I do not have any disclosures.

Why does the learning environment matter?

Caverzagie KJ et al. Med Teacher 2019
Why does the learning environment matter?

Nordquist J et al. Med Teacher 2019

LCME Standards

- **Standard 3. Academic and Learning Environments**
  A medical school ensures that its medical education program occurs in professional, respectful, and intellectually stimulating academic and clinical environments, recognizes the benefits of diversity, and promotes students’ attainment of competencies required of future physicians.

- **Standard 3.5 Learning Environment/Professionalism**
  A medical school ensures that the learning environment of its medical education program is conducive to the ongoing development of explicit and appropriate professional behaviors in its medical students, faculty, and staff at all locations. The medical school and its clinical affiliates share the responsibility for periodic evaluation of the learning environment in order to identify positive and negative influences on the maintenance of professional standards; develop and conduct appropriate strategies to enhance positive and mitigate negative influences, and identify and promptly correct violations of professional standards.

AAMC GQ: Mistreatment

AAMC

- Bemus Explored During Medical School
  - Have you ever felt or seen your medical education environment?
    - No
    - Yes

- Have you experienced mistreatment?
  - No
  - Yes

- Do you feel your medical education environment is safe?
  - No
  - Yes

- Have you been subjected to inappropriate behavior?
  - No
  - Yes

- Have you experienced mistreatment?
  - No
  - Yes

- Do you feel your medical education environment is safe?
  - No
  - Yes

- Have you been subjected to inappropriate behavior?
  - No
  - Yes

- Do you feel your medical education environment is safe?
  - No
  - Yes
### Types of mistreatment

- Humiliation
- Bias
- Services

*Pradhan A et al. AJOG 2018

### Bias and the CLE in medical education

* Lai CJ et al. Clin Teach 2020

### Common challenges with the CLE in ObGyn

- New information for learners
- Fast-paced and unpredictable clinical environment
- Long work hours
- High-stakes patient care

*Johnson N et al. Teach Learn Med 2019
Pradhan A et al. AJOG 2016
Strategies to improve the CLE in ObGyn

- Know your data
  - End-of-clerkship surveys
  - Feedback sessions
  - AAMC GQ data
- Add to your understanding
  - Focus groups
  - Micro-aggression and mistreatment reporting systems
  - Add to current systems (feedback sessions, end-of-clerkship surveys)
- Engage stakeholders
  - Implement initiatives and monitor (PDSA cycles)

After focus group study at Tufts:

- Formal introductions: We created a “face sheet” of the students rotating through Labor and Delivery so nurses knew students who will be on the unit each week. For students, we included a similar listing of all faculty, fellows, residents, and nurses in the online student orientation manual.
- Nurse shadowing program: Early in the clerkship, students work alongside a senior labor and delivery nurse to admit patients, start IVs, and perform Apgar scoring.

Baecher-Lind L et al, Med Ed Online 2015

Johnson N et al. Teach Learn Med 2019

Table 1. Student-proposed interventions.

<table>
<thead>
<tr>
<th>Category/Theme/</th>
<th>Learning Stresses</th>
<th>Proposed Interventions</th>
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<tr>
<td>Clinical Care</td>
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<td>Communication</td>
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<tr>
<td>Clinical reasoning</td>
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<td></td>
</tr>
</tbody>
</table>

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Strategies to improve the CLE in ObGyn

Avoid the “invisible student” with the 5 Is:
• Invest
• Invite
• Invigorate
• Involve
• Invert


APGO Resources to help with CLE in ObGyn

Minimizing downtime:
• APGO Teaching Cases
• Educational and Basic Science videos
• Uwise question bank

Faculty Development:
• Effective Preceptor Series

References
• Pradhan A, Buery-Joyer JD, Page-Ramsey S, Moon S, Craig RB, et al. To the point: undergraduate medical education learner mistreatment issues on the learning environment in the United States. AJOG 2019
• Baecher-Lind L, Chang K, Blows MA. The learning environment in the obstetric and gynecology clerkship: an exploratory study of students’ perceptions before and after the clerkship. Med Ed Online 2015