

Department of Emergency Medicine Quarterly Update

Apr-May-June 2023

Message from the Chair: Barry J. Knapp, MD

Hello all! I hope your summer is going well! As we begin our new academic year, core faculty and fellowship directors are deep in the resident/fellow orientation process. I want to commend Dr. Byars on the excellent job he's done during his inaugural year as Program Director! Among the positive changes he has initiated is the continuation of resident Grand Rounds on Thursdays during July. As we settle our new interns, we'll rapidly change our eye toward medical student recruiting. We anticipate a very challenging year for emergency medicine. As EVMS EM-bound and visiting students rotate with us in the upcoming months, please take every opportunity to show the great skills and physicians we have in Emergency Physicians of Tidewater / EVMS Emergency Medicine! Lastly, I want to welcome all those new to EPT and the academic department! Please feel free to contact Dr. Byars (don.byars@gmail.com) or me (knappbj@evms.edu) with academic department questions or teaching opportunities.

Message from the PD: Don Byars, MD

The interns are coming!! The interns are coming!! While the brand new interns are indeed coming to an ED near you, fear not! We have a strong class this year who I think will make us all proud! I have had the pleasure of working a few shifts with most of them now and it helps me to remember why I love this job when I see the light of excitement in the eyes of a new intern who has just successfully intubated an ED patient, or placed a line in a code for the very first time. While the interns are both a fun and strong group, it is important to remember that they are still interns and need all the support we can give them. I will also dearly miss my first two chiefs, Lexie and Grace. Well...actually...I won't miss them too much as Grace is sticking around as the Academic Fellow and we convinced Lexie to join the EPT family. I have every confidence that Ashley and Alex will live up to the expectations set by those who came before them. In fact, they have both hit the ground running helping us to make positive changes for the program already (and to help put out fires I accidentally start). While we still have many challenges to face such as an uncertain applicant group to our specialty and the Supreme Court changing the ground rules for admissions, I am confident our team can overcome these challenges and continue to recruit the best and brightest and train them to become some of the finest emergency physicians in the country!

Inside This Issue

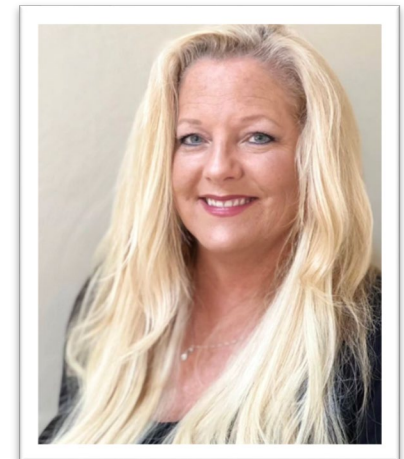
Message from the Chair.....	1
Message from the PD.....	1
Special Achievements.....	2
Publications.....	2
Speaking Engagements.....	3
Scholarly Activities.....	5
Upcoming Events	8

Special Achievements

1. **Heidi Best, MD**, was elected to the American Academy of Emergency Medicine's (AAEM) Board of Directors on April 24, 2023. With seven candidates running (including one incumbent), it was one of the more competitive years at AAEM.



2. **Ashley Nelsen, MD** was recently inducted into the Gold Humanism Society on April 28, 2023.
3. Congratulations to **Kirsten Pennell, MD** for winning the ACEP's National Emergency Medicine Excellence in Bedside Teaching Award. This award highlights the commitment and dedication of our community faculty in teaching the next generation of emergency physicians.



Publications

1. Yeluru, H., Newton, H., Keltz, J., Acevedo-Alvarez, M., **Cipi, A.**, Gates, C., Patel, S., Mclean, A., Xi, A., Abraham, A., & Kapoor, R. *Collaboration and Customization of a Clinical Leadership Curriculum Across Specialties and Institutions*. AAMC-GRA National Spring Meeting. San Francisco, CA, April 16 – 19, 2023.
2. **Anya Cipi MD**, was named as a contributor for "Ventricular Tachycardia" in the March issue of Visual Dx.
3. **Sara Demian MD, PGY-2**, was named as a contributor for "Ventricular Fibrillation" in the March issue of Visual Dx.

4. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Mild Traumatic Brain Injury; Valente JH, Anderson JD, Paolo WF, Sarmiento K, Tomaszewski CA, Haukoos JS, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Friedman B, Gemme SR, Gerardo CJ, Godwin SA, Hahn SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, **Lo BM**, Mace SE, Moran M, Promes SB, Shah KH, Shih RD, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Tomaszewski CA, Trent S, Valente JH, Wall SP, Westafer LM, Yu Y, Cantrill SV, Finnell JT, Schulz T, Vandertulip K. Clinical Policy: Critical Issues in the Management of Adult Patients Presenting to the Emergency Department With Mild Traumatic Brain Injury: Approved by ACEP Board of Directors, February 1, 2023 Clinical Policy Endorsed by the Emergency Nurses Association (April 5, 2023). *Ann Emerg Med.* 2023 May; 81(5):e63-e105. PMID: 37085214.
5. Expert Panels on Vascular Imaging and Cardiac Imaging; Parenti VG, Vijay K, Maroules CD, Majdalany BS, Koweek LM, Khaja MS, Ghoshhajra BB, Agarwal PP, Contrella BN, Keefe NA, **Lo BM**, Malik SB, Surasi DS, Waite K, Williamson EE, Abbara S, Dill KE. ACR Appropriateness Criteria® Workup of Noncerebral Systemic Arterial Embolic Source. *J Am Coll Radiol.* 2023 May;20(5S):S285-S300. PMID: 37236749.
6. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Appendicitis; Diercks DB, Adkins EJ, Harrison N, Sokolove PE, Kwok H, Wolf SJ; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Friedman B, Gemme SR, Gerardo CJ, Godwin SA, Hahn SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, **Lo BM**, Mace SE, Moran M, Promes SB, Shah KH, Shih RD, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Tomaszewski CA, Trent S, Valente JH, Wall SP, Westafer LM, Yu Y, Cantrill SV, Finnell JT, Schulz T, Vandertulip K. Clinical Policy: Critical Issues in the Evaluation and Management of Emergency Department Patients With Suspected Appendicitis: Approved by ACEP Board of Directors February 1, 2023. *Ann Emerg Med.* 2023 Jun;81(6):e115-e152. PMID: 37210169

Speaking Engagements

1. **Joseph Lang MD**, presented the lecture "Cardiovascular Emergencies" to the EVMS PA Class on April 3, 2023.
2. **Francis Counselman MD**, presented the lecture "Pulmonary Emergencies" to the EVMS PA Class on April 6, 2023.
3. **Anya Cipi MD**, gave a Journal Club presentation to the Fine Family Academy of Educators on March 22, 2023.
4. **Dr. Cipi** also presented a shock lecture to the Trinidad EM audience on March 21, 2023, and a lecture on dizziness at the VCU EM Grand Rounds on April 5, 2023.
5. **Kean Feyzeau, MD** gave a "chalk talk" on Women in EM to the American Medical Women's Association (AMWA) and Emergency Medicine Interest Group (EMIG) combined student group.
6. **Bruce Lo MD**, attended the American Academy of Emergency Medicine's (AAEM) Scientific Assembly in New Orleans, LA from April 22-25, 2023 and presented the following lectures:

- a. Finances of PAs and NPs in Emergency Medicine (4/22/2023)
 - b. To HiNTS or NOT to HiNTS (4/25/2023)
- 7. During this conference, **Dr. Lo** served on the panel discussion for the AAEM ED Operations Course certificate for “Utilizing PAs and NPs”; and taught “Lean Six Sigma” on April 22, 2023.
- 8. In addition, **Dr. Lo** was on the panel for the AAEM Town Hall on April 23, 2023.
- 9. **Kean Feyzeau, MD** lectured to the EVMS M1 students on Hepatobiliary Ultrasound on April 25, 2023.
- 10. **Charles Graffeo, MD** gave a talk on Disaster Medicine at Riverside Regional Medical Center on April 29, 2023.
- 11. **Bruce Lo MD**, presented the lecture “Input-Throughput-Output: Models of Patient Flow” for the American Academy of Emergency Medicine’s (AAEM) ED Operations course (virtual) on May 17, 2023.
- 12. **Joseph Lang MD**, presented the lecture “Toxicology in EMS” at the VA-1 DMT Annual Training Retreat.
- 13. **Dr. Lang** also presented “Toxicology in EMS” and “Shocking! Electrical and Lightning Related Injuries” at the Tidewater EMS Expo.
- 14. **Gavin Rogers MD**, presented “EFAST, is that fluid or am I seeing things?” as an introductory lecture to ultrasound in the hypotensive trauma patient at the PA Lunch and Learn session on May 22, 2023.
- 15. **Bruce Lo, MD** presented two (2) lectures titled “The American Academy of Emergency Medicine: Advocating for the Rights of the Specialist in Emergency Medicine and their Patient” and “EMTALA: Myths and Pitfalls” at the University of Virginia, Department of Emergency Medicine Grand Rounds in Charlottesville, VA on May 31, 2023.
- 16. **Bruce Lo, MD** attended the 2023 International Conference on Emergency Medicine in Amsterdam, Netherlands, June 13-16, 2023. Dr. Lo presented the following lectures:
 - a. Front End Madness: Taking Care of Patients in the Waiting Room
 - b. Topical Anesthetics for Corneal Abrasion: Should you do it?
 - c. HINTS exam in Dizziness: Should You Do It?
- 17. **Joseph Lang, MD** and **Dylan Woolum, MD** attended the Nightingale Quarterly Training on June 19 and June 20, 2023. Dr. Woolum presented “Dialysis Emergencies” and Dr. Lang presented “Hypertensive Emergencies in Critical Care Transport”.
- 18. **Bruce Lo, MD**, Spoke at the Northwest Seminars Topics in Emergency Medicine in Savannah, GA from Jun 26-29, 2023.
His lectures included:
 - 1) Boy It's Hot in Here! Managing Heat-Related Illnesses (Jun 26)
 - 2) As the World Turns: Dizziness in the ED (Jun 26)

- 3) EMTALA: Myths and Pitfalls (Jun 27)
- 4) Hemorrhagic Stroke Management in the ED (Jun 27)
- 5) LLSA Article Kahootz (Jun 28)
- 6) Stroke Alert! Updates to Ischemic Strokes (Jun 28)
- 7) All You Need to Know About Cardiac Devices in the ED (Jun 29)
- 8) Top Ten Things Learned (Jun 29)

Scholarly Activities

1. **Barry Knapp, MD** attended an ABEM sponsored virtual New Director Orientation session on March 15, 2023.
2. **Anya Cipi MD**, authored the chapter “Visual DX” on V-tach; March 2023.
3. On March 30, 2023, **Matt Jones MD** and **Gavin Rogers MD** led a 2 hour workshop on the RUSH exam with the EVMS Emergency Medicine Interest Group. The presentation included slides on pathology and the RUSH Exam Protocol. The presentation was also integrated with hands-on scanning with a focus on image acquisition.
4. **Don Byars MD, Dylan Woolum MD, and Joe Lang MD** taught TEMS RSI Course in Portsmouth, VA on April 5, 2023.
5. **Barry Knapp, MD** attended the in-person New Director Orientation at ABEM Headquarters, April 16-19, 2023.
6. At this year's Society for Academic Emergency Medicine Annual Meeting (SAEM23), which took place in Austin, Texas, May 16-19, 2023, the following abstracts were presented:
 - a. A Multi-year Accounting of Academic Emergency Medicine Faculty Non-Clinical Time – **All faculty, Ashley Nelsen, MD.**
 - b. Using the HER to Improve Accuracy in Documenting Adult Medical Resuscitations by EM Residents – **Eleanor Erwin MD, Christina Gates DO, Barry Knapp MD, Don Byars MD**
 - c. A Novel Ultrasound Model for Teaching the Erector Spinae Plane Block – **Don Byars MD, Kean Feyzeau MD, Matt Jones MD, Leslie Kallevang MD, Gavin Rogers MD, Jesse Cann MD.**
 - d. Outcomes of Patients with Mild Traumatic Brain Injury Managed in an Emergency Department Observation Unit – **Greg Weingart MD, Ryan Tomberg MD, Don Byars MD, Barry Knapp MD, Corey Wasilnak MD.**
 - e. Social Media in EM: Top Instagram Influencers Among EM Residency Programs (And How to Improve) – **Don Byars MD, Barry Knapp MD, Charles Graffeo MD, Lexie Neubauer MD, Grace Gartman MD.**

- f. How Long Does it Take to Infuse D10W Versus D50W: A Simulation Trial – **Joe Lang MD, Ashley Fox DO, Dylan Woolum MD, Barry Knapp MD, Don Byars MD, Jaquelin Sugameli DO.**
 - g. Racial, Age, & Gender Disparities in the Prehospital Treatment of Pain – **Don Byars MD, Barry Knapp MD, Francis Counselman MD, Joe Lang MD, Dylan Woolum MD, Katherine Schaffer MD, Michael Bittner.**
 - h. Nitrous Oxide Revisited for Prehospital Pain Relief in the Opioid Crisis: The First 100 Patients – **Don Byars MD, Joe Lang MD, Barry Knapp MD, Dylan Woolum MD, Larry Newton MD.**
 - i. Leveraging the HER to Improve Efficiency and Accuracy in Documenting Procedures of Emergency Medicine Residents – **Eleanor Erwin MD, Christina Gates DO, Barry Knapp MD, Charles Graffeo MD, Don Byars MD.**
 - j. Ultrasound Guided REBOA Deployment During a Simulated Out of Hospital Cardiac Arrest: A Feasibility Study – **Don Byars MD, Matt Jones MD, Kean Feyzeau MD, Joseph Lang MD, JD Landon MD, Lucie Ford MD, Dylan Woolum MD.**
7. **Bruce Lo MD**, was selected as an abstract reviewer for the 2023 Mediterranean Emergency Medicine Conference on May 8, 2023.
8. On June 8, the department held the 31st Annual Resident Scholarly Activity Day, with invited guest speaker, Felix Ankel, MD (University of Minnesota). The resident presentations (listed below) represent the culmination of three years of original scholarly activity conducted by our senior residents during their training.
- a. Ultrasound Guided Percutaneous REBOA Versus Emergency Thoracotomy in a Simulated Traumatic Arrest – **Thomas Hogan, DO; Donald Byars, MD; Anjeza Cipi, MD; Matthew Jones, MD** and **Kean Feyzeau, MD.**
 - b. Evaluating the Impact of Severe Weather Storms on Emergency Department Volumes – **Michael Hudson, MD; and Greg Weingart, MD.**
 - c. A Novel Multimedia Educational Model for the Management of Priapism Using an Ultrasound Guided Dorsal Nerve Block – **Ngassa Mssika, DO; Kean Feyzeau, MD; Donald Byars, MD; and Matthew Jones, MD.**
 - d. A Qualitative and Quantitative Assessment of the Performance of Three Cricothyrotomy Kits on a Simulated Difficult Airway Mannequin – **Larry Newton, MD; Krisos Spyratos, DO; Donald Byars, MD** and **Charles Graffeo, MD.**
 - e. Tranexamic Acid for Angiotensin Converting Enzyme Inhibitor Induced Angioedema (TrACE) – **Grace Gartman, MD; Lexie Neubauer, MD; Bruce Lo, MD; and Greg Weingart, MD.**
 - f. Infraclavicular Ultrasound Guided Regional Anesthesia to Facilitate Upper Extremity Open Fracture Management in the Emergency Department – **Jesse Cann, MD; Mark Noble, MD; and Donald Byars, MD.**

- g. Outcomes of Patients with Mild Traumatic Brain Injury Managed in an Emergency Department Observation Unit – **Corey Wasilnak, MD; Greg Weingart, MD; Ryan Tomberg, MD; and Barry Knapp, MD.**
- h. The Erector Spinae Plane Block as Novel Therapy for Renal Colic: A Case Series – **Sean Whitty, MD; Mark Noble, MD; Donald Byars, MD; Kean Feyzeau, MD; and Matthew Jones, MD.**



Research Day 2023

We would like to welcome our newest interns, Class of 2026!



Left to Right: Megyn Christensen, DO; Ryan Miller, MD; Navjot Kaur, DO; Paige Darrow, DO; Brittany Ambrose, DO; Doris Rodwell (Maryview Coordinator); Jordan Gayfield, DO; Emory Newkirk, MD; Coral Byrns, DO; Renee Grill, MD; Christopher Rice, MD.

Upcoming Events

- **Journal Club:** Next JC is Monday, July 31 @ 6:30pm at Union Taco.

Emergency Medicine
600 Gresham Drive
Raleigh Building, Room 304
Phone: (757) 388-3397
Fax: (757) 388-2885