### Caseload and Management of Patients

- In general, there was an appropriately diverse mix of patients (including race and ethnicity) seen at this base hospital to meet the clinical training objectives.
- The amount of patient care responsibilities assigned to me were just about right for my current level of training.
- In general, I had an opportunity to develop procedural skills commensurate with my level of training.
- I was given ample opportunity to become involved in learning about management of patient cases.
- I felt supported and encouraged to offer my own input into the anesthesia and treatment plan.

### Expectations/Learning Objectives

- Standards for my expected level of performance (how I was to be evaluated) on this rotation were made clear to me at the outset.
- On this rotation, the course protocol and its learning objectives were used by my preceptor to help me focus on content and/or skills that I was expected to master.
- There were adequate didactics on this service to enhance my existing knowledge base; i.e. conferences were scheduled regularly and occurred as scheduled.
- The information presented on this rotation was presented at a pace and at a level that was consistent with my existing knowledge base.

### Resources

- There were sufficient educational resources (computers, books, journals, & other library materials) available to me on this rotation.
- I had access to educational resources at times that were convenient to me.
- The COM Clerkship Website provided convenient access to course documents and materials related to this rotation.

### Clerkship Rotation Evaluation Results

<table>
<thead>
<tr>
<th></th>
<th>N=</th>
<th>NA (%)</th>
<th>SD (%)</th>
<th>D (%)</th>
<th>N=</th>
<th>A (%)</th>
<th>SA (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caseload and Management of Patients</td>
<td>2</td>
<td>1 50%</td>
<td>1 50%</td>
<td>2  100%</td>
<td></td>
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</tr>
<tr>
<td>Expectations/Learning Objectives</td>
<td>2</td>
<td>1 50%</td>
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<tr>
<td>Resources</td>
<td>2</td>
<td>1 50%</td>
<td>1 50%</td>
<td>2  100%</td>
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</tr>
</tbody>
</table>
On this service there were facilities and opportunities available to support learning about chronic pain management.

Faculty knowledgeable in the appropriate use of chronic pain management in case management were available to me as needed.

I had opportunities to be involved in chronic pain management.

I am interested in opportunities to study chronic pain management.

The basic science content I learned in Year 1 assisted me in learning from the experiences I encountered on this service.

The systems biology content I learned in Year 2 assisted me in learning from the experiences I encountered on this service.

In general, the material I learned in Years 1 & 2 had little clinical relevance to what I encountered on this service.

I received timely feedback about development of my clinical skills (e.g. charting, physical exams, history taking, and DPR, etc.).

On this service, I never quite knew where I stood in meeting expected outcomes.

On this service, there was always someone available to answer my questions when I had them.

The post-rotation examination reflected the core content areas as described in the course protocol.

<table>
<thead>
<tr>
<th>Chronic Pain Management</th>
<th>N=</th>
<th>NA %</th>
<th>SD %</th>
<th>D %</th>
<th>N=</th>
<th>A %</th>
<th>SA %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>1</td>
<td>50%</td>
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<td>1</td>
<td>50%</td>
<td></td>
</tr>
</tbody>
</table>
**Professionalism**

- I was treated as a professional by those supervising my student-physician role on this service.
- My supervising faculty on this service modeled physician-patient interactions on this service in ways I would like to emulate.
- Issues of professionalism were included as a point of discussion by faculty on this rotation.

**Procedures**

- I have had opportunities to ventilate patients using bag/mask.
- I have had opportunities to intubate patients.
- I have had opportunities to insert nasogastric tubes.
- I have had opportunities to start peripheral IV’s.
- I have had opportunities to observe regional anesthesia (spinal/epidural).
- I have had opportunities to participate in the utilization of regional anesthesia (spinal/epidural).
- I was given enough training and orientation during my years one and two in these procedures.
- I feel the on-campus orientation (online) prepared me for these procedures.
- I feel the hospital orientation prepared me for these procedures.
This rotation offered a positive learning experience and stimulated my interest in this specialty of medicine.

Taking everything into account, my experiences on this rotation stimulated my commitment to become a physician.

Taking everything into account, my experiences on this rotation stimulated my commitment to become an osteopathic physician.

As a student I felt comfortable on this rotation.

### Internet/Web-Based Experience

<table>
<thead>
<tr>
<th>Statement</th>
<th>N</th>
<th>NA</th>
<th>SD</th>
<th>D</th>
<th>N</th>
<th>A</th>
<th>SA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online instructions for navigating through the web-based materials were clear enough to follow</td>
<td>2</td>
<td>1 50%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>I experienced technical problems accessing the web-based content</td>
<td>2</td>
<td>1 50%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>The online quizzes helped me assess my knowledge of the content I just learned</td>
<td>2</td>
<td>1 50%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Learning in this way helped prepare me for my rotation</td>
<td>2</td>
<td>2 100%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I really liked learning in this web-based format</td>
<td>2</td>
<td>1 50%</td>
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</table>

### Overall Assessment

<table>
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<tr>
<th>Statement</th>
<th>N</th>
<th>D</th>
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<th>SA</th>
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</thead>
<tbody>
<tr>
<td>This rotation offered a positive learning experience and stimulated my interest in this specialty of medicine.</td>
<td>2</td>
<td>2 100%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
</tr>
<tr>
<td>Taking everything into account, my experiences on this rotation stimulated my commitment to become a physician.</td>
<td>2</td>
<td>2 100%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
</tr>
<tr>
<td>Taking everything into account, my experiences on this rotation stimulated my commitment to become an osteopathic physician.</td>
<td>2</td>
<td>2 100%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
</tr>
<tr>
<td>As a student I felt comfortable on this rotation.</td>
<td>2</td>
<td>2 100%</td>
<td>1 50%</td>
<td>1 50%</td>
<td></td>
</tr>
</tbody>
</table>
Chronic Pain Management

Section Comments
This was a surgical anesthesia rotation. Chronic pain management was discussed with my preceptor. In all likelihood I will also do an additional 2 week anesthesia rotation in pain management.

Procedures

Section Comments
I only witnessed one epidural on this rotation.

Internet/Web-Based Experience

The most favorable aspect(s) of this web-based learning experience for me was (were):
I did a lot of reading on this rotation. The only web based learning I did was the breeze presentation so I must have missed something here.

I enjoyed having the online lecture as well as the short answer questions that coincided with the lecture. It helped me stay involved during the lecture and pay more attention.

I would have been better prepared if only the protocol had said something about:
The course protocol was not completely clear to me on the deadlines of course material. I read in the protocol we had two weeks AFTER the end of the rotation to complete course requirements which apparently turned out not to be the case.

If I could change one thing to make this web-based learning experience more beneficial it would be to:
NA

I didn't really benefit from the questions being directly in the exam and felt that the level of questioning of them was minimal where they really didn't help me learn. Especially when you compare the difficulty level of the quizzes in the lecture with the end of rotation exam.

Overall Summary - Please complete the following sentences:

The most beneficial experiences, classes, assignments, or activities in all my on-campus MSU/COM courses/experiences, which facilitated my performance on this clerkship rotation, were:
ACLS
Pharmacology and Respiratory in year 2

This rotation could have been improved by:
Chronic pain management opportunities. Also, I only witnessed one epidural.

Being longer. I learned a lot on this rotation, even more than just specifically about anesthesia. I think that the pharmacology basis is helpful for any type of medicine that a student my eventually go into and that more than 2 wks would be needed to grasp a better understanding as well be more proficient at intubating especially with more difficult patients.

The thing(s) I like most about this rotation was (were):
Several opportunities to intubate, Start IVs, and learning about anesthesia pharmacology and monitoring. I had many opportunities to ask questions. It was also beneficial to have the opportunity to work with the CNAs as well.
Ability to practice intubation and bag-mask ventilation as well as being involved in other aspects of patient care while they are in the hands of anesthesia.