Weekly Calendar

9/8: Noon Report—Evidence Based Medicine, Dr JT Tolentino
9/9: Noon Report—Purple Medicine
9/10: Medical Grand Rounds: Dr. Richard Lofgren —"Making Health Care Affordable: A New Look at Population Health"
9/11: Academic Half Day—Infectious Diarrhea Senior Prep—GI Bleeding
9/12: Intern Report — Joshua NeCamp Senior Report — Kate Schmidt

~September Sunshine~

“Wherever the art of Medicine is loved, there is also a love of Humanity” - Hippocrates

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://intmed.uc.edu/education/residency/feedback.aspx
Head CT Before LP?

Both the Red Team and Yellow Team presented cases of headache and altered mental status for which LP was performed. This prompted discussion as to which patients should receive Head CT prior to LP for concern of brainstem herniation. Below are the IDSA 2004 guidelines, and a NEJM Study regarding the issue.

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**Table 4. Associations between Baseline Clinical Characteristics and Abnormal Findings on CT of the Head in 235 Adults with Suspected Meningitis.***

<table>
<thead>
<tr>
<th>BASE-LINE CHARACTERISTIC</th>
<th>TOTAL NO. OF PATIENTS</th>
<th>NO. OF PATIENTS WITH ABNORMAL FINDINGS ON CT</th>
<th>RISK RATIO (95% CI)</th>
<th>P VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age ≥60 yr</td>
<td>42</td>
<td>27</td>
<td>4.3 (2.9-6.4)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Immunocompromised status†</td>
<td>70</td>
<td>24</td>
<td>1.8 (1.1-2.8)</td>
<td>0.01</td>
</tr>
<tr>
<td>History of CNS disease‡</td>
<td>25</td>
<td>20</td>
<td>4.8 (3.3-6.9)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Seizure within 1 wk before presentation</td>
<td>21</td>
<td>13</td>
<td>3.2 (2.1-5.0)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Neurologic findings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abnormal level of consciousness</td>
<td>44</td>
<td>24</td>
<td>3.3 (2.2-4.4)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Inability to answer two questions correctly</td>
<td>49</td>
<td>28</td>
<td>2.8 (1.5-5.8)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Gaze palsy</td>
<td>7</td>
<td>5</td>
<td>3.2 (1.9-5.4)</td>
<td>0.002</td>
</tr>
<tr>
<td>Abnormal visual fields</td>
<td>7</td>
<td>6</td>
<td>4.0 (2.7-5.9)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Facial palsy</td>
<td>10</td>
<td>10</td>
<td>4.9 (3.8-6.3)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Arm drift</td>
<td>26</td>
<td>18</td>
<td>4.0 (2.7-5.8)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Leg drift</td>
<td>24</td>
<td>24</td>
<td>4.4 (3.0-6.8)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Abnormal language§</td>
<td>44</td>
<td>28</td>
<td>4.3 (2.9-6.5)</td>
<td>&lt;0.001</td>
</tr>
</tbody>
</table>

*CI denotes confidence interval, and CNS central nervous system.
†This category includes patients with human immunodeficiency virus infection or acquired immunodeficiency syndrome, patients who were receiving immunosuppressive therapy, and patients who had undergone transplantation.
‡The CNS diseases consisted of mass lesion, stroke, and focal infection.
§The abnormalities consisted of aphasia, dysarthria, and extinction.
I hope you’re as excited as I am about some old fashioned diarrhea. Academic Half Day this coming Thursday is going to get messy, so make sure you’re teaching your interns and medical students how to tease things out. I’m going to be a lonely GI fellow next year when everyone gets fixed without my help!

-Steve

Upcoming Events

**September 8th:** Evidence Based Medicine Noon Report—JT Tolenino

**September 8th, 12th, 16th, 17th:** In-Training Exam

**September 15th:** Stump the Senior Noon Report featuring Marshall Weesner, Arek Manugian, Thomas Getreu battling through a Dr Warm Whopper.

**September 17th:** Vulnerable Populations Meeting—Mecklenburg Gardens Happy Hour TOLENTJL@ucmail.uc.edu

**September 22nd:** After Residency Symposium—Find out how to negotiate a contract, manage a mortgage, cover malpractice and pay those loans with Steve’s advisory board.

**September 30th:** Master Teacher Program—Adult Learning Theory and Learning Styles with Ben Kinnear and Jen O’Toole

Keep Calm and Continue Testing

In Training Exam

ITE is coming. Get your coverage right! Look for Joan’s email for details of where to be and when. AND GET THERE EARLY!!!!!
Research Corner: A Slice of UC’s Cutting Edge

Samer Alsidawi has been working on oncology projects with Dr. James Driscoll. “We studied the effect of the brain microenvironment on metastatic tumor cells through microRNA signaling pathways. We presented this at the Ohio Neuro-Oncology consortium in Columbus and at the American Association for Cancer Research in DC, and our research was published in Nature Scientific Reports.

I have also been working with Dr. Nagla Karim on several projects. We are working on a phase II trial investigating the use of upfront chemotherapy in lung adenocarcinoma with small asymptomatic brain metastasis with the idea of forestalling brain irradiation unless absolutely needed for disease progression or the development of symptoms. We recently published a review article about this topic in the American Journal of Therapeutics and the study protocol is currently in the review process.

Our other project is a retrospective study looking at pulmonary carcinoids here at UC. We are studying epidemiologic data and risk factors, outcomes associated with different surgical approaches, and the role of adjuvant chemotherapy in atypical carcinoid. We recently finished data collection and are now proceeding to statistical analysis.”
This Weekend To-Do List — September 5th-9th

1) Mainstrasse Village Oktoberfest, Covington KY
2) Cincinnati Comic Con 9/5-9/7. Northern KY Convention Center
3) The Offspring—Horseshoe Casino 9/7
5) Cincinnati Celtic Festival—Washington Park

Medical Trivia

First person to email Dana, sallda@ucmail.uc.edu and correctly identify this physical exam finding and the disease it is associated with will win a Starbucks giftcard!

Congrats to Brian May for correctly identifying the Osborn Wave or J-Wave of hypothermia from last week’s challenge!

SHOUT OUTS!!! (Let us know who Rocks)

- **Katie Parker and Bradley Mathis** for dropping 3.5 hours of high yield knowledge bombs on us between the Senior Prep and Academic Half Day. Find the slides on Medhub now.
- **Jeremy Sorkin** for staying late to help interns get things wrapped up during a long call day.
- **Lauryn Benninger** and **Leila Borders** are rocking out on Neurology this month. “They are great residents, are working very hard, and we love having them!”
- **Marshall Weesner** stayed to help residents obtain ultrasound guided IV access and taught everyone how to do this in the future. Look for a Marshall led ultrasound PIV access workshop Wednesday afternoon in the coming week or two!
- **Steve Gay** for making an incredible nurse in Dr. Warm’s latest instructional videos. (Search youtube for UCINTMED for all of the old videos “I’ve got 30 thousand views! And we didn’t use a single cat!”)