INSIDE THIS ISSUE:

| Calendar | 1 |
| Osmosis  | 2 |
| Imprvmt Group | 2 |
| Resident Research | 2 |
| NR Roundup | 3 |
| Trivia | 3 |
| Weekend to-do | 4 |
| Shout outs | 4 |

SPECIAL POINTS OF INTEREST:

- Halo Sign!
- Fever, chills, and myalgias.
- Dori.

Flu season... is coming.

Flu vaccines and TB tests available in the cafeteria from 10:45am—1:15pm on Tuesday 10/10/17 and Monday 11/13/17. Additional dates to follow.

Anonymous Feedback

Our website has a section for anonymous feedback. Think of this like an electronic suggestion box that you can use at any time. The message will be sent directly to Dr. Warm, and is completely anonymous. If you have constructive feedback that you would like to share, please use this tool. The link is: http://www.med.uc.edu/intmed/residency/internal-medicine/residency-feedback
It's the end of the another month! Remember the forgetting curve is always after you – make sure to review what you’re learning to retain it. Here is a list of all the cool things posted to Osmosis in September that you can review (spaced repetition) to help you retain this information long-term!

**Test yourself with questions from each AHD**
- 9 questions on Upper GI bleeding on 8/31
- 17 questions on COPD on 9/14
- 11 questions on Diabetes on 9/21
- 15 questions on Inflammatory Arthritis 9/28

**Review the articles/ppt from NR in September**
- Hypokalemia on 9/5
- Candida Osteomyelitis on 9/12
- Boerhaave Syndrome on 9/18
- Aspergillosis on 9/19

If you want to review stuff from **Grand Rounds** in September check out the documents posted about what your colleagues learned on 9/6, 9/13, 9/20, and 9/27.

Email Matt Kelleher (kellehmw@ucmail.uc.edu) if you have any questions about Osmosis.

---

**Resident Research Spotlight**

Aditi Mulgund and Nikki Boschuetz presented at the Ohio GI Society annual meeting and each received awards for their posters, the titles of which are shown below. Congrats ladies!

**Best poster selections:** 33 abstracts were received; 14 were selected for presentation; 2 were selected as best abstracts. Congratulations!

**Best Research Abstract:**

Aditi Anand Mulgund, MD, MPH - University of Cincinnati Medical Center

"Effect of an Anti-TNF Therapeutic Drug Monitoring Quality Improvement Program on Inflammatory Bowel Disease Patient Outcomes at a Large Academic Pediatric Gastroenterology Practice"

**Best Case Study Abstract:**

Nicole Boschuetz, MD - University of Cincinnati Medical Center

"A unique use of a lumen apposing metal stent (LAMS): Treatment of a gastrojejunal stricture"

---

**Improvement Group**

When: Monday, 10/2/17 at 2:00 PM
Where: UH7104 (aka the Noon Report Room)
Come discuss our current use of Osmosis and how we can improve!
Noon Report Throwback & Literature Synthesis

Blue team presented an interesting case of invasive pulmonary aspergillosis. This week JAMA published an article about Aspergillus galactomannan for diagnosing invasive Aspergillosis. Invasive aspergillosis primarily occurs in patients with specific risk factors, such as neutropenia, h/o transplant, high-dose steroids or immunodeficiency. When invasive pulmonary aspergillosis is suspected, the following tests should be ordered immediately: a high-resolution CT chest, serum galactomannan, and consultation for bronchoscopy with BAL for galactomannan assay, fungal stain, and culture. On CT scan, a dense, well-circumscribed nodular lesion(s) with or without surrounding hazy infiltrate (halo sign) and cavitary lesions, are characteristic but not specific for invasive pulmonary aspergillosis.

The Aspergillus galactomannan enzyme immunoassay detects polysaccharides that are present in the cell wall of Aspergillus species and that can be found in serum and BAL fluid during invasive infection. The sensitivity of the assay in serum is 70% to 82% and specificity is 81% to 92%, and in BAL fluid, sensitivity is 73% to 100% and specificity is 68% to 92%. Treatment is with voriconazole. In patients with risk factors and radiologic findings suggesting invasive aspergillosis, a positive galactomannan in serum or BAL fluid confirms a diagnosis of probable invasive pulmonary aspergillosis.


Medical Trivia

First correct answer wins a $5 Starbucks gift card!

A 55yo F is brought to the ED by her son for personality changes, inability to care for herself, and “walking funny” which has progressed over the last 2 months. Labs, including infectious workup, is normal. Her diffusion weighted MRI is shown here. What do you see on this image, another test you would order, and her likely diagnosis?

Congrats to Greg Mott for recognizing digital pitting/scarring which is usually 2/2 ischemic injury from Reynaud phenomenon. It is most commonly present in Secondary Raynauds (in setting of scleroderma). Lauryn Benninger (’17), Matt Lambert, and Scott Call also answered correctly but were a few minutes behind!
**Weekend To-Do!**

**Friday:** Glow Run 5K, 7:15 p.m., Kings Island, 6300 Kings Island Drive, Mason. 5K run where runners are dressed in glow sticks. Benefits American Cancer Society. $45-$70 registration, price varies depending on date registering. 513-754-5700; www.runandriderace.com/kingsislandglow.

**Brews on the Block,** 6 p.m.-midnight Friday, 4 p.m.-midnight Saturday, 4-9 p.m. Sunday, Cheviot Entertainment District, Harrison and Glenmore Avenues, Cheviot. Formerly known as Westfest, event has smaller footprint and more intimate setting, with local focus. Live music, craft beer from 5 local breweries, food, split the pot and more. $5. 513-389-1900; brewsontheblock.com.


**Greater Cincinnati Restaurant Week,** through Sunday, Greater Cincinnati. Restaurants offer 3-course dinner. Hours vary by location, contact restaurant for hours. $35 prix fixe, $25 prix fixe. 513-421-4272; www.greatercincinnatirestaurantweek.com.


**Sunday:** Fall Park Fest, noon-4 p.m., Winton Woods, 10245 Winton Road, Springfield Township. Harbor. Celebrate coming of fall with music, dance, boat tours, mini golf, and health and wellness booths. Free. 513-521-7275; www.greatparks.org.

**Hyde Park Art Show,** 10 a.m.-5 p.m., Hyde Park Square, 2643 Erie Ave. Features more than 200 artists working in painting, sculpture, photography, ceramics, jewelry, fiber, crafts and multi-media. Free. 513-353-2045; www.hydeparksquare.org.


---

**SHOUT OUTS!!!**

- To Natalie Hood for being a boss! - from a grateful co-senior.
- To Geoff Motz for helping out with a clinic bind!
- To Greg Mott for taking over some inpatient time like a champ!
- To Emily Neaville for going above and beyond for a patient she was concerned about!
- To Joshua Jameson, Miles Hagner, Adam Guttola, and Heepke Wendroth for strong compressions during a VA code that resulted in ROSC!!
- Congrats to Aditi Mulgund & Nikki Boschuetz for award winning presentations at the OH GI Society meeting!
- To Alan Hyslop; he was the cross-covering senior that started a discharge summary on a MICU transfer before the MICU resident had time to get to it! Baller!!!
- To the UH night float team for handling 10 OSH transfer, many other admits, a few consults all in one night. You guys rock!
- To Sarah Weiskittel for crushing DB11 while on Cards!
- To Miles Hagner for handling a busy VA night shift like a boss!
- To Marianne Yacyshyn for wheeling her patient to ophtho clinic!
- To Neha Doshi for taking a jeopardy shift with such a positive attitude!
- To Orange team for celebrating out on the town together!