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## MTA 1 Saturday, May 17, 2025 5:15 PM – 6:15 PM

**ePoster Meet the Authors (MTA): 4-minute ePoster presentations within a 60-minute time block in Expo, not eligible for CME**

### **ePoster 1: Attitudes Towards Digital Health in a Pediatric Electrophysiology Practice**

Rapid growth and miniaturization of technology has increased access to connected digital health (DH) technologies, though there are few pediatric cardiac studies assessing these tools. In this study, we assess the current state of DH access, use and digital literacy in a pediatric electrophysiology (EP) population.

Speaker: Lisa Roelle, Physician Assistant Pediatric Electrophysiology, Washington University School of Medicine

**Additional Authors:**

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Nathan Miller, EP RN, St. Louis Children's Hospital

Anthony Pompa, Electrophysiologist, Washington University School of Medicine

William Orr, Pediatric Cardiologist, Washington University School of Medicine

Animesh Tandon, Pediatric Cardiologist, Cleveland Clinic

Jennifer Silva, Pediatric Electrophysiologist, Washington University School of Medicine

### **ePoster 2: Improving Colorectal Cancer Screening in 45-64 y/o in Primary Care**

Colorectal cancer (CRC) screening rates are low in patients aged 45-64. Baylor Internal Medicine aimed to increase screening rates in this group with a quality improvement project that educated clinicians on screening options, provided patient brochures, and sent electronic reminders. This increased CRC screening rates from 65.5% to 74.2% between July 2023 and June 2024. This demonstrated the importance of shared decision-making and offering multiple options to improve CRC screening rates.

Speaker: Isabel Valdez, PA-C

**Additional Authors:**

Olunmi Oladunjoye, Dr. Olunmi Oladunjoye, MD, Baylor College of Medicine

**ePoster 3: Infections in Immunocompromised Patients Following Hurricane-Induced Flooding, A Case Series**

This case series highlights the impact of Hurricane Helene and Hurricane Milton flooding and storm surge water exposure and the associated infections impacting immunocompromised patients actively receiving antineoplastic chemotherapy.

Speaker: Sofia A. Soto Chavez, PA-C, Physician Assistant, Moffitt Cancer Center  
Karina Mullins, PA-C, PA-C – Physician Assistant, Moffitt Cancer Center

**ePoster 4: Missed diagnosis? Risk of stroke in young adults post COVID-19.**

COVID-19 infection causes endothelial damage and coagulopathy leading to complications including ischemic stroke. The exact risk in young adults under 55, especially those without underlying risk factors has not successfully been explored. The amount of risk after recovery from infection is also unknown. Early intervention is the key to successful patient outcomes; vigilance of clinicians to identify those at risk and with signs and symptoms of stroke remains paramount.

Speaker: Sarah Webster, DMSc, Fellow, PALLA

Additional Authors:

Cara Felter, Associate Professor, PALLA

**ePoster 5: Needle Decompression Site Selection Accuracy in Simulated High Stress Environments**

The goal of this research was to evaluate the overall accuracy of Needle Chest Decompression (NCD) site selection amongst active-duty military medical professionals in a simulated high stress combat environment. NCD is a temporizing, yet lifesaving, procedure utilized most frequently in the prehospital setting, commonly with military medics. The setting is often disorderly and chaotic, therefore imperative for medical professionals to be capable of properly executing NCD in such environments.

Speaker: Corey P. Osborn, Emergency Medicine Physician Assistant, DSc, United States Air Force

Additional Authors:

Sarah Ostrom, DSc PA-C, US Air Force

Maggie Smith-Davidson, DSc, PA-C, US Air Force

**ePoster 6: PA Perspectives Regarding a CAQ in Oncology: A Needs Assessment**

A survey by NCCPA and APAO assessed the demand for an Oncology Certificate of Added Qualifications (CAQ) among 868 board-certified PAs in oncology and related specialties (22.6% response rate). While 61% indicated they would likely pursue the CAQ, motivations included professional development (82.7%), personal satisfaction (81.3%), and improved patient care (60.7%). Among hiring decision-makers, 54% favored candidates with a CAQ. The data supports further consideration before implementation.

Speaker: Cory M. Edgar, DMSc, MPAS, PA-C, Physician Assistant, Association of PAs in Oncology

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Colleen Tetzlaff, Physician Assistant, Fox Chase Cancer Center

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Joshua Goodman, VP of Research and Exam Programs, National Commission on Certification of PAs (NCCPA)

**ePoster 7: Performance Comparison between Hounsfield Units and DXA in Predicting Subsidence**

Bone health awareness among spine surgeons is increasing and measurement tools are under greater scrutiny based on the value they add to the surgical planning process. DXA is the gold standard measurement of bone mineral density (BMD), but results are often falsely elevated in the degenerative population. When CT is available, the value of an additional BMD data point of Hounsfield Units at the region of interest cannot be overstated. This information can lead to better surgical planning.

Speaker: Lindsay DAWN Orosz, MSPAC, Director of Research, National Spine Health Foundation

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**MTA 2: Sunday, May 18, 2025 9:15 AM – 10:15 AM**

**ePoster Meet the Authors (MTA): 4-minute ePoster presentations within a 60-minute time block in Expo, not eligible for CME**

**ePoster 1: Flood Syndrome: A Rare Case of Ruptured Umbilical Hernia**

First described by Dr. Frank B Flood in 1961, spontaneous umbilical hernia rupture is an extremely rare complication of end stage liver disease that results in significant morbidity and mortality if not quickly recognized and intervened upon. Immediate surgical repair of the hernia defect, either primarily or with mesh, offers the best chance of recovery for these patients.

Speaker: Brennan Bowker, MHS, PA-C, Senior Surgical Physician Assistant Part time professor of PA studies, Yale New Haven Hospital and Quinnipiac University

Kara Bates – PA-Student, Quinnipiac University

Abigail Slaney – PA-Student, Quinnipiac University

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**ePoster 2: Gluteal compartment syndrome: a serious pain in the rear**

Gluteal compartment syndrome is an extremely rare condition that requires prompt recognition and intervention. Patients with acute compartment classically present with the 5-P's: pain, pallor, paresthesia, paralysis, and pulseless. If swift action not taken, patients can have lasting consequences.

Speaker: Brennan Bowker, MHS, PA-C – Senior Surgical Physician Assistant Part time professor of PA studies, Yale New Haven Hospital and Quinnipiac University

Natalie Martinico – PA-Student, Quinnipiac University

Michelle Laraia – PA-Student, Quinnipiac University

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Carly Fabbri, MHS, PA-C, Yale New Haven Hospital

Deborah Cooke, MHS, PA-C, Quinnipiac University, Yale New Haven Hospital

**ePoster 3: Improving colorectal cancer screening compliance among patients with diabetes**

Colorectal cancer is the 2nd leading cause of death but is preventable through screening guidelines. In this session, PAs working in primary care settings will learn how to identify factors associated with colorectal cancer screening non-compliance. Strategies to increase screening will be discussed.

Speaker: Lucy W. Kibe, DrPH, PA-C – Associate Professor & Program Director, Charles Drew University of Medicine and Science

Talegria Brown – Research Associate, Charles R. Drew University of Medicine and Science

**Additional Authors:**

Daniel Askarinam, Quality Improvement Coordinator, Kedren Community Care Clinic

Katrina W. Schrode, PhD – Assistant Professor, Charles R Drew University of Medicine and Science

**ePoster 4: Liberalized Hospital Diets: Effects on Malnutrition, Satisfaction, and Care**

This study evaluates the impact of liberalized hospital diets on malnutrition, patient satisfaction, and perceptions of care. By offering regular diets with greater variety and empowering patients to make food choices, the approach improves satisfaction and reduces malnutrition risks without increasing adverse outcomes. Clinical safety, patient satisfaction (HCAHPS), and staff perceptions were assessed, demonstrating the benefits of a patient-centered dietary model in hospital settings.

Speaker: Jennifer Barnett, DMSc, PA-C, DFAAPA, DMSc, PA-C, DFAAPA, SFHM, CPHQ, CAQ-HM, Hospitalist and Adjunct Associate Professor, MedStar and University of Maryland

**ePoster 5: Long segment small bowel intussusception in an adult**

Intussusception in an adult is a rare and often elusive clinical entity that has a variety of causes both benign and malignant. One such cause is a small bowel lipoma; lipomas of the small intestine are also quite rare occurring in fewer than 4% of patients. Unlike in children, the mainstay of treatment is surgical exploration and resection of the afflicted segment of bowel.

Speaker: Brennan Bowker, MHS, PA-C – Senior Surgical Physician Assistant Part time professor of PA studies, Yale New Haven Hospital and Quinnipiac University

Kori Krovitz – PA-Student, Quinnipiac University

John DeFrancisco – PA-Student, Quinnipiac University

Emily R. Mankus, RN – PA-Student, Quinnipiac University

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Samuel M. Miller, MD, Yale New Haven Hospital, Yale University

Lisa M. Kodadek, MD, Yale New Haven Hospital, Yale University

**ePoster 6: POEMS syndrome: A Case Report**

This is a case report highlighting the key clinical features and diagnostic criteria for POEMS syndrome, a rare plasma cell dyscrasia and emphasizes the importance of screening for monoclonal proteins in patients presenting with peripheral neuropathy. It demonstrates the importance of early diagnosis and treatment for neurological recovery and preservation of quality of life.

Speaker: Kaylie Dalton, PA-C – Certified Physician Assistant, Mayo Clinic Arizona

**ePoster 7: PUD and Brunner's Gland Hyperplasia: Behind the Perforation**

With a broad target audience, this case study provides insight into a condition that is rare yet associated with common GI conditions. Clinicians must be equipped with the tools to identify and manage less common etiologies, even if benign (such as Brunner's gland hyperplasia). While PPIs remain a standard treatment for GERD, erosive esophagitis, H. pylori infection, and PUD, the pharmacological toolbox now also extends to P-CABS to treat, manage and prevent what's "behind the perforation".

Speaker: Caroline M. Gearin – PA-S, Mayo Clinic School of Medical Sciences - Mayo Clinic Physician Assistant Program

Additional Authors:

Ashley Vitale, DHSc, MPAS, PA-C, Mayo Clinic Health System - Mankato

Victoria S. Louwagie, DMSc, MS, PA-C, DFAAPA, Mayo Clinic Health System – Mankato

**ePoster 8: Robotic Peritoneal Flap Vaginoplasty Canal Hypergranulation Treatment**

This study examines neovagina canal hypergranulation tissue management. A retrospective review of 156 patients found 33% required granulation treatment, often months after surgery which included multiple treatment modalities and sessions. With nearly half of patients coming from states distant from surgical office, this study highlights the importance of postoperative follow-up with patients' local primary care team.

Speaker: Alex Friedman, PA-C – Physician Assistant, Crane Center

**ePoster 9: The Great Escape of the Stomach: Hiatal and Paraesophageal Hernias**

Imagine your stomach deciding to take a little trip up into your chest – that's a hiatal hernia. If left unchecked, complications like esophagitis, Barrett's esophagus, and even chronic lung disease can arise. Specific testing can help differentiate these hernias. Treatment varies from conservative approaches to surgical options. Understanding these subtle distinctions and treatment options are key to managing hiatal hernias effectively and improving patient outcomes.

Speaker: Sara Evans, MS, PAC – Physician Assistant, Mayo Clinic

**ePoster 10: The Unyielding Leak: Case Review- Refractory Chylothorax in Lung Transplant**

Chylothorax is a rare but life-threatening condition. Early diagnosis and tailored intervention improve outcomes and minimize complications. A 69-yo female with COPD underwent lung transplant in May 2024, complicated by refractory chylothorax. Early diagnosis and intervention are crucial for successful outcomes. A tailored, stepwise approach improves outcomes and reduces complications and mortality. Complex cases often require a multidisciplinary and sometimes multi-institutional approach.

Speaker: Sara Evans, MS, PAC – Physician Assistant, Mayo Clinic

Additional Authors:

Meg Adams, Physician Assistant, Mayo Clinic

Jensyn Garrow, Physician Assistant, Mayo Clinic

## **MTA 3 Sunday, May 18, 2025 11:30 AM – 12:30 PM**

### **ePoster Meet the Authors (MTA): 4-minute ePoster presentations within a 60-minute time block in Expo, not eligible for CME**

#### **ePoster 1: Criminal Justice Education Among Dual Degree Physician Assistant Students**

With 5.4 million individuals in the U.S. who either incarcerated or under criminal legal supervision as of 2021, this is a growing population that PA students will inevitably come into contact with during their careers. This study looks at the effects of criminal justice education on PA student stigmatization of individuals with a history of criminal legal involvement.

Speaker: Juliana Walton, MSPAS, MPH, PA-C – Physician Assistant, Touro University California

Joy A. Moverley, DHSc, MPH, PA-C, DFAAPA – Program Director, Touro University California

#### **ePoster 2: Error Disclosure: Simulated Practice Builds Student Confidence**

Medical errors are among the leading causes of death in the United States. Disclosing a medical error requires clear communication, honesty, and empathy from the physician assistant (PA) and other medical providers. This simulation experience demonstrated an increase in PA and nursing students' confidence with performing medical error disclosure. This presentation addresses ethical and professional issues affecting PAs and is relevant for practicing PAs, PA students and medical educators.

Speaker: Tracy L. Cleveland, EdD, MS, PA-C – Professor, Physician Assistant, University of South Dakota

Additional Authors:

Amber K. Evenson, Assistant Professor, Physician Assistant, University of South Dakota

Katie K. Kassin, Assistant Professor, Physician Assistant, University of South Dakota

William Schweinle, PhD, Professor, University of South Dakota

#### **ePoster 3: Filling the Bone Health Educational Void: PAs as Patient Advocates**

The National Spine Health Foundation's Spine and Bone Health Task Force conducted a public survey on bone health basics to determine knowledge gaps. This study will inform the creation of content to close these gaps and achieve meaningful gains in the silent epidemic of osteoporosis and low bone mass. Without clear ownership of bone health within the medical community, PAs are primed to fill this void as patient advocates in both medical and surgical specialties.

Speaker: Lindsay DAWN Orosz, MSPAC – Director of Research, National Spine Health Foundation

Additional Authors:

Rita Roy – MD, CEO, The National Spine Health Foundation  
Benjamin Elder – MD, Spine surgeon, Mayo Clinic  
Venu Nemani – MD, Spine surgeon, Virginia Mason Franciscan Health  
Ganesh Shankar – MD, Spine Surgeon, Massachusetts General Hospital  
Zeeshan Sardar – MD, Spine Surgeon, Columbia Orthopaedics  
Paul Anderson – MD, Spine surgeon, University of Wisconsin School of Medicine  
John Dimar – MD, Spine Surgeon, University of Louisville School of Medicine

**ePoster 4: From Aspiration to Matriculation: Enhancing Pre-PA Applicants' Success**

This session is for educators, mentors, and program leaders supporting pre-PA applicants. Learn about a national initiative that significantly boosted interview and acceptance rates for underrepresented applicants. Key strategies include mentorship, application guidance, and mock interviews. Attendees will gain practical tools to enhance applicant confidence, overcome barriers, and increase success in the PA application process.

Speaker: Lucy W. Kibe, DrPH, PA-C – Associate Professor & Program Director, Charles Drew University of Medicine and Science

Holly W. Johnson – Program Manager, Charles R Drew University of Medicine and Science

Additional Authors:

Olore W. Imoohi – Program Coordinator, Charles R Drew University of Medicine and Science

**ePoster 5: GPA and PANCE Performance Among PA Students with Disability Accommodations**

Many college students in the U.S. use disability accommodations, and their use has been shown to increase retention and college success. Understanding the role of accommodations in PA education is essential to ensure that PA students with disabilities are trained equitably and effectively. This research evaluated data on accommodations granted during PA school, GPAs, and first-time PANCE pass rates for 1128 students from four schools and five cohorts, graduation years 2019 through 2023.

Speaker: Hannah Anderson – Hannah Anderson, MSPAS, PA-C, University of Kentucky

Nicole M. Curry, MCMS, MJ, PA-C – Assistant Professor, The George Washington University

Additional Authors:

Renee Andreeff – Renee Andreeff Ed.D., PA-C, DFAAPA, Butler University

Shelby Edwards – Shelby Edwards, DHSc, PA-C, CHSE, D'Youville University

**ePoster 6: Impact of DMSc Degrees on Career Growth and Scholarship Productivity**

Despite rapid growth, the value, outcomes and impact of DMS programs remain uncertain. This study examined career transitions and scholarship productivity of 300 PAs before and after obtaining the DMS. We learned that scholarly productivity is increasing slowly and concentrated in a few individuals. DMS degrees have paved the way



for PAs to undergo career transition and entering new fields such as academia, pharma/biotech, or starting their own businesses.

Speaker: Gerald Kayingo, PhD, PA-C – Professor, PALLA

Additional Authors:

Andrew Stakem – Program Evaluation, Data Analytics, and Accreditation Specialist, University of Maryland Physician Assistant Leadership and Learning Academy (PALLA)

Lucy W. Kibe, DrPH, PA-C - Associate Professor & Program Director, Charles Drew University of Medicine and Science

### **ePoster 7: Recurrent Dental Aspiration in a Medically Complex Patient**

Pediatric foreign body aspiration is a surgical emergency requiring prompt intervention. Food accounts for the majority of aspirations in the pediatric population. However, in the medically complex population accidental aspiration of naturally exfoliating teeth has been noted but a definitive treatment pathway has not yet been developed. This is a case study reviewing a patient with recurrent dental aspirations and proposing new care pathways for implementation.

Speaker: Anna Shafer, MMSc, PA-C – Physician Assistant, Texas Children's Hospital, Baylor College of Medicine

Additional Authors:

Yi-Chun Carol Liu – Attending Physician, Otolaryngology, Assistant Professor, Texas Children's Hospital

Shraddha S. Mukerji – Associate Professor, Baylor College of Medicine, Texas Children's Hospital

Mary Frances Musso - Assistant Professor Pediatric Otolaryngology, Head & Neck Surgery, Baylor College of Medicine, Texas Children's Hospital

### **ePoster 8: Perceptions of Point-of-Care Ultrasound in Physician Assistant Anatomy Education**

POCUS is recognized as a valuable tool in medical training and clinical practice to enhance diagnostic skills and improve understanding of anatomy. The study incorporated POCUS into active learning anatomy sessions for 65 first year PA students. Sessions improved students' understanding of clinical anatomy and contributed to their success in the curriculum. These findings highlight the need to expand POCUS in PA education to meet the demands and prepare students for modern clinical practice.

Speaker: Caylea L. Molyneux, PA-S – Physician Assistant Student, University of California, Davis

Additional Authors:

Emily C. Thatcher, MPAS, PA-C – Assistant Clinical Professor, University of California, Davis

Cara M. Sandholdt – Assistant Clinical Professor, University of California, Davis

**ePoster 9: Fading minds: Why Minorities are left behind in Dementia Care**

Using local demographic data and geriatric clinic data, this presentation identifies statistically significant gaps in dementia care in racial and ethnic minority groups. It examines key barriers, such as socioeconomic factors, and proposes actionable solutions, such as increased culturally component care and recruiting more PAs into geriatric clinics. It aims to emphasize the need for equitable dementia care to enhance outcomes for underserved populations.  
Speaker: Faiza Qureshi – PAS-2, UC Davis

## Additional Authors:

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Victoria L. Jackson, DNP, RN, PHN, FNP-C, PA-C – Assistant Clinical Professor, University of California, Davis

**MTA 4 Sunday, May 18, 2025 1:30 PM – 2:30 PM**

**ePoster Meet the Authors (MTA): 4-minute ePoster presentations within a 60-minute time block in Expo, not eligible for CME**

**ePoster 1: Addressing Iron Deficiency Anemia in Migrant Farmworker Children**

This retrospective study examines the effectiveness of empiric iron therapy for treating anemia in migrant farmworker children in Utah. Results reveal higher anemia prevalence compared to national data and significant hemoglobin improvement with treatment. Variability in follow-up rates highlights the need for standardized protocols to enhance care delivery and outcomes.

Speaker: Jennifer M. Coombs, Dr – Professor, University of Utah Physician Assistant Program

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Paul M. Kezerian – PA-S, University of Utah Physician Assistant Program

**ePoster 2: Bouveret syndrome: a rare case of gallstone ileus**

Bouveret syndrome is a rare form of gallstone ileus that results in a gastric outlet obstruction. This disease is more common in elderly women but does occur in men too. Endoscopic intervention is considered first line, although there is on consensus given the rarity of the disease.

Speaker: Brennan Bowker, MHS, PA-C – Senior Surgical Physician Assistant Part time professor of PA studies, Yale New Haven Hospital and Quinnipiac University

Jessica D'Errico – PA-Student, Quinnipiac University

Olivia K. Esposito, MA – PA-S, Quinnipiac University

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Ariana Dominicus – PA Student, Quinnipiac University

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Shannon Maxon – MPAS, PA-C, Yale New Haven Hospital

Dirk C. Johnson – MD, Yale New Haven Hospital, Yale University

**ePoster 3: Cancer Screening in Women Being Treated for Opioid Use Disorder**

The purpose of this study is to compare cancer screening, specifically completion of recommended mammograms and cervical cancer screening tests, between women receiving buprenorphine treatment for OUD, and a comparable sample of women not being treated for OUD at a primary care clinic with integrated substance use disorder transition clinic. Results confirm that women being treated for OUD complete mammograms and PAP tests at a significantly lower rate than the general population.

Speaker: Joanne Rolls, MPAS, MEHP, PA-C – Vice-Chair of Education for the PA Education and Sciences Division and Director of Didactic Education University of Utah PA Program, University of Utah School of Medicine

Johanna E. Greenberg, PA-C, MPAS – Assistant Professor (Clinical), Physician Assistant, University of Utah

Additional Authors:

Juliana Palacio – PA Student, University of Utah

Alise Robinson – PA Student, University of Utah

Vanessa Medrano – PA Student, University of Utah

Melissa Spencer – PA Student, University of Utah

**ePoster 4: Colocutaneous fistula: a rare complication of acute sigmoid diverticulitis**

Acute diverticulitis is an extremely common disease pathology. Although many patients can be managed with antibiotics alone, some go on to develop complications of the disease. In rare instances, patients can develop a colocutaneous fistula. Surgical excision and percutaneous drainage have both been described with excellent success for management of this rare disease entity.

Speaker: Brennan Bowker, MHS, PA-C – Senior Surgical Physician Assistant Part time professor of PA studies, Yale New Haven Hospital and Quinnipiac University

Katie Rogers, PA-S2 – PA-Student, Quinnipiac University

Aliana Castro – PA-Student, Quinnipiac University

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Andrew Esposito – MD, Yale New Haven Hospital, Yale University

Tyler J. Jones – MD, Yale New Haven Hospital, Yale University

**ePoster 5: Early vs. Delayed Cranioplasty Following Decompressive Craniectomy in Adult Patients**

A 21-year-old female with severe traumatic brain injury from a motor vehicle collision underwent emergent decompressive craniectomy (DC) for increased intracranial pressure. Her scheduled cranioplasty (CP) was delayed due to pneumonia and performed nine weeks after DC. Post-CP, her Glasgow Coma Scale was unchanged. While CP improves neurological outcomes, its timing depends on factors like infection. This case demonstrates a successful CP following DC with no worsening neurological effects.

Expo Speaker: Anne Jasmine Holandez Palparan – PA Student, UC Davis

Additional Authors:

Emily C. Thatcher, MPAS, PA-C – Assistant Clinical Professor, University of California, Davis

**ePoster 6: Geospatial Analysis of PA Workforce Distribution in California**

We analyzed the distribution of Physician Associates (PAs) in California, focusing on Health Professional Shortage Areas (HPSAs) for primary care. Using geospatial mapping and statistical analysis, we found a negative correlation between healthcare need (HRSA score 1) and PA presence, with many high-need rural areas having few or no PAs. These findings highlight the misalignment between PA distribution and healthcare needs, offering insights for improving access in underserved regions.

Speaker: Jun Kawano – Student, University of California, Davis

Additional Authors:

Emily C. Thatcher, MPAS, PA-C – Assistant Clinical Professor, University of California, Davis

**ePoster 7: Lemierre Syndrome: Rediscovering the “Forgotten Disease”**

This ePoster discusses a rare case of Lemierre syndrome in an immunosuppressed elderly patient with diffuse large B-cell lymphoma. It highlights the clinical features, diagnosis, and management of Lemierre syndrome and reviews potential diagnostic challenges, particularly in atypical disease presentations. This presentation is intended for clinicians and aims to increase awareness of Lemierre syndrome, its diverse clinical presentations, and the importance of timely treatment.

Speaker: Hannah Raymond, PA-S2 – Physician Assistant Student, University of South Florida

Authors:

Savannah Brennan – Physician Assistant Student, University of South Florida

Aarav Julka – Medical Student, Case Western Reserve University School of Medicine

Neha Verma – Medical Director, Department of Internal and Hospital Medicine, Moffitt Cancer Center

Hardik Thakkar, MSPAS PA-C – APP Supervisor, APP Fellowship Coordinator at Moffitt Cancer Center, Moffitt Cancer Center

**ePoster 8: Ruptured Sinus Cyst Presenting As Profuse Rhinorrhea Suspicious for CSF**

Sinus retention cysts are a common incidental finding and form when the secretory ducts of the sinus mucosa are blocked. They are often asymptomatic, but can present with nasal obstruction or mild headache. Profuse unilateral rhinorrhea is a rare presentation mimicking a cerebral spinal fluid leak and should trigger a prompt workup with endoscopy, computed tomography, and beta-2-transferrin. Most do not require treatment, but persistent symptoms can be managed with endoscopic intervention.

Speaker: Nicole Horn, BS – PA Student, Quinnipiac University

Additional Authors:

Peter Sandor – Clinical Affiliate Associate Professor/Clinical Coordinator, Quinnipiac University

**ePoster 9: Using Point-of-Care Ultrasound in Patients with Persistent Shoulder Pain**

If you are a PA or PA student and you wonder how point-of-care ultrasound (POCUS) could enhance patient care in family practice or orthopedics, then this research may interest you. This poster aims to explore the value of POCUS as a diagnostic tool for shoulder pathologies in patients with persistent shoulder pain. Also, limitations to its use as a diagnostic tool, and in the utility of POCUS in guidance and monitoring of treatment are addressed.

Speaker: Sara Robison – PA Student, University of Nevada, Reno Physician Assistant Studies

**MTA 5 Sunday, May 18, 2025 2:45 PM – 3:15 PM**

**ePoster Meet the Authors (MTA): 4-minute ePoster presentations within a 60-minute time block in Expo, not eligible for CME**

**ePoster 1: Breaking Barriers to Continuum of Care**

PA's and other healthcare providers, such as midwives, play an integral role in task-sharing in order to dismantle clinical barriers and provide continuum of care, particularly among resource-constrained FQHC facilities. Using (Blinded) as a case study to explore patient centered care, this research discusses themes of enhancing access and efficiency among unique clinical settings to sustainably improve health outcomes within the communities they serve.

Speaker: Sierra Acker, MPH, PA-S – Student, The George Washington University

Additional Authors:

Howard Straker, EdD, MPH, PA-C – Associate Professor, Director of MPH/PA Program, EdD, MPH, PA-C, The George Washington University School of Medicine & Health Sciences

Karen McDonnell – Associate Professor, Department of Prevention and Community Health, The George Washington University Milken Institute School of Public Health

**ePoster 2: Coronary By-PASs: imPAct of Hands-Only CPR in Battling Health Disparities**

Black and Hispanic individuals face disparities in receiving bystander CPR during out-of-hospital cardiac arrests, leading to poorer outcomes. Recent research found these groups were less likely than White individuals to receive CPR at home or in public. The Coronary By-PASs Project addresses this by offering free CPR training in Durham, NC, led by Duke PA students. Early feedback reflects increased confidence, emphasizing the need for inclusive CPR education to reduce inequities.

Speaker: Kristina Miller, MS, ATC – Physician Assistant Student, Duke University  
Anna Senft Miller – Physician Assistant Student, Duke University

## Authors:

Janelle Blutorn, MS, PA-C – Assistant Professor, Duke University  
Adriana DaCosta – Physician Assistant Certified, CentroMed

**ePoster 3: Effect of LGBTQIA+ Curricular Inclusion on PA Student Confidence**

Given that there is no standardized curriculum across 208 accredited PA programs, this study examines how the inclusion of LGBTQIA+ health topics in PA programs affects students' self-perceived confidence. This study surveyed PA students nationwide via a 17-question survey, evaluating the correlation between hours of LGBTQIA+ education and their self-perceived total confidence.

Speaker: Sharil Orellana – Physician Assistant Student, Seton Hall University  
Tara R. O'Donnell – Physician Assistant Student, Seton Hall University

## Additional Authors:

Royce Yimbo – Physician Assistant Student, Seton Hall University  
Camila Lopez Trujillo – Physician Assistant Student, Seton Hall University

**ePoster 4: Effects of a 3-Week Empathy Intervention on Pre-Clerkship PA Students**

Pre-clerkship PA students are at risk of a decline in empathy levels, which can affect patient care. This quasi-experimental study examined whether a three-week structured simulation intervention could improve empathy levels. Short-term gains were achieved but declined after 90 days, underscoring the need for ongoing, integrated empathy development to maintain improvements and enhance both patient outcomes and clinician well-being.

Speaker: Jun Hee Kim, PA-C – Physician Assistant, Stanford University

**ePoster 5: Is It a True Emergency?: ERs vs Urgent Cares**

The study assesses where an individual goes for their acute medical needs: urgent care facilities or emergency departments. It looks into the factors that influence an individual's decision to present to an urgent care center or emergency department such as perception of severity of medical conditions, clinical sites, and clinical practitioners. With the data obtained, further research can be performed to assess if patient education is being provided and what areas may be in need of improvement.

Speaker: Jon-Paul Bourgelais – Physician Assistant Student, Wagner College Physician Assistant Program

Lauren Reuter – Physician Assistant Student, Wagner College Physician Assistant Program

Nicholas Giuseffi – Physician Assistant Student, Wagner College Physician Assistant Program

Vincent Lanzillo, PA-S – Physician Assistant Student, Wagner College Physician Assistant Program

Michael J. Hubert, Jr., PA – Physician Assistant Student, Wagner College Physician Assistant Program

Additional Authors:

Nicole Pirozzi – Clinical Director, Wagner College Physician Assistant Program

#### **ePoster 6: Optimal Team Practice: PA Perceptions from Across the Professional Continuum**

Optimal Team Practice or OTP, focuses on increasing team-based practice in health care. Since its creation, OTP has been debated by various healthcare professionals. Through qualitative thematic analysis, this study aimed to determine the effects OTP has had on PAs across the profession through analysis of current and future PAs. Results indicated that OTP will enhance PA autonomy and lead to more collaborative healthcare teams, improving patient outcomes.

Speaker: Kristen K. Will, PhD, MHPE, PA-C – Clinical Professor and Associate Dean, Arizona State University

Nicole Lesan – Student, Arizona State University

Additional Authors:

Amber Brooks-Gumbert – Clinical Assistant Professor and Program Director, Arizona State University

#### **ePoster 7: Paws and Reflect: Exploring Animal-Assisted Therapy in PA Education**

The study explores the PA students' perceptions of the impact of animal-assisted therapy in managing stress and promoting well-being among PA students. The study highlights PA students' insights from a needs-based survey on dog therapy's perceived effectiveness and how to maximize it. Overall, the study explores student perceptions of wellness initiatives, demonstrating how dog therapy can reduce burnout, foster resilience, and enhance wellness in PA education and clinical practice.

Speaker: Shelby E. Steadman, PA-S1 – Physician Assistant Student, George Washington University Physician Assistant Program

Jeanne Coyle – PA/MPH-S2, George Washington University Physician Assistant Program

Britney DeRoehn – PA-S1, George Washington University Physician Assistant Program

Additional Authors:

Malwina Huzarska – MS, MMS, CAQ-EM, PA-C, George Washington University Physician Assistant Program

Brandon Beattie, MMSc – MMSc, PA-C, George Washington University Physician Assistant Program

#### **ePoster 8: Seeing Potential: Bridging the Gap for Physician Associates in Ophthalmology**

This study explores the low representation of PAs in ophthalmology despite the growing demand for eye care. Interviews with seven PAs revealed barriers such as ophthalmologists' unfamiliarity with PA roles, limited PA

exposure to ophthalmology, and lack of integration models. Findings highlight the critical role PAs play in enhancing care and suggest expanding training opportunities and fostering collaboration to improve patient access and address provider shortages in eye care

Speaker: Hannah Henderson, PA-S – PA Student, Stanford University School of Medicine

Additional Authors:

Eric J. Ip, PharmD, APh, BCPS, CSCS, CDCES, FCSHP – Clinical Professor, Stanford University School of Medicine

Annette Nasr – PhD, RN, MPA, NE-BC, Stanford University School of Medicine

### **ePoster 9: Student Perceptions of a Gamified Versus Traditional Interprofessional Education**

This session compares first-year OT, PA, PT, and AT students' responses to gamified IPE versus traditional case studies. Surveys showed higher engagement and understanding of roles with the gamified approach. Attendees will explore how feedback informed curriculum design and future strategies for advancing interprofessional collaboration. Ideal for educators and interdisciplinary teams focused on enhancing communication and understanding of the each others professions.

Speaker: Rachel Weinzimmer, DMSc, PA-C, CAQ-EM, CPAAPA – Assistant Program Director, Director of Didactic Education, Assistant Professor, Colorado Mesa University

Additional Authors:

Cassidy Herringer – Assistant Professor, Colorado Mesa University

### **ePoster 10: Trials and Tribulations of Clinical Psilocybin use for Mental Health**

This qualitative study evaluates the perspectives of practicing psilocybin facilitators on the legal implementation of psilocybin to treat mental health in Oregon. Participants were interviewed on a variety of subjects including personal experiences and professional backgrounds, patient outcomes, barriers, recommended changes, and future directions of research. Interview transcripts were analyzed to determine three common categories and one overarching theme.

Speaker: Jardon Weems – PA-S2, Stanford University School of Medicine

Susan Jameson – PA-C, LPD, MHP, Stanford University School of Medicine

Eric J. Ip, PharmD, APh, BCPS, CSCS, CDCES, FCSHP – Clinical Professor, Stanford University School of Medicine

### **ePoster 11: Utilizing Advanced Practice Providers as Thoracentesis Proceduralists at Stanford Hospital**

The study examines the impact of advanced practice providers on patient wait times for outpatient thoracentesis procedures in interventional pulmonology at Stanford Hospital. A retrospective chart review showed a reduction in average wait times, 20.42 days in the pre-APP group to 11.43 days in the post-APP group. There was also an increase in the number of total thoracenteses performed and a higher rate of follow up appointments. These findings indicate the value of APPs as proceduralists.

Speaker: Daphne Lee – Second Year PA Student, Stanford University



**MTA 6 Monday, May 19, 2025 1:00 PM – 2:00 PM**

**ePoster Meet the Authors (MTA): 4-minute ePoster presentations within a 60-minute time block in Expo, not eligible for CME**

**ePoster 1: Atypical Presentation of a Vaginal Cyst: Navigating the Differential**

Vaginal cysts are common, with a prevalence rate of 0.5%. This case highlights an 8.5 cm symptomatic vaginal cyst in a 24-year-old nulligravida woman with no known congenital abnormalities or surgical history. It explores the differences between epidermoid, Gartner's duct, Müllerian, and Skene's gland cysts, including location, size, and risk factors. This poster illustrates the workup, diagnosis, and treatment of an atypical pelvic cyst.

Speaker: Amber Maes – PA Student, Dominican University of California

Additional Authors:

Christopher Forest – Physician Associate and Professor, Dominican University of California

**ePoster 2: Cancer Screening Disparities in HIV Clinics: Addressing Preventive Care Gaps**

Patients living with HIV are at increased risk for certain cancers, emphasizing the importance of preventive screenings. This study evaluates colorectal and breast cancer screening rates in a University of Utah HIV Infectious Disease Clinic, comparing them to national health maintenance goals. Findings aim to identify disparities, barriers to adherence, and opportunities to enhance preventive care for this vulnerable population.

Speaker: Jennifer M. Coombs, Dr – Professor, University of Utah Physician Assistant Program

Additional Authors:

Kelsey M. Genovesse – Assistant Professor, University of Utah Physician Assistant Program

Elizabeth M. Avery – PA-S, University of Utah Physician Assistant Program

Cheyenne M. Solorio – PA-S, University of Utah Physician Assistant Program

Ella Vanalfen – PA-S, University of Utah Physician Assistant Program

Ryan Dix – PA-S, University of Utah Physician Assistant Program

Macy M. Parkin – PA-S, University of Utah Physician Assistant Program

**ePoster 3: Complicated Diverticulitis Resulting in Colovaginal Fistula**

This case report describes a 63-year-old woman with diverticulitis complicated by a colovaginal fistula. She presented with 10 days of vaginal bleeding during intercourse without malodorous or feculent vaginal discharge. The patient underwent a sigmoidectomy with primary anastomosis and diverting loop ileostomy, vaginal wall repair, and appendectomy. To optimize patient outcomes, colovaginal fistulas require multidisciplinary care involving gynecology and general surgery.

Speaker: Alison Clark – PA-S2, Quinnipiac University

Additional Authors:

Deanna Sgambato – DMS, PA-C, Quinnipiac University Physician Assistant Program

**ePoster 4: Failed Methotrexate Therapy in Tubal Ectopic Pregnancy**

This case describes a 39-year-old female with a suspected tubal ectopic pregnancy who was treated with methotrexate. Despite therapy, her beta-hCG levels rose and symptoms worsened. A repeat ultrasound showed an increasing adnexal mass that required surgical intervention. She underwent successful laparoscopy with partial left salpingectomy. This case highlights the importance of close monitoring in methotrexate-treated ectopic pregnancies, as some may require additional therapy or surgery.

Speaker: Lindsay G. Taylor – Physician Assistant Student, Quinnipiac University

Additional Authors:

Joshua Freund – PA-C, DMSc, Quinnipiac University

**ePoster 5: Giant Pelvic Schwannoma in the Setting of Renal Cell Carcinoma**

Giant pelvic schwannoma is very rare accounting for approximately 1-3% of all schwannoma cases. This presentation highlights a patient case report of giant pelvic schwannoma in the setting of previously diagnosed renal cell carcinoma. The primary research points that are addressed include the clinical features of pelvic schwannoma, diagnostic and treatment challenges posed by these tumors, and the importance of the proposed genetic relationship between pelvic schwannoma and renal cell carcinoma.

Speaker: Madeline L. Folsom, PA Student – Physician Assistant Student, Quinnipiac University

Additional Authors:

Brennan Bowker, MHS, PA-C – Senior Surgical Physician Assistant Part time professor of PA studies, Yale New Haven Hospital and Quinnipiac University

**ePoster 6: Hemophagocytic Lymphohistiocytosis Secondary to Disseminated Histoplasmosis in an HIV-Seronegative Male**

Hemophagocytic lymphohistiocytosis (HLH) secondary to disseminated histoplasmosis (DHP) is a rare disease state, impacting < 1% of the global population. While cases of HLH secondary to DHP in HIV-positive individuals are well documented, limited evidence exists regarding cases among HIV-seronegative individuals. This case report reviews the diagnosis and treatment of HLH secondary to DHP in an HIV-Seronegative male post-renal transplantation, which was further complicated by an upper GI bleed.

Speaker: Alison B. Chamberlain, PA-S2, BS – PA-S, Quinnipiac University

Additional Authors:

Sheree Piperidis – MHS, PA-C, Quinnipiac University

**ePoster 7: Impact of Removing GRE Requirement on PA Program Applicant Pool**

This study evaluates the impact of removing the GRE requirement on a PA program's applicant pool. Analyzing CASPA data from 2020-2025, we observed significant increases in diversity, including non-White, non-native English speakers, and first-generation applicants. The findings suggest that eliminating the GRE requirement can enhance applicant diversity without compromising academic qualifications, potentially contributing to a more diverse PA workforce.

Speaker: Jeremy L. Nelson, DMSc MPAS PA-C DFAAPA – Clinical Assistant Professor/Emergency Department, University of Iowa Carver College of Medicine

Additional Authors:

Theresa E. Hegmann – Clinical Professor, University of Iowa Physician Assistant Program

**ePoster 8: Investigating Inspire Hypoglossal Nerve Stimulation for Refractory OSA Treatment**

Obstructive sleep apnea (OSA) is a prevalent condition often requiring tailored treatments for CPAP-intolerant patients. This presentation discusses a case of severe OSA managed with Inspire hypoglossal nerve stimulation (HNS), highlighting its efficacy in reducing AHI and improving quality of life compared to traditional options. Ideal for ENT, sleep medicine, and primary care professionals, this session emphasizes evidence-based surgical advances and personalized OSA care.

Speaker: Thuc D. Nguyen-Le – Physician Assistant Student (PA-S2), University of California, Davis

Additional Authors:

Emily C. Thatcher, MPAS, PA-C – Assistant Clinical Professor, University of California, Davis

**ePoster 9: Obstructive Jaundice due to Ampullary Tubular Adenoma**

A 64-year-old male presented to the emergency department with jaundice associated with right upper quadrant pain, generalized pruritis, loose and gray colored stools and dark brown urine. An abdominal CT identified biliary and pancreatic ductal dilation and findings concerning for a distal pancreatic duct mass. An ERCP showed a two-centimeter ampullary mass with final biopsy results of ampullary adenoma with high grade dysplasia. Pancreatic and biliary stents were placed during ERCP.

Speaker: Kelsey Coolidge – Physician Assistant Student, Quinnipiac University

Additional Authors: Deanna Sgambato – DMS, PA-C, Quinnipiac University Physician Assistant Program

**ePoster 10: Porcelain Gallbladder - Case Report**

This case report is intended for healthcare professionals and explores the diagnosis, prognosis, complications, and treatment of porcelain gallbladder, a rare condition characterized by calcification of the gallbladder wall. Porcelain gallbladder has historically been linked with a markedly elevated risk of gallbladder carcinoma; however, recent data has emerged leading to an updated approach to the management of this condition.

Speaker: Olivia K. Esposito, MA – PA-S, Quinnipiac University

Additional Authors:

Peter Sandor – Clinical Affiliate Associate Professor/Clinical Coordinator, Quinnipiac University

**ePoster 11: Group A Strep Meningitis**

This is a case report reviewing a case with a patient diagnosed with group a strep meningitis, a relatively rare cause of meningitis. This case highlights the importance of multidisciplinary teams and the utility of lumbar puncture in the diagnostic workup of acute encephalopathy, even if meningitis is lower on the differential. This case also demonstrates how small, seemingly unimportant physical exam findings can be the unifying factor in determining the cause of illness and diagnosis.

Speaker: Kathleen Glenn, PA-C

Additional Authors: Shereen Arco, NP

**MTA 7 Monday, May 19, 2025 2:15 PM – 3:15 PM**

**ePoster Meet the Authors (MTA): 4-minute ePoster presentations within a 60-minute time block in Expo, not eligible for CME**

**ePoster 1: Disability and Mental Illness in the LGBTQIA Community**

This study explores the link between disability and mental health in the LGBTQIA community using data from the All of Us research database. It compares the prevalence of anxiety, depression, and substance use disorders among LGBTQIA individuals with and without disabilities. The findings aim to highlight the compounded impact of ableism, homophobia, and transphobia, informing future research and public health strategies for LGBTQIA individuals with disabilities.

Speaker: Arin Barth – DHSc/MPAS Student, Thomas Jefferson University

**ePoster 2: Exploring Social and Genetic Factors in Eye Health Disparities**

This study investigates how social determinants and genetic predispositions in the prevalence and co-occurrence of chronic eye conditions among diverse populations in the All of Us Research Program. Findings emphasize disparities linked to income, age, and health access, alongside genetic risks. Physician assistants play a crucial role in addressing these disparities through patient education, early detection, and advocating for accessible care, improving outcomes in vulnerable populations.

Speaker: Darani A. Thammavongsa, BS, MS, PA-S – Physician Assistant Student, Ithaca College - Ithaca College PA Program

Additional Authors:

Sean Kolhoff, PhD – Senior Research Analyst, AAPA

Melissa Murfin – Program Director, Ithaca College PA Program

**ePoster 3: Patient Experiences with Advanced Practice Providers and Physicians**

This study utilized data from the All of Us research program to investigate patient experiences, healthcare-related quality of life, and medical harms between patients who only saw advanced practice providers and those who only saw physicians in the past year. These results are relevant to advanced practice providers, physicians, hospital administrators, legislators, and other regulators of healthcare policy.

Speaker: Weilong Li, DMS, CGC, PA-C – Physician Assistant, Children's Hospital of Philadelphia

**ePoster 4: Stress in Diverticular Disease: A Comparative Study**

This research examines the psychosocial impact of diverticular disease on stress and quality of life, focusing on racial disparities. Using NIH All of Us data, we compare individuals with uncomplicated and complicated diverticular disease to those without. By analyzing stress levels via the Cohen Perceived Stress Scale, the research aims to uncover how race influences mental health challenges in diverticular disease, offering insights for improved patient care and management strategies.

Speaker: Roma D. Patel, PA-S – PA Student, Mercer University Physician Assistant Studies Program

**ePoster 5: A Rare Case of Atraumatic Pneumocephalus with Cerebrospinal Fluid Leak**

This is a case study of a 46-year-old female who presented to the ED with complaints of excessive rhinorrhea and headache. Prior to the ED visit, the patient sneezed and began to notice excessive fluid drainage from her left nostril and subsequent headache. No constitutional and ENT symptoms. CT head revealed a cribriform plate fistula and pneumocephalus. The patient was transferred to a tertiary care center for surgical management. Post-surgical CT revealed full recovery of pneumocephalus.

Speaker: Austin S. De Lozada – PA-S2, University of California, Davis

Additional Authors:

Emily C. Thatcher, MPAS, PA-C – Assistant Clinical Professor, University of California, Davis

**ePoster 6: Ileocolic Intussusception Secondary to a Neuroendocrine Tumor in an Adult**

Intussusception is increasing among the adult population and often presents with generalized symptoms. In this case, the patient presented with vague abdominal symptoms without signs of obstruction. Due to the nature of the pathology, this population of patients most often require surgical interventions.

Speaker: Alyssa Crispino – PA Student, Quinnipiac University

Additional Authors:

Brennan Bowker, MHS, PA-C – Senior Surgical Physician Assistant Part time professor of PA studies, Yale New Haven Hospital and Quinnipiac University

**ePoster 7: Small Bowel Obstruction Secondary to Abdominal Tuberculosis**

The most common cause of Small Bowel Obstruction (SBO) in the United States continues to be adhesions due to prior abdominal surgery. It can be easy to forget at times other less common causes of SBO's, such a tuberculosis, which are much more common in developing countries. Here we present a case of an SBO in a 34 year old

Cambodian male who presented to the emergency room in Connecticut. The patient's SBO was later deemed to be due to Abdominal Tuberculosis.

Speaker: Cara Welsh, PA-S2, BS, EMT-P – PA-Student, Quinnipiac University

Additional Authors:

Joshua Freund – PA-C, DMSc, Quinnipiac University

#### **ePoster 8: Transplacental HPV Transmission Resulting in Neonatal Condyloma Acuminata**

This presentation follows a case of neonatal condyloma acuminata on the scalp. This infant's mother had a remote history of abnormal Pap test requiring colposcopy with LEEP procedure 12 years prior to delivery. Since then, her Pap tests have been negative, most recent being 11 months before delivery. The wart on the infant's scalp had the characteristic appearance of condyloma acuminata with its cauliflower-like appearance, indicating a clinical diagnosis of transplacental transmission of HPV.

Speaker: Julia S. Shactman – Second Year PA Student, Quinnipiac University

Additional Authors:

Deanna Sgambato – DMS, PA-C, Quinnipiac University Physician Assistant Program

#### **ePoster 9: Venous Thoracic Outlet Syndrome in a Healthy 16 year-Old Patient**

Thoracic outlet syndrome (TOS) is a rare condition caused by compression of nerves or blood vessels in the thoracic outlet. TOS presents with pain, tingling, weakness, swelling, or discoloration based on etiology. TOS management may involve lifestyle changes, physical therapy, pain relief, anticoagulation, and surgery. The goal of surgical management is to relieve the compression, eliminate the need for long-term anticoagulation and enable unrestricted arm activity.

Speaker: Klaudia Toma – PA-Student, Quinnipiac University

Additional Authors:

Sheree Piperidis – MHS, PA-C, Quinnipiac University

#### **ePoster 10: Delirium and bullae: a rare presentation of chronic limb-threatening ischemia**

Chronic limb-threatening ischemia occurs as a severe manifestation of peripheral arterial disease and can result in ulcerations, amputation, and even death. In the case presented here, the patient presented with delirium and localized flaccid bullae on her lower extremity. She was later found to have undiagnosed polyvascular disease and chronic limb-threatening ischemia.

Speaker: Ashley Shafran – PA-Student, Quinnipiac University

Additional Authors:

Deanna Sgambato – DMS, PA-C, Quinnipiac University Physician Assistant Program

**ePoster 11: Comparative analysis of surgical complications in MDs, PAs and NPs**

This study compared surgical complications from skin cancer excisions performed by MDs/DOs, PAs, and NPs using national claims data. Analysis included 302,808 excisions by MDs/DOs, 23,730 by PAs, and 9,672 by NPs.

Complication rates, including wound dehiscence and infections, were low across all providers. PAs and NPs showed similar or lower odds of complications compared to MDs/DOs. Results highlight the ability of PAs and NPs to achieve high-quality surgical outcomes for appropriate cases.

Speaker: Cynthia Griffith, MPAS-PA-C – MPAS,PA-C, University of Texas Southwestern Medical Center