman M, Sackeim M.**

### Preemptive anticoagulation during antenatal pulmonary embolism diagnostics in a community setting: Retrospective cohort study

**Major Findings:** Preemptive anticoagulation is rarely used during diagnostic workup for suspected pulmonary embolism in pregnant patients in community hospitals, despite eligibility according to certain guidelines.

**Published in:** Erratum in: Res Pract Thromb Haemost. 2025 May 30;9(4):102892. doi: 10.1016/j.rpth.2025.102892. PMID: 40104811; PMCID: PMC11914514.

Campbell AR, Florio CJ, Heringer GV, Woldemariam ST, Casey SD, Stubblefield WB, Westafer LM, Qiao E, Middleton CE, Zekar L, Gupta N, Somers MJ, Reed ME, Roubinian NH, Pai AP, Sperling JD, Vinson DR.

### Laparoscopic uterine fixation and ovarian pexy for fertility and ovarian preservation in a 40-year-old with anal cancer

**Major Findings:** A multidisciplinary approach involving oocyte retrieval and surgical pexy can successfully preserve ovarian function and fertility by minimizing radiation dose during anal cancer treatment.

**Published in:** F S Rep. 2025 Feb 5;6(2):218-224. doi: 10.1016/j.xfre.2025.01.020. PMID: 40620381; PMCID: PMC12223560.

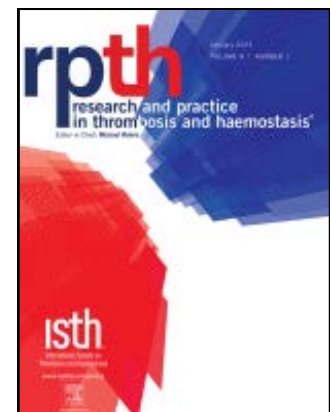
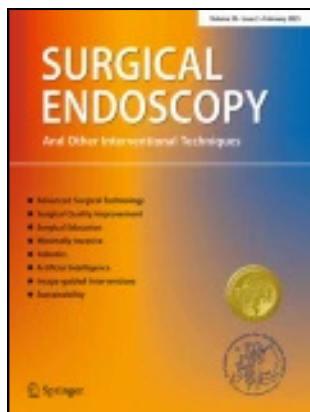
Dillard V, Bindra A, Torres-Rodriguez J, Vallerie AM, Fields M, Gilbert SAB, Zaritsky E.

### The robotic era: 11-year retrospective study of cholecystectomies at a veterans affairs hospital

**Major Findings:** Adoption of robotic surgery for gallbladder removal safely eliminates conversion to open surgery and is recommended for high-risk patients with severe disease.

**Published in:** Surg Endosc. 2025 Nov;39(11):7476-7485. doi: 10.1007/s00464-025-12185-3. Epub 2025 Sep 4. PMID: 40905966; PMCID: PMC12618365.

Huy TC, Fitzsimmons K, Park J, Sawicki M, Sebastian JL, Tomlinson JS, Md MDG.





## Incidentally identified basal plate myometrial fibers and hemorrhage risk in the subsequent pregnancy



**Major Finding:** The incidental identification of symptomatic basal plate myometrial fibers during pregnancy is strongly associated with an increased risk of hemorrhagic morbidity or adherent placenta in subsequent pregnancies.

**Published in:** Reproductive Medicine. 2025; 6(2):10. <https://doi.org/10.3390/reprodmed6020010>

Le GT, Schauer G, Hung Y-Y, Li Y, Ritterman Weintraub M, Greenberg MB.

Third-place winner of 2025 Learning Health System Outstanding Paper Award, Resident Category

## Enhancing care of young febrile infants in Hawai'i: A quality improvement initiative to reduce unnecessary hospitalizations and procedures

**Major Findings:** A local quality improvement initiative successfully reduced unnecessary hospitalizations and invasive procedures for young febrile infants by aligning clinical practice with national guidelines.

**Published in:** Hawaii J Health Soc Welf. 2025 Jun;84(6):48-58. doi: 10.62547/YMXL1170. PMID: 40814393; PMCID: PMC12344506.

Lee-Jayaram J, Chin B, Pantell R, Kimata C, Inouye J, Sumida E, Ung A, Okado C.

## Delay to timely treatment in locally advanced cervical cancer: Insurance inequities in access to gynecologic oncology

**Major Findings:** Medicaid insurance is independently associated with lower odds of timely treatment initiation for locally advanced cervical cancer, primarily due to delays between biopsy and staging.

**Published in:** Am J Obstet Gynecol. 2025 Sep;233(3):186.e1-186.e9. doi: 10.1016/j.ajog.2025.02.032. Epub 2025 Feb 20. PMID: 39986339; PMCID: PMC12431627.

Liang J, Mvemba A, Swanson M, Hsu IJ, Alvarez E, Chapman J, Fuh K, Chen LM, Cham S.

### Assessing the role of ultrasound in uterine bleeding among patients on gender-affirming testosterone: A retrospective cohort study

**Major Findings:** Routine pelvic ultrasounds have limited diagnostic utility for individuals on testosterone with abnormal bleeding, as no significant imaging differences were found compared to those without symptoms, which suggests that routine ultrasounds may have limited diagnostic utility in this population.

**Published in:** BMC Med Imaging. 2025 Oct 27;25(1):428. doi: 10.1186/s12880-025-01957-x. PMID: 41146102; PMCID: PMC12560591.

Middleton R, Scatoni A, Boskey E, Grimstad FW.

### Uterine fibroid diagnosis by race and ethnicity in an integrated health care system

**Major Findings:** South Asian, East Asian, Southeast Asian, Black, and Hispanic patients all show significantly higher rates of uterine fibroid diagnosis compared to White patients.

**Published in:** JAMA Netw Open. 2025 Apr 1;8(4):e255235. doi: 10.1001/jamanetworkopen.2025.5235. PMID: 40172885; PMCID: PMC11966321.

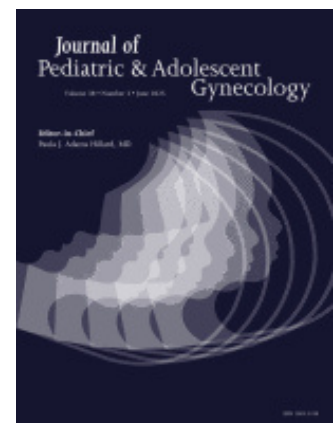
Mitro SD, Dyer W, Lee C, Bindra A, Wang L, Ritterman Weintraub M, Hedderson MM, Zaritsky E.

### Preconception counseling in the setting of unilateral cervical atresia in a patient with uterus bicornuate bicollis: A case report

**Major Findings:** Patients with rare Müllerian anomalies require specialized counseling on high risk obstetric care and may also benefit from surgical management or in vitro fertilization to build their families.

**Published in:** J Pediatr Adolesc Gynecol. 2025 Jun;38(3):433-436. doi: 10.1016/j.jpag.2025.01.172. Epub 2025 Jan 30. PMID: 39892743.

Murphy H, O'Brien K, Smith Y, Rosen MW.



### Examining disparities in the evaluation and management of cesarean birth pain among patients with and without a psychiatric condition

**Major Findings:** Patients with a psychiatric history report more severe pain and receive fewer pain assessments after cesarean birth than those without, suggesting potential bias in care.

**Published in:** Cureus. 2025 Feb 12;17(2):e78902. doi: 10.7759/cureus.78902.  
PMID: 40091920; PMCID: PMC11908654.

Rogers CB, Pence MJ, Whitley J, Mattson A, Lee SM, Keller J.

### Pregnancy outcomes using assisted reproductive technology in kidney transplant recipients

**Major Findings:** Pregnancies achieved via assisted reproductive technology in kidney transplant recipients are linked to higher risks of preterm birth, hypertension, and cesarean delivery compared to natural conception.

**Published in:** Transplantation. 2025 Dec 1;109(12):1896-1904. doi: 10.1097/TP.0000000000005449. Epub 2025 Jul 4. PMID: 40611379; PMCID: PMC12233136.

Shah S, Rachwal B, Vyas P, Basera P, Rao S, Sheshashayee N, Leonard AC, Verma P, Konel J, Constantinescu S, Moritz M, Jesudason S, Coscia LA.

### Knowledge of pelvic floor disorders in English- and Spanish-speaking postpartum patients

**Major Findings:** Knowledge of urinary incontinence and pelvic organ prolapse is low in both English- and Spanish-speaking postpartum patients, indicating a need for more educational resources.

**Published in:** Urogynecology (Phila). 2025 Dec 1;31(12):1131-1138. doi: 10.1097/SPV.0000000000001665. PMID: 39993223.

Siddique M, Passarelli E, Shi C, Myers D.

### Plasma A $\beta$ 42/A $\beta$ 40 is sensitive to early cerebral amyloid accumulation and predicts risk of cognitive decline across the Alzheimer's disease spectrum

**Major Findings:** An automated plasma assay for amyloid beta accurately detects early brain amyloid and predicts the risk of future cognitive decline across the Alzheimer's disease spectrum.

**Published in:** Alzheimers Dement. 2025 Feb;21(2):e14442. doi: 10.1002/alz.14442. Epub 2024 Dec 23. PMID: 39713875; PMCID: PMC11848181.

Trelle AN, Young CB, Vossler H, Ramos Benitez J, Cody KA, Mendiola JH, Swarovski MS, Guen YL, Feinstein I, Butler RR 3rd, Channappa D, Romero A, Park J, Shahid-Besanti M, Corso NK, Chau K, Smith AN, Skylar-Scott I, Yutsis MV, Fredericks CA, Tian L, Younes K, Kerchner GA, Deutsch GK, Davidzon GA, Sha SJ, Henderson VW, Longo FM, Greicius MD, Wyss-Coray T, Andreasson KI, Poston KL, Wagner AD, Mormino EC, Wilson EN.



### Racial and ethnic trends in cesarean delivery on maternal request

**Major Finding:** Non-Hispanic White individuals were found to undergo cesarean delivery upon maternal request more frequently than Black, Hispanic, or Asian/Hawaiian/Pacific Islander persons.

**Published in:** J Racial Ethn Health Disparities. 2026 Feb;13(1):340-348. doi: 10.1007/s40615-024-02249-w. Epub 2025 Jan 7. PMID: 39775743.

Swain CA, Anderson MC, Shirazi A, Torrente S, Okwandu IC.



### Increasing access to immediate postpartum long-acting reversible contraception on pregnancy and contraceptive outcomes in patients seeking permanent contraception postpartum

**Major Finding:** Patients who were unable to receive requested postpartum permanent contraception benefited from increased access to immediate postpartum long-acting reversible contraception, which was associated with fewer unintended pregnancies the following year.

**Published in:** Perm J. 2025 Sep 23:1-7. doi: 10.7812/TPP/24.172. Epub ahead of print. PMID: 40984746.

Tsai R, Wade E, Tucker LY, Triplett C, Murphy K.

### Association between maternal serum analytes and third trimester fetal growth restriction

**Major Findings:** Third trimester fetal growth restriction is uncommon with isolated abnormal analytes, and relying on these markers for ultrasound screening may often miss infants who are small for gestational age.

**Published in:** Minerva Obstet Gynecol. 2025 Jun 30. doi: 10.23736/S2724-606X.25.05664-7. Epub ahead of print. PMID: 40587202.

**Ung A, Kimata C, Siu AM, Yamasato K.**

### Self-collected swabs for primary HPV screening in an under screened population in Hawaii

**Major Findings:** Self-collected human papillomavirus swabs are a feasible and acceptable screening method with high patient satisfaction in underserved populations where traditional screening rates are low.

**Published in:** J Low Genit Tract Dis. 2025 Jul 1;29(3):213-217. doi: 10.1097/LGT.0000000000000887. Epub 2025 Apr 10. PMID: 40209155; PMCID: PMC12188802.

**Ung A, Riel J, Stowers P, Killeen J, Brown S, Chang A.**

### Consent to advanced imaging in antenatal pulmonary embolism diagnostics: prevalence, outcomes of non-consent, and opportunities to mitigate delayed diagnosis risk

**Major Findings:** One in five pregnant patients recommended for advanced imaging for suspected pulmonary embolism declined consent, with nonconsent significantly more common in emergency department settings.

**Published in:** J Pediatr Adolesc Gynecol. 2025 Jun;38(3):433-436. doi: 10.1016/j.jpag.2025.01.172. Epub 2025 Jan 30. PMID: 39892743.

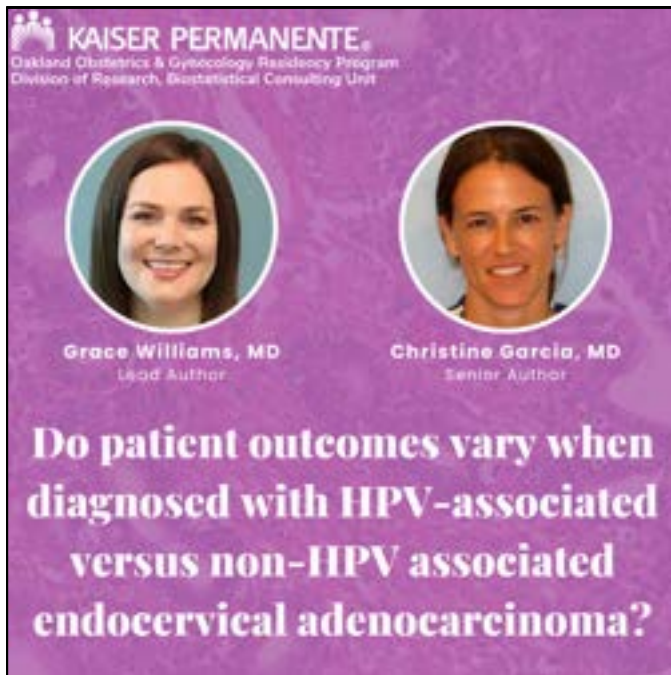
**Murphy H, O'Brien K, Smith Y, Rosen MW.**

### Strategies to reduce advanced imaging in antenatal pulmonary embolism diagnostics

**Major Findings:** D-dimer testing is a safe and efficient way to avoid advanced imaging in suspected pregnancy-related pulmonary embolism, whereas routine compression ultrasonography has very low efficiency.

**Published in:** Cureus. 2025 Feb 12;17(2):e78902. doi: 10.7759/cureus.78902. PMID: 40091920; PMCID: PMC11908654.

**Rogers CB, Pence MJ, Whitley J, Mattson A, Lee SM, Keller J.**



## Survival in human papillomavirus and non-human papillomavirus-associated invasive endocervical adenocarcinoma: Outcomes in a large, integrated healthcare system

**Major Finding:** Non-HPV-associated invasive endocervical adenocarcinoma was associated with worse five-year survival and progression-free survival compared to HPV-associated types, whereby cancer stage remained the most critical prognostic factor.

**Published in:** Int J Gynecol Cancer. 2025 Sep 27. doi: 10.1016/j.ijgc.2025.102683.

**Williams G, Bindra A, Fink D, Weintraub MR, Garcia C.**

## Is endometriosis a progressive disease? Examining age-related trends in disease severity and surgical complexity

**Major Findings:** Endometriosis disease stage peaks in the 25-35 age range and then plateaus, while the complexity of surgery continues to increase with age due to cumulative adhesions and anatomical changes.

**Published in:** Fertil Steril. 2025 Sep 18:S0015-0282(25)01921-1. doi: 10.1016/j.fertnstert.2025.09.024. Epub ahead of print. PMID: 40975459.

**Yagur Y, Schneyer RJ, Hamilton KM, Ezike O, Ciesielski K, Barker M, Thrift C, Fitzsimmons K, Levin G, Meyer R, Wright KN, Siedhoff MT.**

## Association of preconception and prenatal cannabis use with breastfeeding

**Major Findings:** Prenatal cannabis use is associated with earlier discontinuation of breastfeeding and an overall lower prevalence of breastfeeding at six and 12 months.

**Published in:** Am J Prev Med. 2025 Dec;69(6):107964. doi: 10.1016/j.amepre.2025.107964. Epub 2025 Jun 30. PMID: 40602694; PMCID: PMC12604813.

**Young-Wolff KC, Adams SR, Homsley KJ, Alexeeff SE, Gunderson EP, Does MB, Ansley D, Castellanos C, Haley E, Avalos LA.**

### Evaluating e-visit utilization and efficacy for oral contraceptive pills in a large, integrated health care system

**Major Findings:** E-visits for oral contraceptive care offer the fastest order placement and medication pickup times with a lower need for short-term follow-up compared to traditional visit types.

**Published in:** O G Open. 2025 Oct 9;2(5):e121. doi: 10.1097/og9.000000000000121. PMID: 41080917; PMCID: PMC12513448.

Zaritsky E, Sax D, Bolton E, Torres-Rodriguez JM, Bindra AK, Huang J, Reed M.



### Racial disparities in endometriosis and pelvic pain treatment within an integrated health care delivery system

**Major Finding:** Black women received more medical and surgical management for endometriosis, and all non-White women were referred to pelvic pain specialists at lower rates compared to White women.

**Published in:** Obstet Gynecol. 2025 Dec 1;146(6):888-897. doi: 10.1097/AOG.0000000000006045. Epub 2025 Aug 21. PMID: 40839882.

Zaritsky E, Tucker LY, Hen E, Childs A, Weintraub MR, Wicks C.

### Assessment of resident inbox management of patient results within Kaiser Permanente primary care

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

Adler N, Reigels N.

### Prevalence and predictors of uninsurance among a national sample of farmworker women in the United States

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

Anoruo O, Sanchez-Salas E, Torres-Rodriguez J, Moreno G.

### **Outcomes of a 3-fraction brachytherapy protocol for cervical cancer treatment**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Aryasomayajula C, Xu MJ, Hui CB, Wong ML, Sethi R, Nag S, Scala LM, Chapman CH.**

### **Ancestry-based disparities in variants of uncertain significance (VUS) among patients with ovarian cancer undergoing genetic testing**

**Presented at:** Society of Gynecologic Oncology Annual Meeting, March 14-17, 2025.

**Aryasomayajula, C, Francoeur A, Johnson C, Sia T, Chan J, Liu Y.**

### **Impact of the COVID-19 pandemic on intimate partner violence disclosure among adult women within a large integrated healthcare system**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Banta K, Torres-Rodriguez J, Bindra A, Folck B, Tucker L-Y, Weintraub M, Vega S, Adler N.**

**KP East Bay Academy of Medical Educators Top 4 Resident-Led Project**



### **The hidden impact: How COVID-19 shaped intimate partner violence disclosure**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Banta K, Torres-Rodriguez J, Bindra A, Folck B, Tucker L-Y, Weintraub MR, Vega S, Adler N.**

### **The hidden impact: How the COVID-19 pandemic shaped intimate partner violence disclosure among women in a large healthcare system**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Banta K.**

### **Evaluating e-visit utilization and efficacy for contraception in a large integrated healthcare system**

**Presented at:** American College of Obstetricians & Gynecologists Annual Clinical & Scientific Meeting, May 16-18, 2025.

**Bindra A, Torres-Rodriguez JM, Bolton E, Zaritsky E, Sax D, Reed M, Millman A, Huang J.**

### The impact of first trimester ultrasound on gestational age at diagnosis of fetal anomalies

**Presented at:** Society for Birth Defects Research and Prevention Annual Meeting, June 30, 2025 and Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Boehler-Tatman M, Yadava S, Obrutu O, Fink D.**

**KPSF Academy of Medical Educators Clinical Research Award**



### Paratubal cysts, PCOS, and obesity in adolescence: A retrospective cohort study from a large integrated health system

**Presented at:** North American Society for Pediatric and Adolescent Gynecology Meeting, April 4, 2025.

**Brookhart C, Boehler-Tatman M, Malekian C, Tucker L-Y, Shirazi A, Cizek S, Woo V.**

### Paratubal cysts, PCOS, and obesity in adolescence: A retrospective cohort study

**Presented at:** American College of Obstetricians & Gynecologists Annual Clinical and Scientific Meeting, May 17, 2025.

**Brookhart C, Tatman-Boehler M, Malekian C, Tucker LY, Shirazi A, Woo V.**

### Impact of state legislation mandating fertility preservation coverage on fertility preservation rates in transgender and gender non-binary patients

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Chang E, Mickelsen R, Pandit C, Archibald A, Triplett C, Kaskowitz A.**

**ACOG 75**

**ANNUAL CLINICAL &  
SCIENTIFIC MEETING**



**Society for  
Birth Defects  
Research &  
Prevention**

**EST. 1960 AS THE  
TERATOLOGY SOCIETY**



### **Incidence of intrauterine synechiae in women with a history of dilation and curettage**

**Presented at:** San Francisco Gynecological Society Annual Meeting, May 13, 2025 and Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Chen S, Yazd-Samiezade Z, Triplett C, Joshi N.**

**First-place at SF Gynecological Society Meeting and Overall Winner at KP Northern California Obstetrics & Gynecology Resident Research Symposium**



### **Subsequent pregnancy incidence and outcomes among a Kaiser Permanente Northern California cohort of women with peripartum cardiomyopathy**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Choo M, Pruzansky A, Xu RH, Joshi N, Gunderson E, Pursnani S.**

### **Fertility desires and outcomes in patients with hereditary cancer syndromes**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Connelly E, Lowry C, Wei J, Garcia C.**

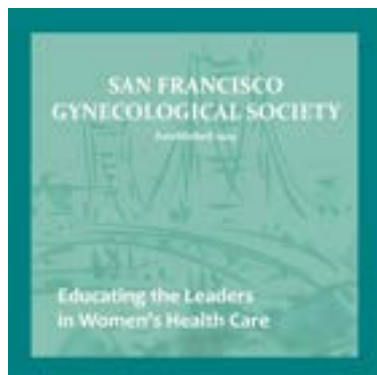
**KP Northern California Obstetrics & Gynecology Resident Research Symposium  
Most Impactful Project Award**



### **Severe maternal morbidity among Asian and Pacific Islander parturients in a contemporary Northern California cohort**

**Presented at:** Society for Maternal-Fetal Medicine Pregnancy Meeting, January 27, 2025.

**De Bourmont S, Alexander J, Sun B, Gunderson E, Greenberg M.**



### **Menstrual suppression and management in adolescents on anticoagulation**

**Presented at:** North American Society for Pediatric and Adolescent Gynecology Meeting, April 3, 2025.

**Dillard V, Fink D, Vallerie M, Huynh A, Weintraub M, Zaritsky E.**

### **Menstrual suppression and management in adolescents on anticoagulation**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Dillard V.**

### **Interpreters on labor & delivery: Hospital childbirth experiences of patients with limited English proficiency (LEP)**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Edber S, Barres L.**

### **Fertility-sparing management and outcomes in patients with cervical cancer in a large population-based health care system**

**Presented at:** Society of Gynecologic Oncology Winter Meeting, January 31, 2025.

**Gbordzoe L, Camara C, Wei J, Lowry C, Connelly E, Garcia C.**

### **Salpingo-oophorectomy at time of benign hysterectomy: A demographic analysis in an integrated healthcare system**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Guerra T, Tucker L-Y, Torres-Rodriguez J.**

### **Salpingo-oophorectomy rates at time of benign hysterectomy in premenopausal women: Demographic variations within a large integrated health system over 10 years**

**Presented at:** Society of Gynecologic Surgeons Annual Scientific Meeting, March 30-April 2, 2025.

**Guerra T, Zaritsky E, Torres-Rodriguez J, Tucker L-Y, Weintraub M.**

### Salpingo-oophorectomy at time of benign hysterectomy: A demographic analysis in an integrated healthcare system

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Guerra T.**

### Pre-pregnancy and prenatal cannabis use and prevalence of breastfeeding among individuals in Northern California

**Presented at:** American College of Obstetricians & Gynecologists Annual Clinical & Scientific Meeting, May 16-18, 2025.

**Homsley K, Adams SR, Avalos LA, Alexeeff SE, Does MB, Ansley D, Castellanos C, Young-Wolff KC.**



**Cynthia Triplett, MPH, MAT**  
Research Project Manager  
Santa Clara



*Collaborating with the BSCU has meaningfully increased both the volume and the caliber of scholarly work at KP Santa Clara. Equally important, BSCU analysts are approachable, responsive, and highly collaborative partners. They integrate seamlessly with our clinical teams and make the research process both productive and enjoyable for our trainees and faculty.*



### Impact of nitrous oxide on patient pain/anxiety with office bladder Botox

**Presented at:** American Urogynecologic Society Pelvic Floor Disorders Week, October 15, 2025.

**Kusisto V, Jain A, Triplett C, Howe M, Yip S.**

### Utilization of care and alignment of screening with NCCN guidelines for patients with Lynch syndrome

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Lowry C, Laurent C, Powell B, Garcia C.**

### **Patient tolerance of new MARA endometrial ablation system**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Mickelsen R, Rojasova S, Malekian C, Tucker L-Y, Triplett C, Heinlein P.**

### **Incident uterine fibroid diagnosis and variation by race and ethnicity in a large integrated healthcare system, 2009-2022**

**Presented at:** American College of Obstetricians & Gynecologists Annual Clinical & Scientific Meeting, May 16-18, 2025.

**Mitro SD, Lee C, Dyer W, Wang L, Ritterman Weintraub ML, Hedderson MM, Zaritsky EF.**

### **Pre-operative placenta accreta spectrum checklist prepares and predicts best for the highest risk patients**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Neville R, Jiang S-F, Triplett C, Stephenson M.**

### **Delayed oral misoprostol dosing for cervical ripening**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Nije S, Fei Xu, Baker J, Kuzniewicz M, Hedderson M, Greenberg M.**

### **Racial and socioeconomic differences in minimally invasive myomectomy: A retrospective cohort study**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Okai S, Tucker L-Y, Chinnakotla B, Bindra A, Weintraub MR, Zaritsky E.**

### **Myomectomy rates and trends: Demographic, clinical, and healthcare variations within a large integrated healthcare system**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Okai S.**

## **Prevalence and predictors of uninsurance among a national sample of farmworker women in the United States**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Onyemaechi A.**

## **Vaginal squamous cell cancer in an integrated health system: Presentation and association with cervical cancer screening**

**Presented at:** American Society for Colposcopy and Cervical Pathology Scientific Meeting on Anogenital & HPV-Related Diseases, April 24-26, 2025.

**Osei-Bonsu KM, Barnell G, Pothamsetty N, Schechter M, Khan M.**

## **Somatic testing lags far behind germline testing in ovarian cancer**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Ostiller K, Marjon N, Block L, Powell B, Garcia C.**

## **Postpartum contraceptive use among South Asians: A retrospective cohort study from Kaiser Northern California**

**Presented at:** Society for Maternal-Fetal Medicine Annual Pregnancy Meeting, January 30, 2025.

**Partani E, Wade E, Triplett C, Zaid E.**

## **Prenatal anemia: Examining trends and racial disparities before and after standardized clinical interventions**

**Presented at:** Society for Maternal-Fetal Medicine Annual Pregnancy Meeting, January 31, 2025.

**Rachuri S, Lievanos E, Shirazi A, Fink D, Samiezade-Yazd Z, Barres LG.**

## **Gender affirming hysterectomies: Analysis of temporal trends and characteristics pre- and post- expansion of health care coverage at a large integrated California health care system**

**Presented at:** World Professional Association for Transgender Health, September 26-30, 2025.

**Radoc J, Tucker LY, Huynh A, Zhao Y, Ritterman Weintraub M, Zaritsky E.**

### The impact of delivery mode on bladder pain syndrome treatment patterns

**Presented at:** American Urogynecologic Society Pelvic Floor Disorders Week, October 14, 2025.

**Termulo K, Kent A, Malekian C, Tucker LY, Shirazi A, Morrill M.**

### E-Visit utilization and effectiveness for contraception in an integrated healthcare system

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Torres-Rodriguez J, Bolton E, Ameek B, Sax D, Jie H, Reed M, Zaritsky E.**

**KP East Bay Academy of Medical Educators Outstanding Resident Project Award**



### The impact of the COVID-19 pandemic on disclosure of intimate partner violence among adult women within a large integrated healthcare system

**Presented at:** Behavioral Health Student Research Symposium of Southern Puerto Rico, October 18, 2025.

**Torres-Rodriguez JM, Bindra AK, Banta K, Folck B, Ritterman Weintraub M, Boller M, Adler N.**

### Integrated healthcare systems as a path toward reducing demographic variations in bilateral salpingo-oophorectomy rates

**Presented at:** Ponce Health Science University-Ponce Research Institute Scientific Conference, May 17, 2025.

**Torres-Rodriguez JM, Guerra T, Tucker LY, Roland A, Ritterman Weintraub M, Zaritsky E.**



## Variation in treatment utilization after uterine fibroid diagnosis by race and ethnicity in an integrated healthcare system

**Presented at:** American Association of Gynecologic Laparoscopic Surgeons, November 8-11, 2025.

Wang L, Bindra A, Lee C, Dyer W, Hedderson M, Mitro S, Zaritsky E.



**Aida Shirazi, PhD, MS, RPh**  
Research Project Manager  
San Francisco



*The BSCU team plays an essential role in advancing the scholarly work of our San Francisco residents, fellows, and faculty. Their deep expertise in data analysis and complex methodology, combined with their responsiveness, and thoughtful guidance elevates the rigor and clarity of our research across multiple fellowships and residency programs. I deeply appreciate their partnership and the consistent support they provide to our entire academic community.*



## Racial and ethnic variations in uterine fibroid diagnosis from a large integrated healthcare system (2009-2022)

**Presented at:** Society of Gynecologic Surgery Annual Scientific Meeting, March 30-April 2, 2025.

Wang L, Lee C, Dyer W, Ritterman Weintraub ML, Hedderson MM, Zaritsky EF, Mitro SD.

## Racial and ethnic variations in uterine fibroid diagnosis from a large healthcare system (2009-2022)

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

Wang L, Zaritsky E, Dyer W, Bindra A, Ritterman Weintraub ML, Lee C, Hedderson M, Mitro S.

### **Survival in HPV and non-HPV associated invasive cervical cancer: Outcomes in a large, integrated healthcare system**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

**Williams G, Bindra A, Fink D, Weintraub MR, Garcia C.**

### **Preemptive anticoagulation during antenatal pe diagnostics in a community setting: Prevalence and eligibility**

**Presented at:** American College of Obstetricians & Gynecologists Annual Clinical & Scientific Meeting, May 16-18, 2025.

**Woldemariam S, Campbell A, Florio C, Heringer G, Sperling J Vinson D.**

### **How to best navigate antenatal PE diagnostics: Putting research results to practice**

**Presented at:** Kaiser Permanente East Bay Obstetrics & Gynecology Grand Rounds, January 30, 2025.

**Woldemariam S.**

## **Patient Safety**

### **Assessment of resident inbox management of patient results within Kaiser Permanente primary care**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025 and Kaiser Permanente Northern California SCOPE Scholarly Symposium, April 16, 2025.

**James J, Adler N, Riegels N.**

### **Patient safety fellows**

**Presented at:** Continuing Medical Education Hospital Wide Grand Rounds, June 10, 2025.

**James J, Vega S.**

### **Improving procedural safety in the gynecology ambulatory setting via implementation of the KP ambulatory procedural safety program (APSP)**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025 and Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Vega S, Adler N, Reigels N, LeMaster CH.**

# Pediatric Hospital Medicine



## Predicting progression of STEC-HUS: Use of shiga toxin subtype and routine laboratory screening

**Major Finding:** Stool positive for E. coli O157 with the Shiga toxin 2 subtype emerged as the main driver of hemolytic uremic syndrome in children, suggesting that specialized screening should be reserved for high-risk cases.

**Published in:** J Pediatric Infect Dis Soc. 2025 Apr 8;14(4):piaf022. doi: 10.1093/jpids/piaf022. PMID: 40036887.

Maleknia L, Samiezade-Yazd Z, Luu X, Cranshaw M, Weintraub MR, Greenhow TL.



## Discordance between observed vs expected prevalence of UTI in newborns with hyperbilirubinemia

**Major Finding:** Urinary tract infections were very rare in well-appearing newborns receiving phototherapy for jaundice, suggesting that previous reports may overestimate prevalence and routine testing might lead to overdiagnosis.

**Published in:** Hosp Pediatr. 2025 Sep 1;15(9):e456-e459. doi: 10.1542/hpeds.2025-008400. PMID: 40803689.

Nayak K, Kane M, Schroeder A, Newman T, Jiang SF, Chang P.

## Care optimization during vaso-occlusive pain crisis in pediatric patients with sickle cell disease



**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 28, 2025.

Ali M, Nguyen P, Zhao Y, Ritterman Weintraub M, Wang T, Shah R.

**Outstanding Resident Project, 2025 SCOPE Award**

## Reading renaissance in the NICU: A QI project to optimize neurodevelopmental support in the KP Oakland NICU

**Presented at:** Kaiser Permanente Pediatrics Grand Rounds, April 23, 2025.

Morgan K.

## Pediatrics



### Optimizing care for neutropenic fever in pediatric patients: An analysis of treatment approaches and clinical outcomes

**Major Finding:** Adoption of a lower versus higher fever threshold for hospital admission in pediatric oncology patients with neutropenic fever showed no significant differences in rates of bacteremia, pediatric intensive care unit transfers, or length of stay.

**Published in:** Perm J. 2025 Sep 15;29(3):97-104. doi: 10.7812/TPP/25.028. Epub 2025 Jul 28. PMID: 40717474; PMCID: PMC12485251.

Bhattacharjee SP, Zhao Y, Tucker LY, Weintraub MR, Hu C.

### **Pectoralis major flaps for sternal reconstruction: Multidisciplinary considerations and patient outcomes**

**Major Findings:** While various pectoralis flap techniques are effective for sternal wound reconstruction, pre-existing coronary artery disease and prior heart surgeries increase the risk of wound recurrence.

**Published in:** Ann Plast Surg. 2025 Sep 1;95(3):301-307. doi: 10.1097/SAP.0000000000004409. Epub 2025 Jun 5. PMID: 40532228.

**Chi D, Skladman R, Arhewoh RE, Chiang SN, Vuong L, Sachar RJ, Masood MF, Fox IK.**

### **Pediatric blood culture contamination rates and risk factors in a large integrated health system**

**Major Findings:** Blood culture contamination in children is most common in infants and is more likely when samples are collected by emergency department nurses than by phlebotomists.

**Published in:** Hosp Pediatr. 2025 Jul 1;15(7):e286-e292. doi: 10.1542/hpeds.2024-008184. PMID: 40506055.

**Childress K, Hartmann M, Fernandes G, Fong N, Cooch P, Kwan ML.**

### **Formation and implementation of an action-based curriculum for inequities in NICU care informed by pediatric residents**

**Presented at:** Pediatric Academic Societies Meeting, April 27, 2025.

**Bowers K, Corre A.**

### **Evaluation of automatic versus discretionary pediatric intensive care specialist consultation for pediatric rapid response**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Bowers K, Ritterman MW, Dong H, Surmava AMP, Shah R.**

### **Comparison of automatic and discretionary pediatric intensive care specialist consultation for pediatric rapid response**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, March 27, 2025.

**Bowers K, Weintraub M, Dong H, Surmava A, Rina S.**

### **Multi-site implementation of a health equity check-in tool in inpatient clinical care**

**Presented at:** American Association of Gynecologic Laparoscopic Surgeons, November 8-11, 2025.

**Bowers KF, Punjabi S, Blecharczyk E, Jhaveri N, Wang X, Gambhir S, Corre A, Kohrman H, Chan S.**

### **Use of oral antibiotics in neonates with bacteremic urinary tract infections**

**Presented at:** Kaiser Permanente East Bay Pediatric Grand Rounds, June 4, 2025.

**Caro D, Amanjee A, Obrutu O, Ritterman Weintraub M, Greenhow T.**

### **Use of oral antibiotics in neonates with bacteremic urinary tract infections**

**Presented at:** Pediatric Academic Societies Meeting, April 26, 2025.

**Caro D, Amanjee K, Greenhow T, Obrutu O.**

### **Pediatric blood culture contamination: Risk factors and implications for healthcare utilization**

**Presented at:** Pediatric Academic Societies Meeting, April 26, 2025.

**Fernandes G, Cooch P, Fong N, Hartmann M, Kwan M, Childress K.**

### **Pediatric blood culture contamination**

**Presented at:** Kaiser Permanente East Bay Pediatric Continuing Medical Education Grand Rounds, April 9, 2025.

**Fong N.**



### **Stop shortcuts from cutting lives short: Mitigating heuristics to save lives**

**Presented at:** Pediatric Hospital Medicine Meeting, July 24, 2025.

**Gabhart JM, Shah R, Fernandes G, Vaks Y, Childress K, Stephens L, Tijerina M.**

### **Delabeling beta lactam allergies**

**Presented at:** Kaiser Permanente East Bay Pediatric Continuing Medical Education Grand Rounds, May 1, 2025.

**Hancock R, Fernandes G.**

### **Healthy start: A comprehensive approach to childhood nutrition, ACEs and food insecurity**

**Presented at:** Kaiser Permanente East Bay Pediatric Continuing Medical Education Grand Rounds, January 15, 2025.

**Jain C.**

### **The impact of neighborhood-level social determinants of health on pediatric appendicitis outcomes within an integrated healthcare system**

**Presented at:** Pediatric Academic Societies Meeting, April 28, 2025.

**Kragel E, Bhattacharjee P, Brown M, Wei J, Weintraub MR, Yamout S.**

### **PASS format and residents' satisfaction of sign-out**

**Presented at:** Kaiser Permanente East Bay Pediatric Continuing Medical Education Grand Rounds, April 30, 2025.

**Mai N.**

### **Sickle cell disease protocol ER**

**Presented at:** Kaiser Permanente East Bay Pediatric Grand Rounds, May 28, 2025.

**Nguyen P, Ali M.**

### **Care optimization during vaso-occlusive pain crisis in pediatric patients with sickle cell disease**

**Presented at:** Pediatric Academic Societies Meeting, April 24-28, 2025.

**Nguyen P, Ali M, Wang T, Zhao Y, Ritterman Weintraub M, Shah R.**



Dr. Lydia Maleknia, MD, is originally from Atlanta, Georgia. She earned her undergraduate degree in Biology from Georgia Tech and her medical degree from the University of South Carolina School of Medicine, Greenville. She joined the Kaiser Permanente Northern California Graduate Medical Education (KPNC-GME) program in 2017 for her Pediatrics residency, where she later served as chief resident, and completed a fellowship in Pediatric Hospital Medicine in 2023.

During her training, Dr. Maleknia developed simulation-based procedure and clinical reasoning curricula, led quality improvement initiatives, implemented a peripheral IV extravasation protocol, and conducted multiple research projects in collaboration with the BSCU, with publications on pediatric clinical topics including E. coli infections, infant UTI, and subconjunctival hemorrhages.

### More than just optics: Optic nerve meningioma in a pediatric patient

**Presented at:** Pediatric Hospital Medicine Meeting, July 24-27, 2025 and Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Nguyen P, Kragel E.**

### Differences in pediatric emergency department triage accuracy by race/ethnicity

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025 and Kaiser Permanente Northern California SCOPE Scholarly Symposium, April 16, 2025.

**Nguyen P, Reed M, Warton M, Sax D.**

### Hip pain and hunches: When the answer wasn't where it hurt

**Presented at:** Pediatric Hospital Medicine Conference, July 24-27, 2025.

**Ramos E, Kragel E, Perry R, Ritterman Weintraub M, Kane M.**

### **Minimizing documentation roadblocks in pediatric outpatient medicine outcomes within an integrated healthcare system**

**Presented at:** Kaiser Permanente East Bay Pediatric Continuing Medical Education Grand Rounds, April 16, 2025.

**Rickett B, Rizkala C.**

### **Emergency department triage accuracy and delays in care for high-risk conditions**

**Presented at:** Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Sax D, Warton M, Mark D, Reed M.**

### **In-flu-enza: The flu in pediatrics: A review of pediatric flu cases**

**Presented at:** Kaiser Permanente East Bay Pediatric Grand Rounds, May 7, 2025.

**Xi M.**

## **Podiatry**

### **Local anesthetic duration, not onset, linked to MC1R genotype in redheads and brunettes**

**Major Findings:** Specific mutations in the MC1R gene, which is associated with red hair, significantly predict a reduced duration of action for local anesthetics.

**Published in:** J Am Podiatr Med Assoc. 2025 Jan-Feb;115(1):24-029. doi: 10.7547/24-029. PMID: 40126997.

**Dalman M, Blazer MM, Petrozzi R, Pallas B, Huynh S, Alden C, Menaria T, Lin J, Pixton A, Nagajothi N.**

### **Association between isolated fibular fracture displacement and deep deltoid injury: A comparative analysis of arthroscopic and radiographic assessments**

**Major Findings:** Although fracture displacement increased when the deep deltoid ligament was compromised, the anterior to posterior fracture gap distance measured on radiographs was found to be an unreliable indicator of deltoid ligament integrity.

**Published in:** J Foot Ankle Surg. 2025 Nov 19:S1067-2516(25)00337-0. doi: 10.1053/j.jfas.2025.11.013. Epub ahead of print. PMID: 41265827.

**Ramirez F, Collman DR, Jiang S, Schuberth J.**



### Incidence of acute and subacute deep infection in patients undergoing ankle fracture open reduction with internal fixation and associated risk factors

**Major Finding:** Deep surgical site infections (SSIs) can be prevented in ankle fracture patients with internal fixation by decreasing operative time and tourniquet time. Development of SSI was unrelated to body mass index, and use of either loban or antibiotic powder.

**Published in:** J Foot Ankle Surg. 2025 Nov 25:S1067-2516(25)00341-2. doi: 10.1053/j.jfas.2025.11.016. Epub ahead of print. PMID: 41308822.

Tong KP, Huaitao Z, Dong H, Yang J, Bowlby M.

### A case of primary cutaneous diffuse large B-cell lymphoma, leg type in the metatarsal bone

**Major Findings:** This case report highlights that primary cutaneous diffuse large B-cell lymphoma can secondarily invade the bone and may be diagnosed through a metatarsal biopsy.

**Published in:** J Am Podiatr Med Assoc. 2025 Mar-Apr;115(2):23-077. doi: 10.7547/23-077. PMID: 40286289.

Tong KP, O'Connor A, Tischler S, Bowlby MA.

### Mortality of geriatric ankle fracture

**Presented at:** Kaiser Permanente Northern California Foot & Ankle Summit, May 3, 2025.

Abjelina K.

### Early weightbearing versus traditional non-weightbearing in acute Jones fractures: A retrospective cohort analysis from a multicenter integrated healthcare system

**Presented at:** Kaiser Permanente Podiatry Summit, May 3, 2025.

Bodempudi V, Furness T, Acra Y, Mita S, Dang K, Williams G, Wei J.

**Does plate vs. screw fixation affect non-union rate in 2nd and 3rd tarsometatarsal joint fusions among patients in an integrated health system? A retrospective study**

**Presented at:** Kaiser Permanente Podiatry Summit, May 3, 2025 and Kaiser Permanente Napa-Solano Interprofessional Research Week, May 16, 2025.

**Bodempudi V, Hang S, Kim D, Svidler F, Kernbach K, Brown M, Dang K.**

**Optimizing fixation: How third screw orientation affects complications in Lapidus bunionectomy**

**Presented at:** Kaiser Permanente Podiatry Summit, May 3, 2025 and Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

**Caldera A, Wade E, Weintraub MR, King C.**

**Effects of 3rd .point of fixation in Lapidus bunionectomy**

**Presented at:** Kaiser Permanente Northern California Foot & Ankle Summit, May 3, 2025.

**Caldera A.**

**Ultrasound imaging of Achilles tendon ruptures treated non-surgically to determine the impact of tendon gap size on patient outcome**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Herman C, Hayano T, Jiang SF, Triplett C.**

**Impact of vitamin K antagonist warfarin on ankle fracture healing**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025 and American College of Foot and Ankle Surgeons Scientific Conference, March 27-30, 2025.

**Hoque T, Fink D, Bowlby M.**

**Effects of systemic inflammatory diseases on the long-term outcomes of talar microfracture surgery**

**Presented at:** Kaiser Permanente Podiatry Summit, May 3, 2025.

**Huynh S, Wang T, Carter R.**

### **Intermedullary fibular fractures nail for high-risk fibula fractures**

**Presented at:** Kaiser Permanente Northern California Foot & Ankle Summit, May 3, 2025.

**Jones M.**

### **The vantage total ankle system: Short-term outcomes and early weight-bearing analysis on the tibial tray interface**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Kennedy M, Krcal C, Pollard J, Schuberth J, Jiang SF.**

### **Early weight bearing in the vantage total ankle: An analysis of the tibial tray interface**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, April 16, 2025.

**Kennedy M.**

### **Vantage total ankle replacement**

**Presented at:** Kaiser Permanente Northern California Foot & Ankle Summit, May 3, 2025.

**Kennedy M.**

### **Evaluating improvements in perioperative pain management in foot and ankle surgery with the use of regional liposomal bupivacaine blocks**

**Presented at:** American College of Foot and Ankle Surgeons Scientific Conference, March 27-30, 2025.

**Loitz J, Brown M, Dang K, Sibal J, Byrd A, Sellenriek S.**

### **Percutaneous needling with prolotherapy in treating chronic achilles tendinopathy**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Mariano C, Abjelina K, Hayano T, Bailowitz Z.**

### **Pediatric osteomyelitis of the foot and ankle**

**Presented at:** Kaiser Permanente Podiatry Summit, May 3, 2025.

**Nijjar S, Naveed M, Ion E, King C, Williams M.**



Christy King, DPM, FACFAS, currently serves as the Residency Director for the Kaiser Permanente (KP) San Francisco Bay Area Foot & Ankle Residency Program, with a focus on sports medicine, ankle tendon reconstruction, and trauma. She is also the chair to the KP Northern California Foot and Ankle Residency Research Summit, during which time it has evolved into a world-class symposium.

Since joining The Permanente Medical Group in 2012, she has demonstrated her clinical expertise and skill as a teacher in foot and ankle surgery. Dr. King has authored 24 publications in peer-reviewed journals and presented at many conferences across the country, and her podiatric residents have published over 80 articles.

#### Loss of correction for Lisfranc ORIF

**Presented at:** Kaiser Permanente Northern California Foot & Ankle Summit, May 3, 2025.

Sehgal A, Chung D.

#### The effect of hardware removal timing on Lisfranc ORIF loss of correction

**Presented at:** American College of Foot and Ankle Surgeons Conference, March 27-30.

Sehgal A, Grimes N, Ritterman Weintraub M, Pollard J.

#### Outcomes after implementing a wound care clinic within a podiatry department

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

To A, Folck B, Balani E.



### Effect of tibial sesamoid position on patient functional outcome scores after distal chevron osteotomy

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

Tran T, Stram D, Schneider M, Bowlby M.

### Effect of tibial sesamoid position on patient functional outcome scores after distal chevron osteotomy

**Presented at:** American College of Foot and Ankle Surgeons Scientific Conference, March 27-30, 2025.

Tran T, Vijayakumar A, Stram D, Schneider M, Bowlby M.

### Retrospective analysis on the outcomes of patients who had native septic foot and ankles

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025 and Kaiser Permanente Podiatry Summit, May 3, 2025.

Xu L, Stram D, Lickiss J.

## Psychiatry



### Google searches for alcohol and association with alcohol-related outpatient encounters before and during the COVID-19 pandemic

**Major Finding:** Google search trends for alcohol-related topics had a weak but consistent positive association with actual alcohol-related outpatient clinic visits, with search volumes exceeding expected levels early during the COVID-19 pandemic.

#### Published in:

Sci Rep. 2025 Jul 30;15(1):27750. doi: 10.1038/s41598-025-13606-y. PMID: 40739127; PMCID: PMC12311184.

Constant A, Xu R, Folck B, Tucker LY, Houk-Syau S, Harris B, Young-Wolff K, Hsin H.

### Selective serotonin reuptake inhibitor-induced mania in a patient with moderate intellectual developmental disorder: A case report

**Major Findings:** This case report underscores the importance of screening for bipolar spectrum disorders in patients with intellectual developmental disorders to avoid treatment-induced mania.

**Published in:** Journal of Pediatric Neuropsychology. 2025 Nov 6.

**Constant AB, Muneer S, Rana M.**

### Description and results of a seminar on psychiatric advance directives for psychiatry residents

**Major Findings:** A brief one-hour seminar significantly increases psychiatry residents' knowledge and comfort regarding the clinical use of psychiatric advance directives.

**Published in:** Acad Psychiatry. 2025 Dec;49(6):589-590. doi: 10.1007/s40596-025-02177-9. Epub 2025 Jul 1. PMID: 40593404.

**Esquivel EL, Ramalingam ND, Hirschtritt ME, Arsan C.**



### Clinical setting of initial psychotic spectrum disorder diagnoses in an integrated health system

**Major Finding:** Nearly half of initial psychotic spectrum disorder diagnoses occurred in emergency departments, which highlights the importance of the emergency department as a critical point for early identification and the need for improved pathways to specialty psychiatric care.

**Published in:** Am J Manag Care. 2025 Nov 1;31(11):e313-e314. doi: 10.37765/ajmc.2025.89821. PMID: 41289289.

**Haigler C, Kline-Simon A, Hirschtritt M, Stavers-Sosa I.**

### Patient and physician perceptions of a hypercholesterolemia safety-net program

**Major Findings:** Barriers to statin adherence include patient fears of side effects and physician workload, suggesting that automated reminders could facilitate better follow-up care.

**Published in:** Am J Manag Care. 2025 Sep;31(Spec. No. 10):SP680-SP690. doi: 10.37765/ajmc.2025.89794. PMID: 40939084.

Harrison TN, Zhou M, Zhou H, Derakhshan H, Zia M, Kanter MH, Scott RD, Imley TM, Sanders MA, Timmins R, Reynolds K, Mefford MT.

### Bridging the gap from efficacy to effectiveness to reduce duration of untreated psychosis

**Major Findings:** Targeted urban health campaigns and integrated primary care screening may be effective strategies for reducing the duration of untreated psychosis in diverse communities.

**Published in:** Psychiatr Serv. 2025 Jun 1;76(6):535-536. doi: 10.1176/appi.ps.25076009. PMID: 40450558.

Sanders MA, Hirschtritt ME.



### Primary care-based alcohol screening and alcohol use among transgender and cisgender adults in an integrated health system

**Major Finding:** Transgender individuals were more likely to receive alcohol screening whereby, among those screened, had a lower prevalence of excessive alcohol use compared to cisgender patients.

**Published in:** Am J Prev Med. 2025 Dec 23:108240. doi: 10.1016/j.amepre.2025.108240. Epub ahead of print. PMID: 41448286.

He S, Darby-McClure R, Hirschtritt ME, Sterling SA, Silverberg MJ, Leyden WA, Shu AH, Andrewson TS, Palzes VA.

### Expanding access to mental health services for justice-involved youths

**Major Findings:** Justice-involved youths under community supervision require far more robust mental health services to address trauma and reduce the risk of reoffending.

**Published in:** Psychiatr Serv. 2025 Aug 1;76(8):704-705. doi: 10.1176/appi.ps.25076012. PMID: 40746080.

**Shu AH, Hirschtritt ME.**

### Minding the research mentorship gap during psychiatry residency

**Major Findings:** To strengthen the psychiatrist-scientist pipeline, residency programs should offer dedicated funding for research mentors and formal training in research skills for all residents.

**Published in:** Acad Psychiatry. 2025 Aug;49(4):403-404. doi: 10.1007/s40596-025-02144-4. Epub 2025 Apr 25. PMID: 40281375.

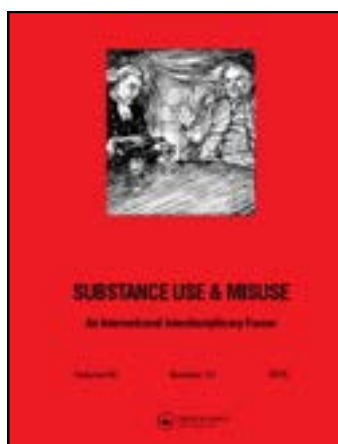
**Shu AH, Mathews CA, Voglmaier SM, Hirschtritt ME.**

### Development and evaluation of an introductory course series on geriatric mental health for general psychiatry residents

**Major Findings:** A multifaceted six-module geriatric curriculum effectively improves residents' subjective knowledge and comfort levels in caring for the mental health needs of older adults.

**Published in:** Acad Psychiatry. 2025 Oct;49(5):460-464. doi: 10.1007/s40596-025-02189-5. Epub 2025 Sep 22. PMID: 40983854.

**Shu AH, Shvartsur A, Hirschtritt ME, Ramalingam N, Maygren DJ.**





### Psychotic-spectrum disorders with comorbid anxiety are predisposing factors for Parkinson's disease in a case-control study

**Major Finding:** Psychotic-spectrum disorders and comorbid anxiety were associated with significantly higher odds of developing Parkinson's disease in adults over 60.

**Published in:** Perm J. 2025 Mar 14;29(1):102-107. doi: 10.7812/TPP/24.131. Epub 2025 Jan 12. PMID: 39799392; PMCID: PMC11907661.

Shvartsur A, Peterman K, Ramalingam ND, Eyal R, Khandhar S, Medina M, Hirschtritt ME.

### Associations of local cannabis policy and retail availability with adolescent mental health

**Major Findings:** Prohibiting storefront cannabis retail is linked to lower rates of adolescent psychotic disorders, whereas higher retail availability near homes is associated with increased mental health issues.

**Published in:** Subst Use Misuse. 2025;60(10):1571-1576. doi: 10.1080/10826084.2025.2505145. Epub 2025 May 16. PMID: 40380774; PMCID: PMC12210822.

Silver LD, Slama NE, Dong H, Padon AA, Pacula RL, Alexeeff SE, Sterling SA, Dyer WT, Campbell CI, Satre DD, Lu Y, Does MB, Annam J, Young-Wolff KC.

### The impact of shelter-in-place during the COVID-19 pandemic on social support for mental health recovery: A prescribing-oriented qualitative study of patient perspectives

**Major Findings:** For patients receiving mental health treatment, subjective social connection was identified as a critical element for resilience and recovery during pandemic shelter-in-place period.

**Published in:** PLoS One. 2025 Jan 17;20(1):e0316582. doi: 10.1371/journal.pone.0316582. PMID: 39823478; PMCID: PMC11741564.

Song, A, Chao T, Harris B, Hsin H.

**Ethical considerations for end-of-life care for psychiatrically incapacitated patients: A systematic review**

**Presented at:** Annual Assembly of Hospice and Palliative Care, February 2, 2025.

**Avila S, Robbins-Welty G, Yang R, Shin G, Spaulding S, Swain S, Patel K, Haines K, Wride M, Nakatani M, Driscoll A, Grisel B, Brown M, Corbin L, Hockran S, Khalil K.**

**Investigation of conservatorship as treatment for substance use disorders in California**

**Presented at:** Kaiser Permanente East Bay Psychiatry Grand Rounds, February 12, 2025.

**Bal B.**

**How to become a climate informed psychiatrist: Resident, fellow and medical student track panel**

**Presented at:** American Psychiatric Association Annual Meeting, May 17-21, 2025.

**Bernstein D.**

**Introducing a high-yield evidence-based child and adolescent psychiatry curriculum**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Bravo A, Harris B, Rana M.**

**The relationship between sleep quality and depression symptom change in repetitive transcranial magnetic stimulation (rTMS) for depression**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Chen E, Souboch E, Hsiao F, Duan L, Ibrahim Y, Harris B, Erickson-Ridout KK, Ridout S.**

**Effects of repetitive transcranial magnetic stimulation (rTMS) on sleep in patients undergoing treatment for depression at community-based outpatient clinics in Northern California**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Chen E, Souboch E, Hsiao F.**

**Response and remission rates of patients with bipolar depression treated with Repetitive Transcranial Magnetic Stimulation (rTMS/ TMS) at community-based outpatient clinics in Northern California**

**Presented at:** American Psychiatric Nurses Association Annual Conference, October 15-18, 2025.

**Constant A, Bongale R, Roybal BO.**

**Longitudinal analysis of symptom improvement in patients with bipolar depression treated with repetitive transcranial magnetic stimulation**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Constant A, Ibrahim Y, Roybal B, Bongale R, Han B, Harris B, Ridout S.**

**Utilization of EEG mapping tool to predict trans-dimensional symptoms and investigate neuroanatomical correlates in depression**

**Presented at:** American Psychiatric Association Annual Meeting, May 17, 2025.

**Constant A, Subramanian A, Keller C.**

**Comparing rates of alcohol use screening and unhealthy alcohol use among transgender and cisgender adults**

**Presented at:** Kaiser Permanente Division of Research Center for Addiction and Mental Health Research Science Meeting, June 2, 2025.

**Darby-McClure R, He S, Hirschtritt M, Sterling S, Silverberg M, Leyden W, Andrewson T, Shu A, Palzes V.**



KAISER PERMANENTE  
**SCOPE**  
SCHOLARLY SYMPOSIUM

AMERICAN  
**PSYCHIATRIC**  
ASSOCIATION



American  
Psychiatric  
Nurses  
Association

**Alcohol screening rates and prevalence of unhealthy alcohol use among transgender and cisgender adults in a large, integrated health system**

**Presented at:** Research Society on Alcohol Scientific Meeting / International Society for Biomedical Research on Alcoholism Congress, June 25, 2025.

**Darby-McClure R, He S, Hirschtritt M, Sterling S, Silverberg M, Leyden W, Andrewson T, Shu A, Palzes V.**

**Comparing rates of alcohol use screening and unhealthy alcohol use among transgender and cisgender adults**

**Presented at:** Kaiser Permanente East Bay Psychiatry Grand Rounds, March 27, 2025.

**Darby-McClure R, Hirschtritt M, Sterling S, Silverberg M, Leyden W, Andrewson T, Shu A, Palzes V.**

**Influence of adverse childhood experiences on effectiveness of transcranial magnetic stimulation for major depressive disorder**

**Presented at:** American Psychiatric Association Annual Meeting, May 17-21, 2025 and Northern California Psychiatric Society Annual Meeting, March 14-26, 2025.

**Duan L, Hsiao F, Souboch E, Chen E, Ibrahim Y, Harris B, Ridout S.**

**The life cycle of a chief resident: From selection to development**

**Presented at:** American Association of Directors of Psychiatric Residency Training, March 7, 2025.

**Ferrer J, Yang Z, Dragonetti J, Trello-Rishel K, Song A.**

**Utilization of narrative medicine curriculum to improve wellness and resiliency within psychiatry residency training**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Hsu C, Bravo A, Paul R, Constant A, Ross A, Bernstein D, Yang Z.**

**Influence of adverse childhood experiences on effectiveness of transcranial magnetic stimulation for major depressive disorder**

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

**Kanja K, Duan L, Hsiao F, Souboch E, Emily Chen, Ibrahim Y, Harris B, Ridout S.**



**Nirmala Ramalingam, MPP**  
Research Project Manager  
Oakland



*As a research project manager supporting residents, fellows, and faculty, I see firsthand the value the BSCU brings to trainee scholarly work. Their expertise in study design, data analysis, and research methodology helps transform early ideas into high quality projects that results in presentations and peer-reviewed publications. The BSCU's collaborative and responsive approach makes them an invaluable partner in advancing meaningful scholarship across our GME programs.*



#### Utilization of narrative medicine curriculum to improve wellness and resiliency within psychiatry residency training

**Presented at:** Kaiser Permanente Northern California SCOPE Scholarly Symposium, May 1, 2025.

Maloney C, Bravo A, Paul R, Constant A, Ross A, Bernstein D, Yang Z.

#### Semaglutide: Implications for mental health

**Presented at:** Kaiser Permanente East Bay Psychiatry Grand Rounds, February 26, 2025.

Nease C.

#### Utilization of narrative medicine curriculum to improve wellness and resiliency within psychiatry residency training

**Presented at:** American Psychiatric Association Annual Meeting, May 18, 2025.

Paul R, Constant A, and Yang Z.

#### Behavioral health education use among older adult patients

**Presented at:** Annual Scientific Meeting of the American Geriatrics Society, May 9, 2025 and Kaiser Permanente East Bay Academy of Medical Educators Research and Scholarship Symposium, March 27, 2025.

Sosa E, Zhao Y, Maben A, Maygren D, Ramalingam N, Hirschtritt M.

**Third-place in the Education Category at the Annual Scientific Meeting of the American Geriatrics Society**



### **The relationship between sleep quality and depression symptom change in repetitive transcranial magnetic stimulation (rTMS) for depression**

**Presented at:** Northern California Psychiatric Society Annual Meeting, March 14-16, 2025 and American Psychiatric Association Annual Meeting, May 17-21, 2025.

**Souboch E, Hsiao F, Duan L, Ibrahim Y, Harris B, Erickson-Ridout KK, Ridout S.**

### **Ask about gaming! Internet gaming disorder and beyond**

**Presented at:** Kaiser Permanente East Bay Psychiatry Grand Rounds, May 28, 2025.

**Yoon J.**

## **Pulmonary & Critical Care Medicine**

### **Diaphragmatic paralysis**

**Major Findings:** Diaphragmatic paralysis is primarily caused by phrenic nerve injury following cardiothoracic surgery or trauma and can be effectively managed through surgical plication, phrenic nerve pacing, or ventilatory support to improve lung function and respiratory mechanics.

**Published in:** Ferri's Clinical Advisor 2025, 390.e2-390.e5

**Nadjarian A, Le P.**

### **Obstetric critical care**

**Presented at:** Critical Care Medicine Morbidity and Mortality Conference, May 1, 2025.

**Ghaus S.**

### **Role of CRRT and bicarbonate therapy in refractory acidosis**

**Presented at:** Critical Care Medicine Morbidity and Mortality Conference, April 4, 2025.

**Hannon C.**

### **Cardiopulmonary physiology and positive pressure ventilation**

**Presented at:** Kaiser Permanente Grand Rounds, March 28, 2025.

**Maehara C.**

### **Artificial intelligence in pulmonary imaging**

**Presented at:** Kaiser Permanente Grand Rounds, May 2, 2025.

**Nadjarian A.**

### **LV and RV function**

**Presented at:** Internal Medicine Residency Noon Conference, May 28, 2025 and Hue Hospital Grand Rounds, April 28, 2025.

**Nadjarian A.**

### **Basics of ultrasound**

**Presented at:** Hue Hospital Grand Rounds, April 28, 2025.

**Nadjarian A.**

### **Shock evaluation using ultrasound**

**Presented at:** Internal Medicine Residency Noon Conference, May 30, 2025.

**Nadjarian A.**

### **Evaluating the impact of tele-critical care implementation on inpatient mortality and length of stay**

**Presented at:** American Thoracic Society Meeting, May 16-21, 2025

**Panchal A, Kipnis P, Guarnieri M.**

### **Targeted therapy in COPD**

**Presented at:** Kaiser Permanente Grand Rounds, January 24, 2025.

**Panchal A.**

### **Hemothorax following small-bore chest tube placement**

**Presented at:** Critical Care Medicine Morbidity and Mortality Conference, March 14, 2025.

**Panchal A.**

### **Pleuroperitoneal leak: A rare case of pleural effusion in a peritoneal dialysis patient**

**Presented at:** American Thoracic Society Meeting, May 16-21, 2025.

**Tom C, Doo K.**



# Urogynecology

**Are the uterosacral ligaments detached in young women with pelvic floor symptoms after birth?**

**Major Findings:** The authors argue that describing uterosacral ligaments as "detached" in MRI studies is misleading, as their lack of visibility in specific imaging slices is more likely due to ligament angulation or technical artifacts than to actual physical separation.

**Published in:** Acta Obstet Gynecol Scand. 2025 Jun;104(6):1218-1219. doi: 10.1111/aogs.15058. Epub 2025 Feb 7. PMID: 39918112; PMCID: PMC12087517.

DeLancey JOL, Cheng W, Chen L.



## **Antimuscarinic use and dementia incidence in women with overactive bladder**

**Major Finding:** The use of antimuscarinic medications for overactive bladder was associated with a higher incidence of dementia and cognitive impairment in women aged 55 and older, with risk increasing in cases of cumulative exposure.

**Published in:** Urogynecology (Phila). 2025 Nov 25. doi: 10.1097/SPV.0000000000001708. Epub ahead of print. PMID: 41329613.

Painter C, Stram D, Velasco V, Cheng W, Korn A, Ramm O.

## **Adverse childhood experiences and urogenital pain/irritative voiding symptoms**

**Presented at:** Kaiser Permanente Northern California Obstetrics & Gynecology Resident Research Symposium, April 5, 2025.

Saad J, Malekian C, Deraleau E, Tucker L-Y, Hen E, Ramm O.

## Implications of neighborhood deprivation index on post-operative complications after pelvic organ prolapse (POP) surgery

**Presented at:** Society of Gynecologic Surgeons Annual Scientific Meeting, March 30-April 2, 2025.

**Toro M, Deraleau E, Malekyan C.**



### Increased vaginal cuff dehiscence among gender diverse people on testosterone

**Major Finding:** Gender-diverse individuals on testosterone had more than double the risk of vaginal cuff dehiscence following gender-affirming hysterectomy compared to cisgender women.

**Published in:** Am J Obstet Gynecol. 2025 Mar 27:S0002-9378(25)00173-5. doi: 10.1016/j.ajog.2025.03.027. Epub ahead of print. PMID: 40157523.

**Wong JWH, Xu RH, Vega S, Stephens J, Ritterman Weintraub M, Tucker LY, Ramm O, Zaritsky EF.**



The 22<sup>nd</sup> Annual  
Kaiser Permanente Northern California  
Obstetrics and Gynecology



RESIDENT  
RESEARCH  
SYMPOSIUM

# Kaiser Permanente School of Medicine (KPSOM)

Since the **Kaiser Permanente Bernard J. Tyson School of Medicine's** first class entered in 2020, they have partnered with **Kaiser Permanente Division of Research** investigators to generate student-led research. In 2025, this partnership extended to **medical center-based TPMG physicians** with support from the BSCU.

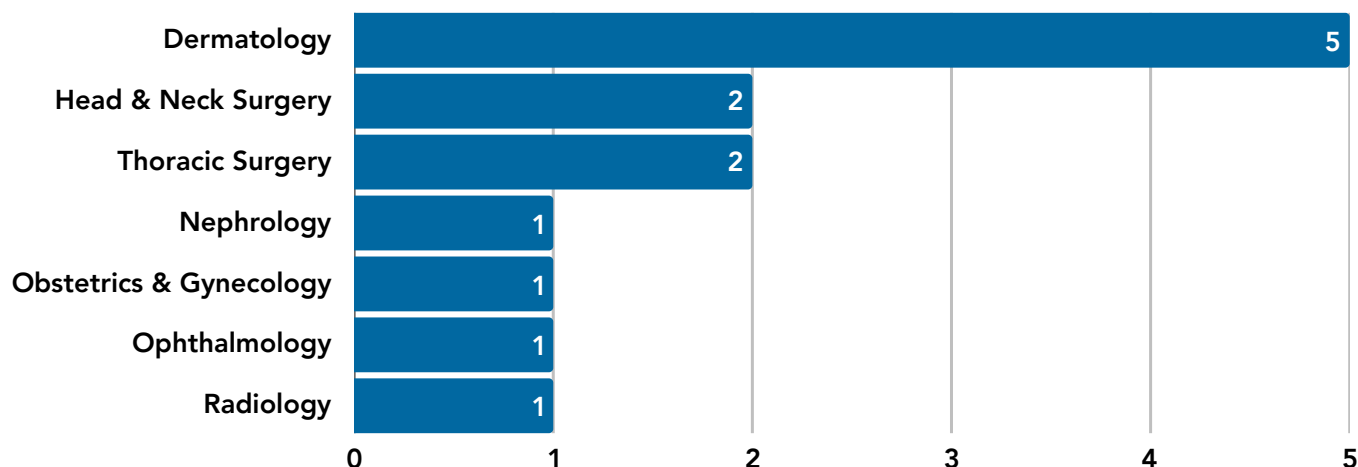
2025-BSCU supported projects addressed a range of topics, including:

- Evaluating treatment effectiveness and outcomes
- Investigating disease trends and natural history
- Identifying and addressing healthcare disparities
- Optimizing clinical operations and care delivery
- Analyzing external risk factors



For a comprehensive list of BSCU supported KPSOM projects

## 2025 BSCU Supported KPSOM Projects by Clinical Specialty N=13



# KP School of Medicine

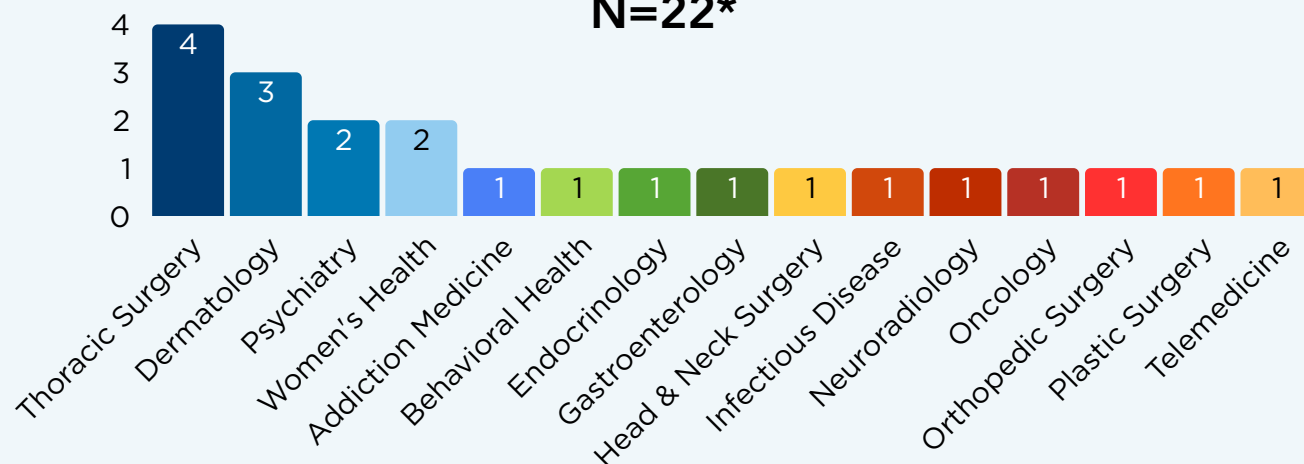
## KPNC Publications

The following scholarly products reflect collaborations between Division of Research investigators and TPMG attendings with KPSOM medical students. These 22 peer-reviewed publications span a broad range of clinical areas and appeared in high-impact journals such as JAMA Network Open, The American Journal of Gastroenterology, Annals of Thoracic Surgery, and The American Journal of Preventive Medicine.

Together, these publications illustrate the breadth of the KPSOM–Northern California research partnership and the meaningful contributions medical students are making to discovery within Kaiser Permanente.

### 2025 KPSOM Publications by Clinical Topic

N=22\*



\*Includes non-BSCU supported manuscripts (n=17)



*KPSOM is excited to partner with BSCU to broaden research opportunities for Kaiser Permanente's medical students. Through this collaboration we draw on DOR's longstanding expertise in producing meaningful research and transforming KP's rich and complex healthcare data into actionable insights. Together we will empower the next generation of physicians with the skills to contribute to evidence-based care of the future.*



**Jonathan A. Finkelstein, MD, MPH**  
Sr. Associate Dean for Research and Scholarship

# KP School of Medicine

## Scholarly Highlights by Specialty

The following highlights represent substantial scholarly achievement from KPSOM medical students and faculty in collaboration with research scientists, TPMG attendings, and programmer analysts in Kaiser Permanente Northern California. They include publications and awards.

### Addiction Medicine

#### Cocaine use disorder and risk of acute coronary syndromes in adults with unhealthy drinking

**Major Finding:** Among adults with unhealthy alcohol use, cocaine use disorder was not significantly linked to acute coronary syndrome (ACS), though the heaviest drinking patterns were associated with somewhat higher adjusted risk of ACS.

**Published in:** J Addict Dis. 2025 Nov 12:1-9. doi: 10.1080/10550887.2025.2581566. Epub ahead of print. PMID: 41229142.

Towns B, Palzes VA, Sterling S, Go AS, Campbell CI.

### Behavioral Health

#### Partner history of problematic substance use and self-reported substance use during early pregnancy: Findings from Kaiser Permanente Northern California, 2021-2022

**Major Finding:** A partner's history of problematic substance use is significantly associated with increased odds of using alcohol, cannabis, e-cigarettes, and/or tobacco during early pregnancy.

**Published in:** Matern Child Health J. 2025 Nov;29(11):1505-1511.  
doi: 10.1007/s10995-025-04164-w. Epub 2025 Sep 3. PMID: 40900197.

Gallegos R, Slama NE, Duggan MC, Ansley D, Castellanos C, Young-Wolff KC.



# Dermatology

## Mycosis fungoides unmasked by tralokinumab treatment for atopic dermatitis

**Major Finding:** This case report describes a fatal progression of mycosis fungoides that was potentially unmasked or initially misdiagnosed during tralokinumab treatment for atopic dermatitis.

**Published in:** JAAD Case Rep. 2025 Apr 17;61:85-88. doi: 10.1016/j.jdcrr.2025.03.030. PMID: 40538794

Basrai S, Gomez-Lara AR, Dahabreh D, De Feraudy S, Tsai EY, McCleskey PE.

## Evaluation of actinic keratosis as a risk factor for subsequent nonskin cancer risk

**Major Finding:** While actinic keratosis was not associated with an overall increased risk of nonskin cancers, it did emerge as a significant predictor for subsequent breast and prostate cancers.

**Published in:** JID Innov. 2025 Apr 22;5(4):100374. doi: 10.1016/j.xjidi.2025.100374. PMID: 40469236; PMCID: PMC12136887.

Gomez-Lara AR, George CD, Jiang C, Yin J, Kim Y, Quesenberry CP, Jorgenson E, Madani S, Asgari MM, Choquet H.

## Racial and ethnic differences in the prevalence of frontal fibrosing alopecia in a large integrated healthcare system

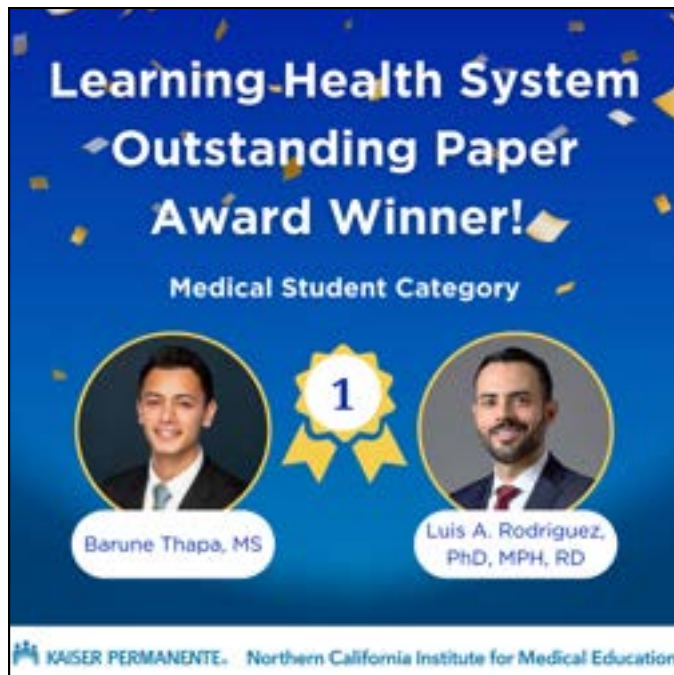
**Major Finding:** Although frontal fibrosing alopecia is most common in White patients, over one-third of cases occur in patients with skin of color, who are diagnosed at a significantly younger average age compared to White patients.

**Published in:** J Am Acad Dermatol. 2026 Apr;94(4):1329-1331.

Gomez-Lara AR, Wade ED, Mirmirani P.



## Endocrinology



**Clinical and demographic characteristics associated with diabetes remission in six integrated health care systems: A retrospective cohort study**



**Major Finding:** Type 2 diabetes remission occurred in only 2.9% of adults and was most strongly associated with reductions in medications, lower baseline HbA1c, and shorter disease duration.

**Published in:** Diabetes Care. 2025 Oct 1;48(10):1737-1743. doi: 10.2337/dc25-0530. PMID 40734551; PMCID: PMC12451825.

Thapa B, Schmittiel JA, Arterburn D, Neugebauer R, Dyer W, O'Connor PJ, An J, Cassidy, Bushrow AE, Gilliam LK, Hooker SA, Nolan MB, Oshiro CES, Thomas T, Simonson G, Dombrowski SK, Rodriguez LA.

**First-place winner of 2025 Learning Health System Outstanding Paper Award, Medical Student Category**

## Gastroenterology

**Rebound in fecal testing, colonoscopy utilization, and colorectal neoplasia detection during the COVID-19 pandemic**

**Major Finding:** After initial pandemic-related declines, colorectal cancer screening and neoplasia detection showed a strong rebound in 2021 across most demographic groups, bolstered by increased fecal testing.

**Published in:** Am J Gastroenterol. 2025 Oct 1;120(10):2422-2431. doi: 10.14309/ajg.0000000000003293. Epub 2025 Jan 6. PMID: 39760381; PMCID: PMC12228842.

Langevin MJ, Jensen CD, Marks AR, Merchant SA, Badalov J, Lee JK, Lam AY, Halm EA, Levin TR.

## Head & Neck Surgery

### Dupilumab adverse reactions in eosinophilic esophagitis treatment: a Food and Drug Administration Adverse Event Reporting System database analysis

**Major Finding:** While dupilumab generally has a favorable safety profile, patients treated for eosinophilic esophagitis reported higher rates of injection-site and gastrointestinal reactions, with older adults at higher risk for serious outcomes.

**Published in:** Diseases of the Esophagus, Volume 38, Issue 4, August 2025, doaf055, <https://doi.org/10.1093/dote/doaf055>

Bowyer K, Swisher RA, Jiang N, Liang J.

## Infectious Disease

### Development and validation of prediction algorithm to identify tuberculosis in two large California health systems

**Major Finding:** A new clinical risk prediction model using electronic health record data significantly improved the efficiency and sensitivity of tuberculosis screening compared to current methods.

**Published in:** Nat Commun. 2025 Apr 10;16(1):3385. doi: 10.1038/s41467-025-58775-6. PMID: 40204727; PMCID: PMC11982269.

Fischer H, Qian L, Li Z, Bruxvoort K, Skarbinski J, Ni Y, Ku JH, Lewin B, Garba S, Mahale P, Shaw SF, Spence B, Tartof SY.

## Neuroradiology

### Decubitus myelography for spinal extradural arachnoid cyst: Better classified as a lateral dural CSF leak?

**Major Finding:** Dynamic imaging techniques can precisely identify dural defects in spinal extradural arachnoid cysts, suggesting these lesions may represent a spectrum of lateral dural cerebrospinal fluid leaks.

**Published in:** American Journal of Neuroradiology October 2025, DOI: <https://doi.org/10.3174/ajnr.A8856>

MamloukV MD, Zamar AR, Lützen N, Beck J, Gutierrez A, Sedrak MF.



OXFORD  
ACADEMIC

nature communications

## Oncology

### Screening for comprehensive social needs in patients with cancer: A narrative review

**Major Finding:** Screening for social needs in cancer patients is feasible with a number of validated tools, but significant gaps remain in the generalizability of implementation to diverse populations.

**Published in:** JNCI Cancer Spectr. 2025 Mar 3;9(2):pkaf012. doi: 10.1093/jncics/pkaf012. PMID: 39873703

Arana I, Liu R, Kushi L, Hahn E, Ragavan M.

## Orthopedic Surgery

### Deltoid compartment syndrome and pulmonary embolism following arthroscopic rotator cuff repair

**Major Finding:** This case report showed that deltoid compartment syndrome can occur as a rare but serious complication of thrombolytic therapy for pulmonary embolism, particularly in patients with undiagnosed prothrombotic conditions like antiphospholipid syndrome.

**Published in:** JSES Rev Rep Tech. 2025 Jan 21;5(2):311-314. doi: 10.1016/j.xrtr.2024.12.006. PMID: 40321849; PMCID: PMC12047565.

Ghahremani JS, Moore T, Siegal S, Yian EH.

## Plastic Surgery

### A novel hydrogel for treatment and prevention of symptomatic neuroma: Early clinical experience

**Major Finding:** A bioresorbable hydrogel nerve cap was found to be a safe and effective device for both preventing and treating symptomatic neuromas across various procedures and anatomical locations.

**Published in:** Plast Reconstr Surg Glob Open. 2025 Dec 15;13(12):e7339. doi: 10.1097/GOX.0000000000007339. eCollection 2025 Dec. PMID: 41403768

Ostrowski P, Deng I, Kobraei EM.



ELSEVIER



# Psychiatry



**Primary care-based alcohol screening and alcohol use among transgender and cisgender adults in an integrated health system**

**Major Finding:** Transgender individuals were more likely to receive alcohol screening whereby, among those screened, had a lower prevalence of excessive alcohol use compared to cisgender patients.

**Published in:** Am J Prev Med. 2025 Dec 23:108240. doi: 10.1016/j.amepre.2025.108240. Epub ahead of print. PMID: 41448286.

He S, Darby-McClure R, Hirschtritt ME, Sterling SA, Silverberg MJ, Leyden WA, Shu AH, Andrewson TS, Palzes VA.

## Bridging the gap from efficacy to effectiveness to reduce duration of untreated psychosis

**Major Finding:** Targeted community campaigns and integrated primary care screening are effective in reducing the duration of untreated psychosis, but their success at scale depends on overcoming geographic and social barriers.

**Published in:** Psychiatr Serv. 2025 Jun 1;76(6). doi: 10.1176/appi.ps.25076009.

Sanders MA, Hirschtritt ME.

# Telemedicine

## Telemedicine's impact on diabetes care during the COVID-19 pandemic: A cohort study in a large integrated healthcare system

**Major Finding:** Engagement with telemedicine early in the COVID-19 pandemic was associated with higher rates of downstream HbA1c monitoring and improved blood sugar control during the second year of the pandemic.

**Published in:** MedRxiv [Preprint]. 2024 Feb 27:2024.02.25.24303335. doi: 10.1101/2024.02.25.24303335. Update in: J Diabetes. 2025 May;17(5):e70096. doi: 10.1111/1753-0407.70096. PMID: 38464156; PMCID: PMC10925369.

Patel R, Huang J, Hsueh L, Gopalan A, Millman A, Franklin I, Reed M.

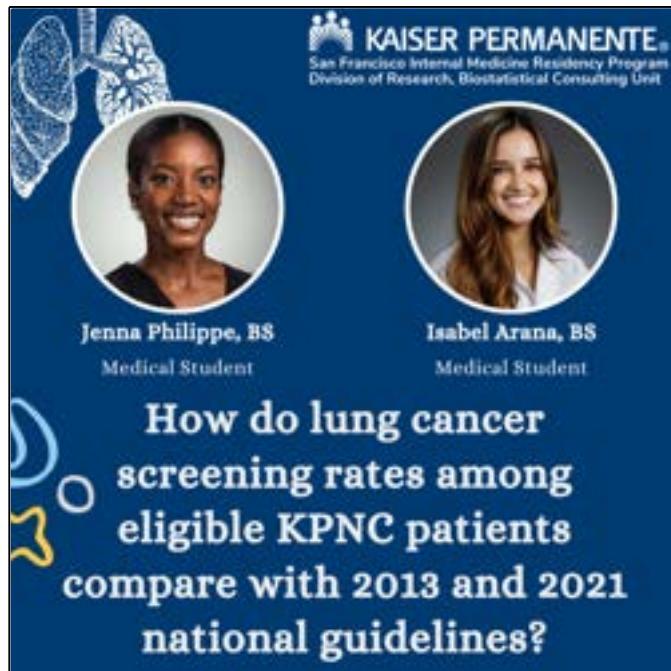
# Thoracic Surgery

## Management of stage IVa thymoma with coexistence of Lambert-Eaton myasthenic syndrome and myasthenia gravis in a postpartum female case report

**Major Finding:** This case report showed that aggressive radical debulking surgery, when combined with cardiopulmonary bypass, was effective in managing advanced thymoma that presented with rare overlapping neuromuscular syndromes.

**Published in:** AME Case Rep. 2025 Oct 24;9:127. doi: 10.21037/acr-2025-114.  
PMID: 41210436; PMCID: PMC12593133.

Gochi AM, Liang E, Guha S, Velotta JB.



## Evaluating lung cancer screening disparities in an integrated healthcare system: Barriers and opportunities



**Major Finding:** Annual lung cancer screening rates were low and factors such as older age, male sex, and non-Hispanic White race are the strongest predictors of screening uptake in an integrated healthcare system.

**Published in:** Front Oncol. 2025 Aug 22;15:1601458. doi: 10.3389/fonc.2025.1601458. PMID: 40919136; PMCID: PMC12411495.

Javier C, Jiang SF, Philippe J, Arana I, Velotta J.

Honorable mention for 2025 Learning Health System Outstanding Paper Award, Resident Category





## Racial/ethnic disparities in lung cancer surgery outcomes in the USA

**Major Finding:** While clinical outcomes for lung cancer surgery were generally similar across racial groups, disparities in healthcare utilization remained, such as lower odds of 30-day return to the emergency department among Asian patients.

**Published in:** Epidemiologia (Basel). 2025 Apr 11;6(2):18. doi: 10.3390/epidemiologia6020018. PMID: 40265349; PMCID: PMC12015872.

Vasic I, Banks KC, Wei J, Morales LM, Islas ZA, Alcasid NJ, Susai C, Sun A, Burapachaisri K, Patel AR, Ashiku SK, Velotta JB.

## The importance of lay navigators in lung cancer screening among Asian Americans in an integrated health care system

**Major Finding:** Compared to passive outreach, active outreach by lay navigators significantly increased lung cancer screening referrals, shared decision-making, and screening completion rates among Asian Americans.

**Published in:** Ann Thorac Surg. 2026 Apr;121(4):820-828. doi: 10.1016/j.athoracsur.2025.07.040. Epub 2025 Aug 20. PMID: 40846223.

Velotta JB, Burapachaisri K, Baskin AS, Zhu Z, Martinez S, Allison R, Deng I, Peryer M, Jackson-Morris M, Sakoda LC.



# Women's Health

## Severe maternal morbidity associated with chronic hypertension, preeclampsia, and gestational hypertension

**Major Finding:** The highest rates of severe maternal morbidity occurred when preeclampsia developed, whereas patients with uncomplicated chronic hypertension were subject to risks nearly identical to low-risk patients.

**Published in:** JAMA Netw Open. 2025;8(1):e2451406.  
doi:10.1001/jamanetworkopen.2024.51406

Gunderson EP, Greenberg M, Najem M, Sun B, Alexeeff SE, Alexander J, Nguyen-Huynh MN, Roberts JM



## Incidentally identified basal plate myometrial fibers and hemorrhage risk in the subsequent pregnancy



**Major Finding:** The incidental identification of symptomatic basal plate myometrial fibers during pregnancy is strongly associated with an increased risk of hemorrhagic morbidity or adherent placenta in subsequent pregnancies.

**Published in:** Reproductive Medicine. 2025; 6(2):10. <https://doi.org/10.3390/reprodmed6020010>

Le GT, Schauer G, Hung Y-Y, Li Y, Ritterman Weintraub M, Greenberg MB.

Third-place winner of 2025 Learning Health System Outstanding Paper Award, Resident Category





# COMMUNITY HEALTH



# Community Health

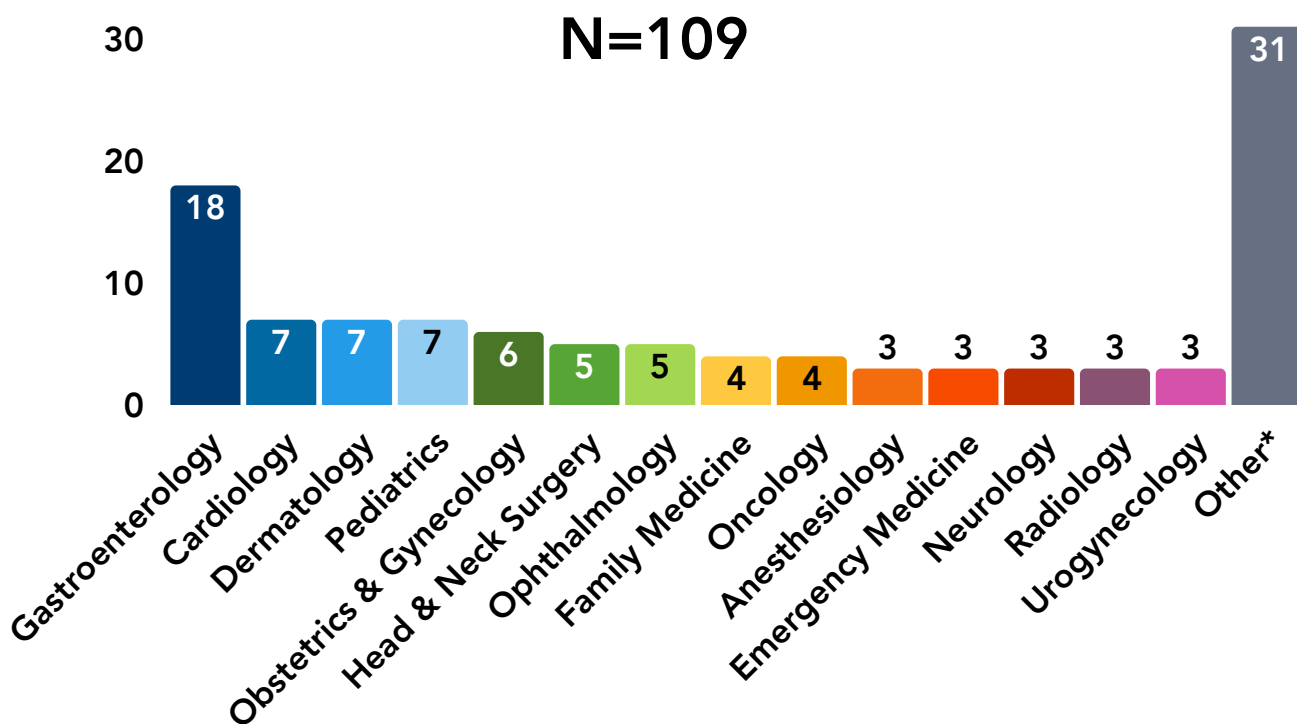
## Impact by the Numbers

In partnership with our **Central Research Committee (CRC)** and the **Kaiser Permanente Community Health (CH) program**, the BSCU helps our clinicians develop competitive research proposals and implement impactful studies aligned with community health priorities. In 2025, the CRC provided substantial investment to KPNC investigators to develop and implement research.

### Projects addressed a range of topics, including:

- Treatment safety and effectiveness to improve outcomes
- Studying disease progression and risk factors for better diagnosis
- Addressing healthcare disparities
- Improving clinical operations and guidelines for efficiency
- Analyzing COVID-19's impact on health and care delivery

## 2025 CH Projects by PI Clinical Specialty



\*The BSCU supported 31 additional projects across 22 other clinical specialties in 2025, such as Addiction Medicine, Allergy, Bariatric Surgery, Geriatric Medicine, Gynecologic Oncology, Hospital Based Medicine, Infectious Disease, Internal Medicine, Pain Management, Pathology, Pediatric Hospital Medicine, Perinatology, Plastic Surgery, Podiatric Surgery, Psychiatry, Nephrology, Occupational Medicine, Rehabilitation, and Rheumatology, Thoracic Surgery, Urology, and Vascular Surgery

# Community Health Scholarly Products

## Scholarly products and examples of high-impact venues:

- 12 manuscripts, including Obstetrics & Gynecology, American Journal of Ophthalmology, and Journal of Hospital Medicine
- 26 conference presentations, including the American Heart Association (AHA) Scientific Sessions, American Society of Clinical Oncology (ASCO) Annual Meeting, and the Radiology Conference (RSNA)

## 2025 BSCU-Supported CH Scholarly Products N=38

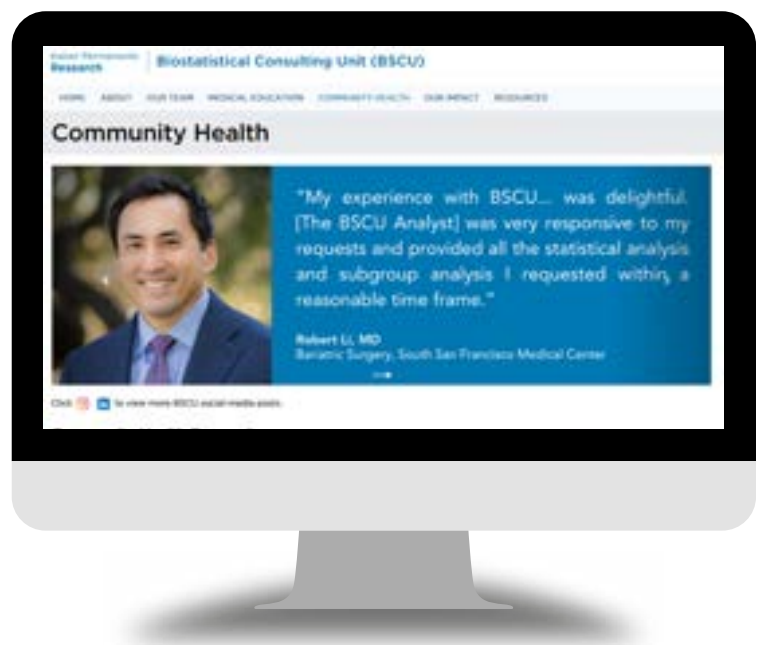
Manuscript  
Publications

12

Conference  
Presentations

26

Visit our website for more details on  
BSCU supported research projects  
and publications



# Community Health

## Scholarly Highlights by Clinical Specialty

The following pages showcase clinician-led Community Health scholarly achievements supported by the BSCU. These highlights include publications, conference presentations, awards, and testimonials.

For a comprehensive list of CH outcomes visit the CRC website! (KP network required to view)



### Addiction Medicine

**Predictors of retention during and after residential treatment for substance use disorders**

**Presented at:** American Society of Addiction Medicine Annual Conference, April 26, 2025 & Kaiser Permanente Napa-Solano Interprofessional Research Week, May 12, 2025.

**Athale N, Hirschtritt M, Kirane H, Stram D, Durojaiye C, Asyyed A, Campbell C, Sterling S.**

### Allergy



**Infant peanut allergy incidence differs by race and socioeconomic status**

**Major Finding:** Peanut allergy incidence increased between 2015 and 2020 and was highest among Asian-Pacific Islander infants and those from higher socioeconomic backgrounds.

**Published in:** J Allergy Clin Immunol Pract. 2025 Oct;13(10):2849-2851.e1. doi: 10.1016/j.jaip.2025.06.041. Epub 2025 Jul 16. PMID: 40675324.

**Ko J, Roybal BO, Tucker L-Y, Zhu S, Wang J.**

## Anesthesiology



**Erector spinae plane versus pectoralis nerve block for mastectomy in cancer patients: A retrospective, multicenter cohort study**

**Major Finding:** There was no significant difference in acute pain outcomes, median total opioid use, or long-term recovery between patients receiving an erector spinae plane block versus a pectoralis nerve block for mastectomy.

**Published in:** J Pain Res. 2025 Sep 16;18:4775-4785. doi: 10.2147/JPR.S538581. PMID: 40978548; PMCID: PMC12449883.

Yap EN, Wei J, Darling C, Linehan E, Behrends M, Ng KP.

## Cardiology

**Valvular heart disease during pregnancy: Outcomes from a large integrated healthcare system**

**Presented at:** American College of Cardiology Scientific Sessions 2025, March 29, 2025.

Palakodeti S, Triplett C, Stram D, Stephenson M, Pursnani S.

**Baseline prevalence and patterns of dementia in older adults referred for coronary revascularization after an acute coronary syndrome: A multicenter study from an integrated healthcare system**

**Presented at:** American Heart Association Scientific Sessions, November 7-11, 2025.

Shin E, Jain A, Ha R, Canio W, Romero A, Gilsanz P, Dinh H, Aggarwal N, Mielke M, Damluji A, Yang J, Shah A, Krishnaswami A.

## Baseline prevalence and patterns of dementia in older adults hospitalized with acute coronary syndrome: A multicenter study from an integrated healthcare system

Presented at: American Heart Association Scientific Sessions, November 7-11, 2025.

Yang J, Jain A, Ha R, Canio RC, Romero A, Gilsanz P, Dinh H, Aggarwal, Mielke M, Damluji AA, Shin ED, Shah AI, Krishnaswami A.



Ashok Krishnaswami, MD  
Chief of Cardiology  
San Jose Medical  
Center

“My work with [BSCU] programmer analyst, Amanda Jain this year on a 2025 CH-funded project has been extremely rewarding. Amanda was exceptionally patient, hardworking, and an absolute joy to collaborate with. Within just one year, our team achieved substantial progress [2 manuscripts and 3 abstracts/posters] with more planned. The breadth and depth of BSCU’s ability to support clinician-researchers like me has expanded multifold. Thank you, Amanda Jain and the entire BSCU team for your outstanding partnership and contributions to help my research goals of optimizing care of older adults with cardiovascular diseases progress forward.”

## Emergency Medicine

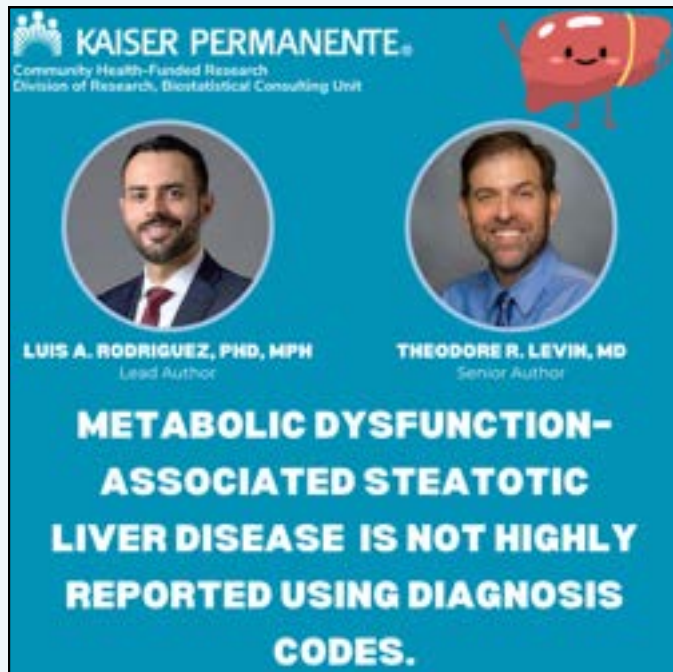
Fluid resuscitation stratified across lactate levels in severe sepsis: A retrospective cohort study of a Kaiser Permanente Northern California Cohort

Presented at: American College of Chest Physicians Annual Meeting, October 19-22, 2025.

Deng A, Macko C, Tucker Lue-Yen, Morehouse J, Siegel T.



# Gastroenterology



**Discrepancy in metabolic dysfunction-associated steatotic liver disease prevalence in a large Northern California cohort**

**Major Finding:** Identifying metabolic dysfunction-associated steatotic liver disease through diagnosis codes or imaging text yielded a much lower prevalence than expected, highlighting the potential risks of clinical underdiagnosis.

**Published in:** Gastro Hep Adv. 2025 Jan 28;4(5):100630. doi: 10.1016/j.gastha.2025.100630. PMID: 40371233; PMCID: PMC12076719.

Rodriguez LA, Tucker LS, Saxena V, Levin TR.

**Success rates and predictors of non-endoscopic therapies for esophageal food impaction in the emergency department: Data from a large community-based healthcare system**

**Presented at:** Digestive Disease Week, May 3, 2025.

Lee L, Li D, Jiang SF, Bouvet S.

**Incidence and predictors of hospital readmission for ulcerative colitis**

**Presented at:** American College of Gastroenterology Annual Scientific Meeting, October 24-29, 2025.

Roy A, Roybal B, Chan J, Velayos F.



## Gynecologic Oncology



**Association of endometrial cancer epigenetic mismatch repair deficiency with clinicopathologic factors and survival in a large, diverse community-based cohort**

**Major Finding:** Epigenetic mismatch repair deficiency in endometrial cancer was linked to older age, obesity, and higher socioeconomic status, and was associated with lower survival, particularly among patients who did not receive adjuvant therapy.

**Published in:** Gynecol Oncol. 2025 Jun;197:102-109. doi: 10.1016/j.ygyno.2025.04.584. Epub 2025 May 5. PMID: 40327909.

Suh-Burgmann E, Hung YY, Finertie H, Zhong H, Bookman M, Nau C, Schmittiel J.

## Head & Neck Surgery



**Unmasking risk factors for post-COVID19 olfactory dysfunction resulting from early stages of the pandemic: A case-control study of lost and lingering smells**

**Major Finding:** Younger age, female sex, atopic conditions, and hospitalization conferred the highest likelihood of developing olfactory dysfunction after COVID-19 infection.

**Published in:** Perm J. 2025 May 20:1-12. doi: 10.7812/TPP/25.010. Epub ahead of print. PMID: 40390375.

Stephanian B, Hoerter J, Wei J, Pellizzari R, Liang J.



Jonathan Liang, MD, MPH  
Otolaryngology Head & Neck  
East Bay

“Kathy Le [BSCU programmer] is amazing to work with! I want to have her work on all my research projects! Great communication, great attitude, super-efficient! Superstar!”

## Hematology/Oncology

Gender and racial disparities in survival from head and neck cancer: A competing events analysis of Kaiser Permanente patients

Presented at: American Society of Clinical Oncology Annual Meeting, June 2, 2025.

Katzel J, Brown M, Nguyen N, Wei J, Mell L, Rodriguez C, Shih LC, Meltzer C, Quesenberry C, Sakoda L.

## Hospital Medicine



Posthospitalization telemedicine follow-up and 30-day readmission across the COVID-19 era: A multiphase analysis in a large integrated healthcare system

**Major Finding:** Telemedicine follow-up was associated with lower 30-day nonelective readmission risk and fewer emergency care visits during the COVID-19 pandemic.

Published in: J Hosp Med. 2026 Jan;21(1):7-15. doi: 10.1002/jhm.70109. Epub 2025 Jul 3. PMID: 40607845.

Yoo MS, Block LS, Tucker L-Y, Wei J, Cheung K, Reed M.

Association of telemedicine follow-up after hospitalization and 30-day readmission: A comparative analysis of pre-Covid-19 and Covid-19 periods in a large integrated healthcare systems

Presented at: Society of Hospital Medicine Converge, April 24, 2025.

Yoo MS, Block LS, Tucker L-Y, Cheung K, Reed M.

## Internal Medicine

De-liver-ing the update on autoimmune hepatitis hospitalizations: Predictors and outcomes of hospitalization in a large, multi-ethnic and contemporary population in Northern California

Presented at: Digestive Disease Week, May 4, 2025.

Kapoor C, Jiang SF, Ramalingam N, Balasubramaniam S, Radhakrishnan K.

## Nephrology

Elevated serum CK alone is insufficient as an indicator of AKI in patients with exertional rhabdomyolysis

Presented at: American Academy of Neurology Annual Meeting, April 7, 2025.

Sabouri AH, Yurgionas B, Khorasani S, Durant E, Kafaie J, Hung YY, Klingman J, Nemazie S.

## Obstetrics & Gynecology



**Racial disparities in endometriosis and pelvic pain treatment within an integrated health care delivery system**

**Major Finding:** Black women received more medical and surgical management for endometriosis, and all non-White women were referred to pelvic pain specialists at lower rates compared to White women.

**Published in:** Obstet Gynecol. 2025 Dec 1;146(6):888-897. doi: 10.1097/AOG.0000000000006045. Epub 2025 Aug 21. PMID: 40839882.

Zaritsky E, Tucker LY, Hen E, Childs A, Weintraub MR, Wicks C.

## Fertility-sparing management and outcomes in patients with cervical cancer in a large population-based health care system

**Presented at:** Society of Gynecologic Oncology Winter Meeting, January 31, 2025.

**Gbordzoe L, Camara C, Wei J, Lowry C, Connelly E, Garcia C.**

## Association between adverse pregnancy outcomes and long-term risk of cardiovascular disease and risk factors in a diverse cohort

**Presented at:** American Heart Association Scientific Sessions, November 7-10, 2025.

**Woo V, Folck B, Tucker L-Y, Naderi S.**

## Adverse pregnancy outcomes increase long-term CVD and CRF risk in a diverse cohort

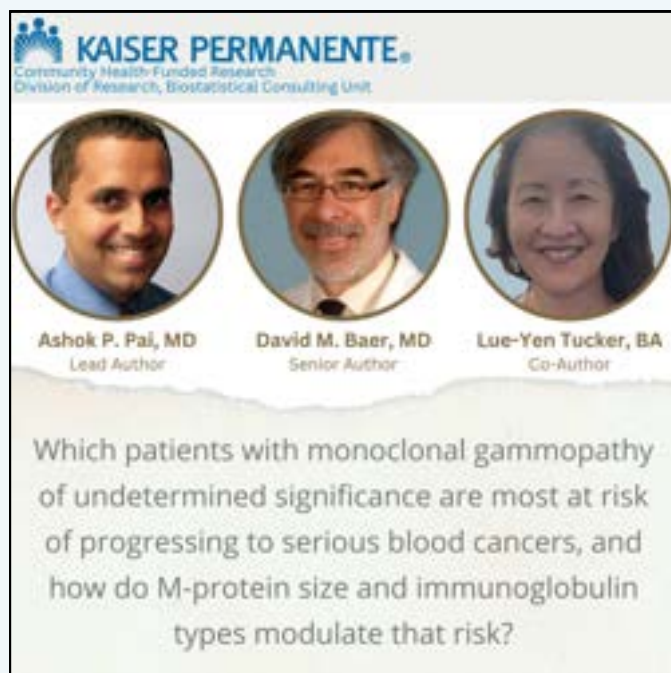
**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Woo V, Naderi S, Folck B, Tucker LY.**

**KPSF Academy of Medical Educators Clinical Research Award**



# Oncology



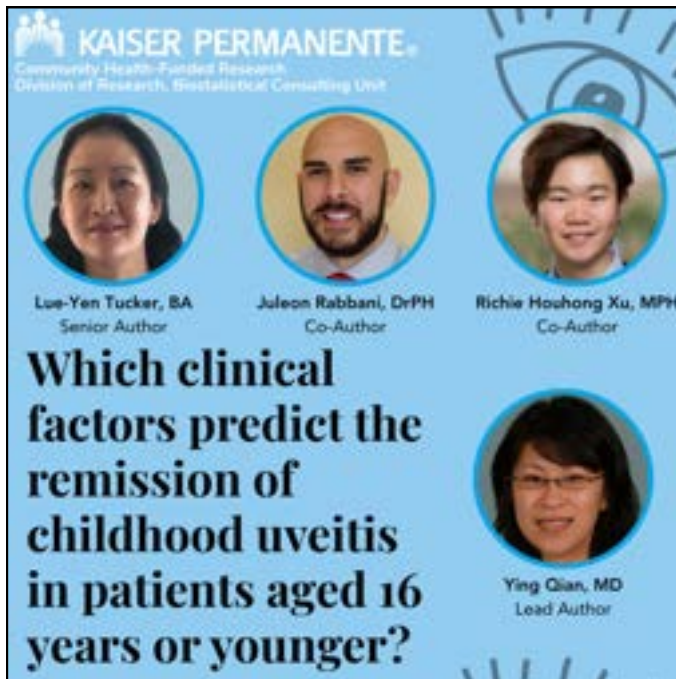
**IgA or IgM MGUS less than 1.0 g/dL is at low risk of progression to neoplasm**

**Major Finding:** Patients with variable levels of monoclonal gammopathy of undetermined significance (MGUS) and M-protein levels below 1.0 g/dL have a very low risk of progressing to lymphoplasmacytic neoplasms.

**Published in:** Blood Neoplasia. 2025 Jul 16;2(4):100140. doi: 10.1016/j.bneo.2025.100140. PMID: 41424937; PMCID: PMC12711669.

**Pai AP, Tucker LY, Baer DM.**

# Ophthalmology



## Incidence and predictors of remission of childhood uveitis in a large community cohort

**Major Finding:** Nearly half of children with recently diagnosed chronic noninfectious uveitis achieved drug-free remission within five years, with male sex and older age at presentation emerging as strong predictors of remission.

**Published in:** Am J Ophthalmol. 2025 Sep;277:221-229. doi: 10.1016/j.ajo.2025.05.024. Epub 2025 May 29. PMID: 40449643.

Qian Y, Xu RH, Rabbani JW, Tucker LY.

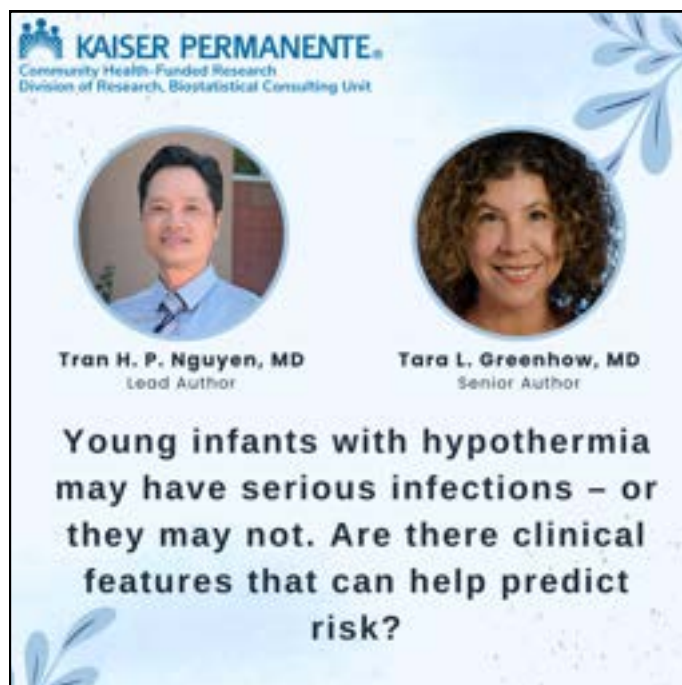
## Impact of Asian race on treatment outcomes of diabetic macular edema: Real world analysis of a large database

**Presented at:** American Academy of Ophthalmology Annual Meeting, October 18, 2025.

Khan AM, Zhao Y.



# Pediatrics



## Prevalence of serious infection among hypothermic young infants across medical settings

**Major Finding:** While the overall prevalence of urinary tract infection and invasive bacterial infection among hypothermic infants was low, risk of serious infection was significantly higher for those presenting with ill appearance, repeated low temperature, or a chief concern of hypothermia.

**Published in:** Hosp Pediatr. 2025 Oct 1;15(10):795-803. doi: 10.1542/hpeds.2024-008257. PMID: 40947113.

**Nguyen THP, Young BR, Bornstein LM, Samiezade-Yazd Z, Greenhow TL.**

## Epidemiology of neonatal herpes simplex virus infection 2008-2023

**Presented at:** Pediatric Academic Societies Meeting, April 25, 2025.

**Greenhow T, Samiezade-Yazd Z, Bornstein L, Young B, Nguyen T.**

## Outcomes of antenatal antiviral suppressive therapy at 36 weeks gestation in a large cohort of pregnant persons with genital herpes simplex virus

**Presented at:** Annual Meeting of the European Society of Paediatric Infectious Diseases, May 27, 2025.

**Greenhow T, Samiezade-Yazd Z, Bornstein L, Young B, Nguyen T.**

## The association of influenza vaccination with reduced risk of COVID-19 infection likely due to following infection prevention practices

**Presented at:** Kaiser Permanente San Francisco Academy of Medical Educators Research and Scholarship Symposium, May 21, 2025.

**Lowe S, Surmava AM, Fireman B, Conell C.**

## Perinatology



**Effects of implementing a standardized protocol for identifying and treating iron-deficiency anemia in pregnancy**

**Major Finding:** Implementing a standardized management protocol was associated with a significantly lower risk of anemia at the time of delivery and a twofold increase in the use of iron infusions.

**Published in:** Pregnancy. 2025 Sep;1(5):e70089.

McCarthy AM, Lee K, Darbinian JA, Chang J.

## Plastic Surgery

**Rate of postmastectomy immediate breast reconstruction among Asian American women in an integrated healthcare model**

**Presented at:** Asia Pacific Breast Cancer Summit, February 21, 2025.

Gold C, Fink D, Candell L, Gambhir A, Savitz A, Young-Reeves M, Odele P, Veliz J, Habel L.

**The impact of race and ethnicity on rate of postmastectomy immediate breast reconstruction in an integrated healthcare model**

**Presented at:** Kaiser Permanente Napa-Solano Interprofessional Research Week, May 13, 2025 and American College of Surgeons Quality & Safety Conference, July 17-20, 2025.

Gold C, Fink D, Candell L, Gambhir A, Savitz A, Young-Reeves M, Odele P, Veliz J, Habel L.



## Podiatric Surgery



### **Nonoperative treatment of anterior cruciate ligament tears with 5-year follow-up**

**Major Finding:** Approximately 39% of patients initially treated nonoperatively for anterior cruciate ligament tears underwent subsequent surgery within five years, with younger age being a significant risk factor for requiring subsequent reconstruction.

**Published in:** Orthop J Sports Med. 2025 Mar 3;13(3):23259671251314441. doi: 10.1177/23259671251314441. PMID: 40052181; PMCID: PMC11881924.

**Rugg CM, Tucker LY, Ding DY.**

## Radiology

### **Evaluating safety and efficacy of current imaging guidelines for gallbladder polyps**

**Presented at:** Kaiser Permanente Napa-Solano Interprofessional Research Week, May 13, 2025.

**Liao G, Nayak S, Chang E, Danialan R, Pang O, Fink D.**

### **Curb your gallbladder polyp surveillance enthusiasm: What did over half a million sonograms teach us?**

**Presented at:** Annual Meeting of the Society of Radiologists in Ultrasound, October 10, 2025 & Radiology Conference and Annual Meeting, November 30-December 4, 2025.

**Nayak S, Liao G, Fink D, Chang E.**

## Urology

### **Relationship of environmental exposures and spatial clusters of bladder transitional cell carcinoma**

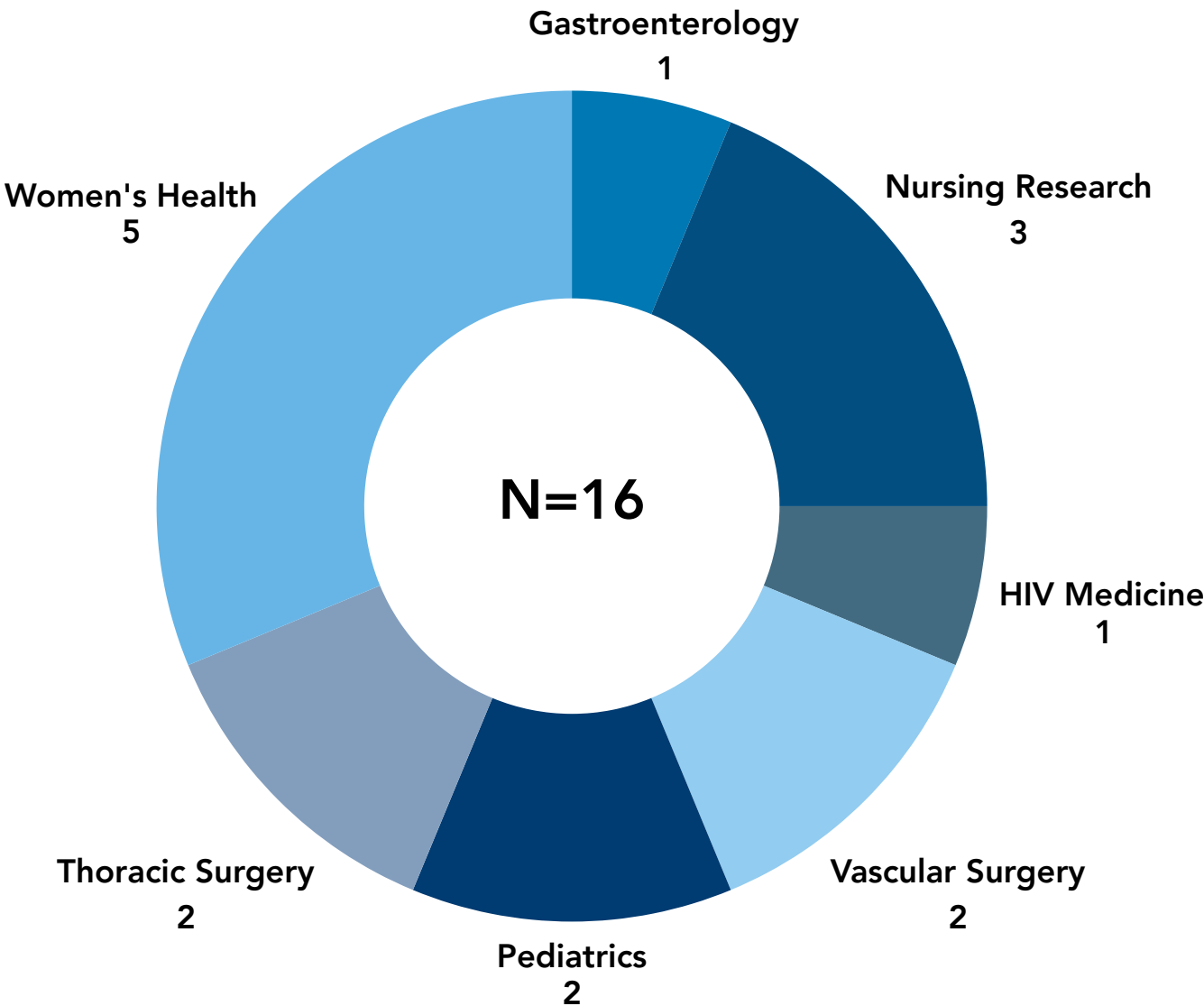
**Presented at:** American Urological Association Annual Meeting 2025, April 28, 2025.

**Belani J, Wei J, Pilato C, Voelkel J, Harzstark A, Presti J.**

# Additional Research Sponsors

In 2025, the BSCU supported 16 additional research projects funded by a variety of internal Kaiser Permanente and external industry/institutional sponsors. These studies addressed relevant public health questions across diverse topic areas: Gastroenterology, HIV Medicine, Nursing Research, Pediatrics, Thoracic Surgery, Vascular Surgery, and Women's Health.

## 2025 Projects by Topic Area



# Additional Research Sponsors

## Scholarly Highlights by Clinical Specialty

### Thoracic Surgery



**Real-world utilization of adjuvant nivolumab among esophageal cancer patients at a large integrated health system**

**Major Finding:** Real-world application of adjuvant nivolumab for patients with esophageal and gastroesophageal junction cancer yields survival benefits consistent with those seen in other clinical trials. 52.3% of patients completed one year of nivolumab treatment; median duration was 322 days.

**Published in:** JTCVS Open. 2025 Oct 15;28:632-653. doi: 10.1016/j.xjon.2025.10.003. PMID: 41473061; PMCID: PMC12745132.

**Sponsored by:** Bristol Myers Squibb

Gochi A, Jeffs S, Hung YY, Yang J, Wang T, Okano G, Rosenblatt L, Villacorta R, Velotta J.

**Real-world outcomes of multimodal treatment for pleural mesothelioma: Results from a high-volume integrated regional center**

**Presented at:** International Thoracic Surgical Oncology Summit, September 26, 2025.

**Sponsored by:** Allergan Foundation

Baskin A, Levine K, Hung YY, Banks K, Suga M, Velotta J.

**Real world utilization of adjuvant nivolumab among esophageal cancer patients at a large integrated health system**

**Presented at:** Western Thoracic Surgical Association Annual Meeting, June 28, 2025.

**Sponsored by:** Bristol Myers Squibb

Gochi A, Jeffs S, Hung YY, Yang J, Kakehi S, Rosenblatt L, Okano G, Wang T, Velotta J.

## Vascular Surgery

**New developments in carotid disease and its treatment: A new look at the treatment of asymptomatic carotid stenosis (ACS) and other carotid topics**

**Presented at:** Annual Symposium on Vascular and Endovascular Issues, November 18, 2025.

**Sponsored by:** Grey Family Foundation

Chang R, Tucker LY.

## Women's Health



**Incidence of ectopic pregnancy and diagnostic accuracy of ectopic pregnancy screening criteria among people seeking versus not seeking abortion: A retrospective case-control study**

**Major Finding:** The incidence of ectopic pregnancy is extremely low among individuals seeking abortion. Common history-based screening criteria proved largely ineffective at accurately identifying cases of ectopic pregnancy, suggesting their limited clinical utility to restrict access to no-test abortion.

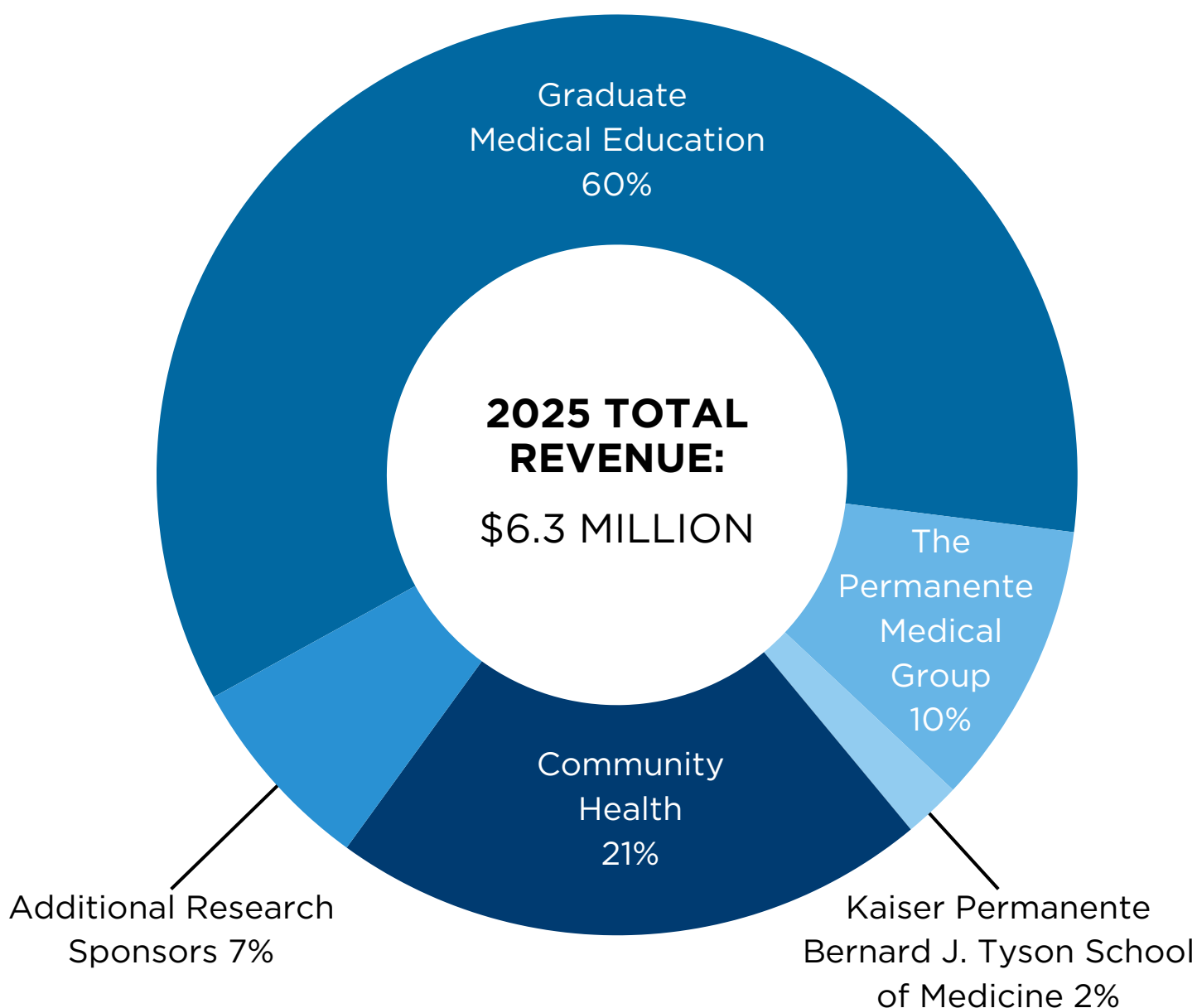
**Published in:** Womens Health Issues. 2025 Nov-Dec;35(6):475-484. doi: 10.1016/j.whi.2025.08.006. Epub 2025 Oct 6. PMID: 41058421.

**Sponsored by:** Society of Family Planning & Fidelity Foundation

Biggs MA, Armstrong MA, Tucker LY, Kaller S, Rabbani J, Lee JW, Chillemi G, Grossman D.

# 2025 Financial Report

The BSCU is funded by Kaiser Permanente **Graduate Medical Education (GME)** and **Community Health (CH)**, with strategic infrastructure support by **The Permanente Medical Group (TPMG)**. We also develop and implement research funded by additional sponsors.



# BSCU Team

## Senior Leadership



**Juleon Rabbani, DrPH**  
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**Ann-Marie Surmava, MBA\***  
Scientific Research Management



**Giulia Chillemi, M.Sc.\***  
Strategic Program Operations

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**Sally McBride Allen, BS\***



**Vaishnavi Sunkari, BSPH**

## Strategic Program Operations



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**Linda Sancrant, BS**

\*Manager

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Amanda Jain, MPH\*



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Tyler Chervo, MPH



Kathy Le, MPH



Yanting Zhao, PhD



Mahim Naveed, MS



Yun-Yi Hung, PhD, MPH

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Departed programmers: Bruce Folck, BS, Cristin Malekian, MPH, Raul Figueroa, MPH

\*Manager

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## GME Research Project Managers



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# GME Regional Medical Education Sponsors



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**Theresa Azevedo-Rousso, MPA**  
Senior Director & DIO  
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Health Systems Science Professor



**Carrie Chen, MD, PhD**  
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Committee Chair

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**Melissa V. Williams**  
Project Manager, CRC



**Georgina I. Berrios**  
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# Kaiser Permanente Research Northern California Leadership



**Douglas A. Corley, MD, PhD**  
Chief Research Officer  
The Permanente Medical Group



**Rachel Ramoni, DMD, ScD**  
Director  
Division of Research



**Charles P. Quesenberry, PhD**  
Associate Director, Biostatistics  
Division of Research



Members of the BSCU welcomed new DOR Director Rachel Ramoni at our Pleasanton campus in early 2025. Pictured from left to right: Linda Sancrant, Maren Robinson Galarce, Giulia Chillemi, Rachel Ramoni, Juleon Rabbani, Sally McBride Allen, and Tracy Lieu.

BSCU leadership extends its sincere appreciation to everyone who contributed to the creation of this annual report. We are especially grateful to KPRNC physician researchers whose dedicated pursuit of public health knowledge form the foundation of all our work - your efforts make our progress possible and meaningful.



