



SLEEPY TIMES

VOLUME 18, ISSUE 4 APRIL 2024



MESSAGE FROM THE CHAIRMAN: ANOTHER GREAT RESIDENT MATCH DAY

-SCOTT T. REEVES, MD, MBA

On March 15, the department had another successful match, matching 18 residents to the class of 2028. This year we started with 1600 applications which we narrowed down to 505 to review using the new signaling process, whereby students rank programs with either gold or silver preferences. From there, we offered 191 teams' virtual interviews and ultimately matched 18 outstanding residents. We had 42 applicants come to campus as part of the "second look" process.



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2024-2025 Intern Class



Amar Alnerer
Columbus, OH
Medical School: Ohio State University College of Medicine



Sevanna Boleman
Barnwell, SC
Medical School: Medical University of South Carolina



Boone Coleman
Longview, TX
Medical School: Texas Tech University Health Sciences Center School of Medicine



Josh deGuzman
Spartanburg, SC
Medical School: University of South Carolina School of Medicine - Columbia



Joanne Du
Chicago, IL
Medical School: Ohio State University College of Medicine



Sydney Greenlaw
Alpharetta, GA
Medical School: Medical College of Georgia



Andrew Groneck
Chesterfield, MO
Medical School: University of Missouri-Columbia School of Medicine



Grace Hartmann
St. Louis, MO
Medical School: University of Kansas School of Medicine



Breanna Herron
Ft. Worth, TX
Medical School: University of North Texas Health Science Center at Ft. Worth



Rick Killeen
Louisville, KY
Medical School: University of Louisville School of Medicine



Chase Kunich
Hardeeville, SC
Medical School: Medical University of South Carolina



Jocelyn Matheson
Brentwood, TN
Medical School: University of Tennessee Health Science Center College of Medicine



Cooper Pitts
Charleston, SC
Medical School: Medical University of South Carolina



Ladd Platt
Charleston, SC
Medical School: Medical University of South Carolina



Paul Reichert
Alexandria, VA
Medical School: Geisel School of Medicine at Dartmouth



Brenna Sanders
Shreveport, LA
Medical School: LSU School of Medicine-Shreveport



Michael Schuller
St. Petersburg, FL
Medical School: Kansas City University College of Osteopathic Medicine



Colton Southard-Goebel
Hamilton, IN
Medical School: Indiana University School of Medicine

Of our 18 new residents, 7 were MUSC or visiting students and hence were very familiar with the program. Of the remaining 11, 4 attended the 2nd look opportunity which will become an important recruitment tool going forward. The class of 2028 had an average Step 2 board score of 258 and 7 were AOA. I know we are all excited about meeting our new class of residents.

2024 IN TRAINING EXAMINE RESULTS BY GJ GULDAN, MD

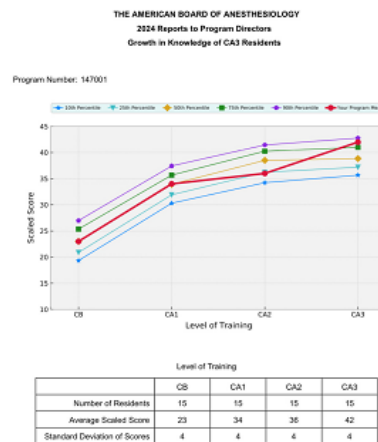
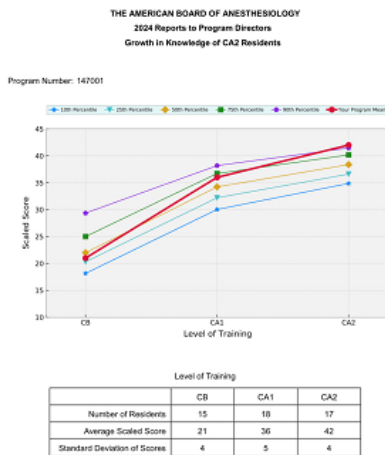
Every year in February, residency program nationwide administers the ABA ITE to their residents. It is a composite of the ABA Basic and Advanced exam which are required for Anesthesiology primary certification. Performance on the ITE correlates highly on both the written ABA certification exams with scores above 75th percentile associated with a near 100 % pass rate.

I'm proud to share the 2024 ABA ITE composite score reports for our CA2 and CA3 resident classes below. Our CA-2 residents as a group scored well above the 90th percentile nationally, and our CA-3 residents were close behind! While the CA-1 class does not get a composite graph their raw scores show they did extremely well as a group also and will be at the 90th next year!



Individually we had an unprecedented 13 residents score above the 90th percentile with four residents receiving a perfect score, 2 CA-3's , 1 CA-2 and 1 CA-1. This is a testimony to the hard work of our outstanding residents, faculty, and education office. We have made a lot of structural changes to lectures, rotations and call to improve overall education in the program over the past two years and thanks to all of your hard work it's paying off. As always, I'm proud of this program and all of you!

2024 Resident ITE Growth in Knowledge



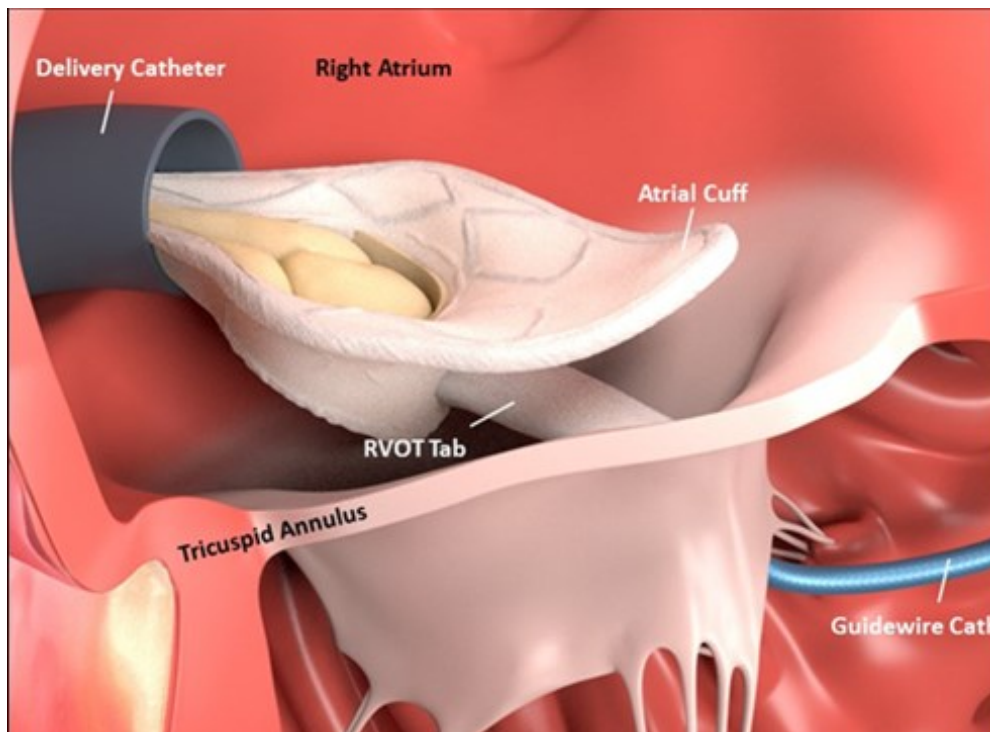
VDYNE EXPERIENCE BY TOBY STEINBERG, MD

In November, I had the opportunity to work with VDyne, a privately held medical device company located near Minneapolis. VDyne is developing transcatheter valve technologies for the treatment of the debilitating and life-threatening effects of tricuspid regurgitation. Along with two of MUSC's interventional cardiologists, Drs. Amoroso and Steinberg, we travelled to the city of Tbilisi in the Republic of Georgia to participate in a human (clinical) feasibility study. While there, I learned the unique transesophageal echocardiography images required for this particular procedure. The procedure in Georgia was successful, and the patient did very well experiencing significant symptom relief within the first day.



Upon returning from Georgia, our team successfully performed the procedure for a patient here at MUSC which was truly a remarkable day and something of which I was proud to be a part.

While visiting Georgia, we were fortunate enough to have some time to engage in the culture, exploring the city of Tbilisi – with a mix of architecture dating back to the first century AD and ultra modern structures, the food – famous for warm hand-made breads, cheeses, spiced meats, and the countryside where we saw one of the oldest churches in the world and toured a winery. Georgia is often credited as the birthplace of wine, producing their wine for 8000 years using famous Qvevri (large egg-shaped earthenware vessel), and especially known for its skin-contact amber wines. It was truly an incredible experience, and I am grateful for the opportunity.



The VDyne Valve technology is an investigational product only that is presently undertaking human (clinical) feasibility studies.

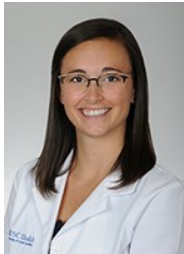
VDyne Valve is not approved for sale or use for the treatment of any health condition.

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RESEARCH CORNER

Code Status Discussions in Pediatric Patients With Heart Disease During Terminal Admissions

Isabella E. Valente, MD,^a Gabrielle Fisher, MD,^a Bethany J. Wolf, PhD,^{b,c} Mariah K. Tanious, MD, MPH, FAAP^b



Gabrielle Fisher, MD



Bethany Wolf, PhD



Mariah Tanious, MD



Improving morbidity and mortality in hip fragility fractures

Tara Kelly, Brenden Moore and Renuka George



Tara Kelly, MD



Brenden Moore, MD



Renuka George, MD



Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

Neuropharmacology

journal homepage: www.elsevier.com/locate/neuropharm



Perirhinal to prefrontal circuit in methamphetamine induced recognition memory deficits

Jordan L. Hopkins¹, Sarah T. Goldsmith¹, Samuel K. Wood, Katharine H. Nelson, Jordan S. Carter, Dylan L. Freels, Stacia I. Lewandowski, Benjamin M. Siemsen, Adam R. Denton, Michael D. Scofield, Carmela M. Reichel*

Reichel Laboratory, Medical University of South Carolina, Department of Neuroscience, Charleston, SC, 29425, USA



Michael Scofield, PhD

RESEARCH CORNER

Journal of Intensive Care Medicine
OnlineFirst
© The Author(s) 2024, Article Reuse Guidelines
https://doi.org/10.1177/08850666241226900



Original Research

The Impact of Fluid Balance on Acute Kidney Injury in Nontraumatic Subarachnoid Hemorrhage



Rishi Patel, MD

Dante Merrill, MD ¹, Jack M. Craven, MD, JD ², Scott Silvey, MS ³, Daniel Gouger, MD ², Chen Wang, PhD ³, Rishi Patel, MD ⁴, and Vishal Yajnik, MD ⁵

Brief technical report

Stellate ganglion block catheters for refractory electrical storm: a retrospective cohort and care pathway

Rishi Ashok Patel ¹, Jackson M Condrey ¹, Renuka M George ¹,
Bethany J Wolf ², Sylvia H Wilson ¹



Rishi Patel, MD



Jackson Condrey, MD



Renuka George, MD



Bethany Wolf, PhD



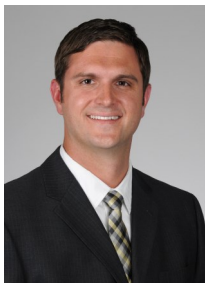
Sylvia Wilson, MD

FULL TEXT ARTICLE

Safety in Health Care



Timothy L. Heinke MD, FASA, Anjali Joseph PhD, EDAC and David Carroll DO
Anesthesiology Clinics, 2023-12-01, Volume 41, Issue 4, Pages 789-801, Copyright © 2023 Elsevier Inc.



Tim Heinke, MD



Bethany Wolf, PhD

CULTURAL AWARENESS CORNER: PASSOVER APRIL 22-30, 2024

I want to continue to thank Dr. Michael Lewis for providing a nice writeup regarding different religious beliefs of members of his as well as our department. This month he discusses the significance of Passover.

Jewish families all over the world, including members of our team, will gather to celebrate Passover. This important holiday commemorates the story of the Exodus when the Jewish people were freed from slavery in ancient Egypt. It usually takes place in the spring and lasts for seven or eight days.

During Passover, Jews observe specific dietary laws that allow them to connect with their ancestors and remember the story of the Exodus. These laws are designed to commemorate the Exodus when the Jewish people fled Egypt and did not have time to let their bread rise. Therefore, Jews eat unleavened bread or matzah during Passover. Chametz, any food made from wheat, barley, rye, oats, or spelt that has been allowed to rise, as well as any food that has chametz as an ingredient, is off-limits during Passover. This means that common foods like bread, pasta, cereal, and beer are not eaten during the holiday.

One of the main traditions of Passover is the Seder, a special meal held on the first two nights of the holiday (outside of Israel, where it is celebrated for one night). During the Seder, Jews retell the story of the Exodus through prayers, songs, and symbolic foods. The Haggadah, a book that guides participants through the rituals and recounts the story of the Exodus, serves as the centerpiece of the Seder.

The Seder plate holds six symbolic foods that represent various aspects of the Exodus story. Matzah, unleavened bread, stands for the haste with which the Israelites fled Egypt and the lack of time to let their bread rise. Maror, bitter herbs, symbolizes the bitterness of slavery, while charoset, a sweet mixture of fruits, nuts, and wine, stands for the mortar used by the Israelite slaves to build structures in Egypt. Karpas, a vegetable dipped in salt water, represents the tears shed during slavery, while zeroa, a roasted bone, symbolizes the sacrifice made at the Temple during Passover. Finally, beitzah, a hard-boiled egg, stands for the cycle of life and death.

During the Seder, participants are encouraged to ask questions, engage in discussion, and reflect on the meaning of the holiday. The goal is to make the story of the Exodus relevant and meaningful to each generation and to reinforce the importance of freedom, faith, and family.

As Jews celebrate Passover, they remember the goal of redemption, which is to bring families together. The holiday is also an occasion for Jews to eagerly expect the arrival of Elijah, the herald of redemption who announces the coming of the Messiah. Elijah is a fitting choice as he did not die, but was carried up to heaven in a whirlwind, making him the one to return. There are specific times of the year when Jews anticipate Elijah's arrival: at the end of Shabbat, at the end of Yom Kippur, at the circumcision ceremony (brit milah), and on Passover, the festival of redemption. These times are family occasions, emphasizing the importance of family in the Jewish tradition.

The reading from the prophets on the Saturday before Passover comes from the book of Malachi that highlights the importance of family, as Elijah comes to bring parents and children closer together. The Jewish tradition assumes that a home filled with faith and love is a foretaste of redemption. The goal of redemption is to bring families together.

May this holiday bring joy, peace, and prosperity to your homes, and may you be blessed with the strength to overcome all obstacles. Our wish is that this be a period of reflection, renewal, and hope for a brighter future, and may the spirit of Elijah bring everyone closer to a world of peace and unity.

Michael C. Lewis MD, FASA

Department of Anesthesiology, Pain Management, & Perioperative Medicine

Joseph L. Ponka Chair, Henry Ford Health System

Professor, Chair (Interim), Michigan State University College of Human Medicine

Professor of Anesthesiology, Wayne State University

GRAND ROUNDS– APRIL 2024

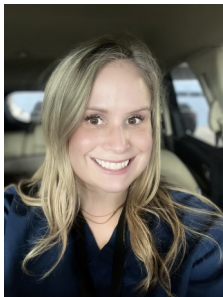


“Abdominal Compartment Syndrome: Is it real? And why should we care?”

**Greg Squires, MD, Critical Care Fellow
Tyler Hill, DO, Critical Care Fellow**

April 2, 2024

**Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina**

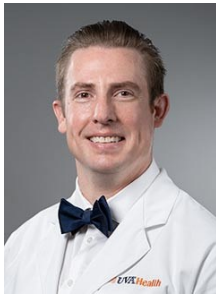


“Mechanical Circulatory Support ”

Callah West, DO, Assistant Professor

April 9, 2024

**Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina**



“Perioperative Management of Pulmonary Hypertension ”

Keegan Stombaugh, MD, Assistant Professor

April 16, 2024

**Dept. of Anesthesiology
UVA Health**



“ECMO Experience after 1900 patients - lessons learned ”

Dan Herr, MD, Associate Professor

April 23, 2024

**Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina**



“Heparin Induced Thrombocytopenia in the Post Cardiac Surgery Patient ”

Bryan Marchant, MD, Assistant Professor

April 30, 2024

**Dept. of Anesthesiology
Wake Forest School of Medicine**

DEPARTMENT OF ANESTHESIA AND PERIOPERATIVE MEDICINE

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I HUNG THE MOON

Please don't forget to nominate your co-workers for going 'Beyond the Call of Duty.' I Hung The Moon slips are available at the 3rd floor front desk and may

[CHECK OUT OUR WEBSITE](#)

Future Events/Lectures

Intern Lecture Series

CA 1 Lecture Series

4/3—Maternal & Fetal Physiology; Obstetric Anesthesia—Katie Hatter

4/10—Anesthesia for Neurosurgery—Tim Ford

4/24—Basic Statistics for the Boards

CA 2/3 Lecture Series

Per Rotations



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Graduation
Friday, June 21, 2024
Founders Hall

Holiday Party
Saturday, December 7, 2024
Carolina Yacht Club

[ONE MUSC Strategic Plan](#)

We Would Love to Hear From You!

If you have ideas or would like to contribute to *Sleepy Times*, the deadline for the May edition will be April 18, 2024.