


Why did I have you fill out the skills curriculum form?


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Reimagining Skills Curriculum: Cutting Edge Skills Teaching



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How would you enhance the cognitive and affective aspects of surgical skills curriculum?

Why are peers and near peers critical to skills development?

What scholarship can you do around skills development?

What would you recommend to leadership?


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What I Learned from your skills curriculum reports



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Really enjoyed @UCSFSkillsLab today. Our session was a nice summation of the skills we have been working on throughout the year. Very cool to see how much we have learned since the start of intern year



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Technical

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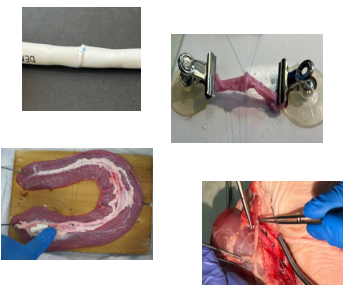


Homework

- Practice at home
- Video 5 assignments completed bi-weekly
- Give and receive feedback using a rubric
- ↑ homework leads to ↑ skills performance

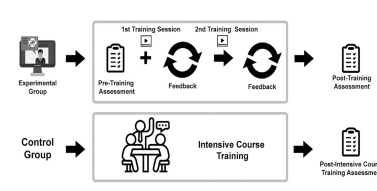
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Brian R, Rodriguez N, Rapp J, Chern H, O'Sullivan P, Gomez Sanchez C. Vascular anastomoses and dissection: A six-part simulation curriculum for surgical residents. MedEdPORTAL. 2024;20:11406. https://doi.org/10.15766/mep_2374-8265.11406



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- Highlights
- Simulation training is a safe approach to teaching medical students multiple technical skills.
- Compared the effectiveness of unsupervised simulation with remote asynchronous feedback to an intensive workshop with in-person feedback in medical students.
- we observed that the asynchronous educational method allowed trainees to achieve higher performance than intensive workshops.

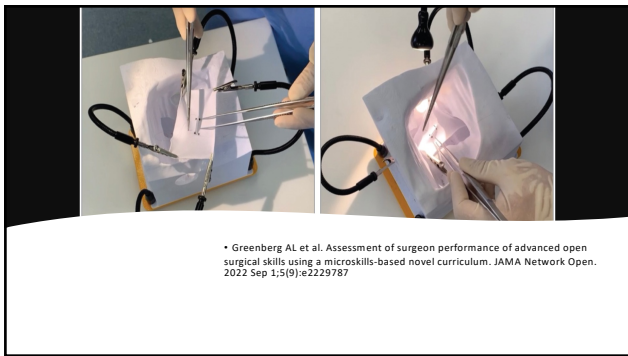


Varas, J., et al (2024). Improving Medical Student Performance With Unsupervised Simulation and Remote Asynchronous Feedback. Journal of Surgical Education, 81(12), 103302.

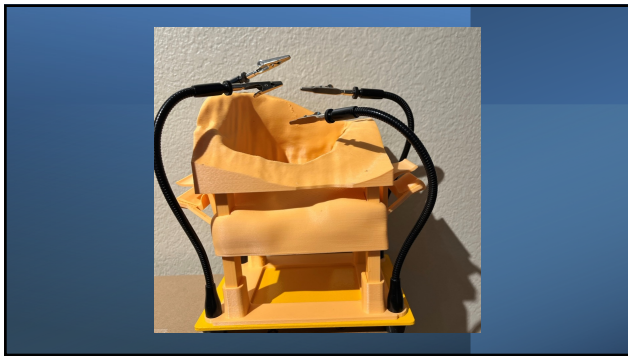
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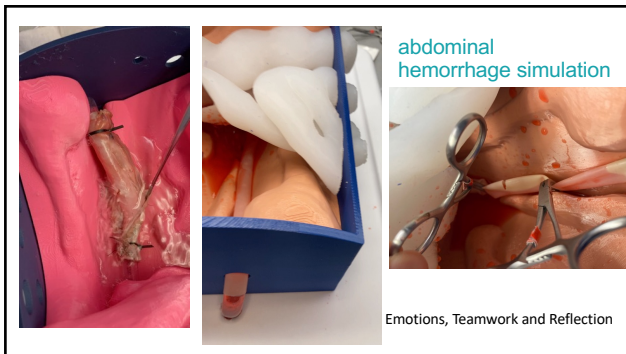
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Emotions

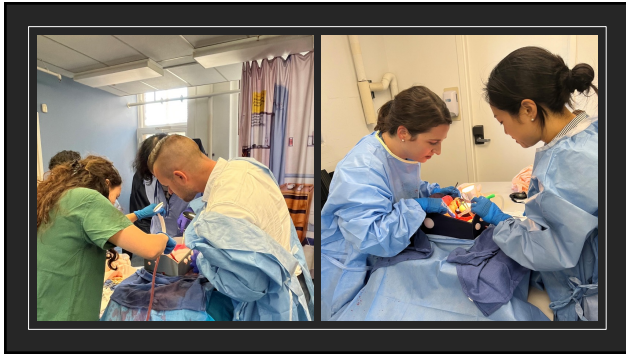
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Homework Reviewers

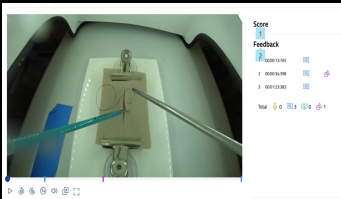
Improves reviewer's skills:

Vaughn, C. J., et al. (2016). Peer video review and feedback improve performance in basic surgical skills. *The American Journal of Surgery*, 211(2), 355-360.

CONCLUSIONS: The Peer Feedback group performed better at the final assessment, suggesting reviewing and analyzing another's performance may improve one's own performance. With checklists as guidance, peers can serve as raters comparable to faculty

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Peer Feedback & Laparoscopic Homework



Peer Feedback Themes


- Shared mental model
- Learned from observing peers
- Felt lower stakes with peers

Feedback: given through online portal
 Comments: written, drawn, and/or audio
 Performance: scored using rubric

Brian, R., et al. (2024). Comparing peer and faculty feedback for asynchronous laparoscopic skill acquisition. JSE

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Near Peer vs. Faculty



Near peers:

- adept at providing focused technical advice
- preserved the trainee's positive self-image

Faculty

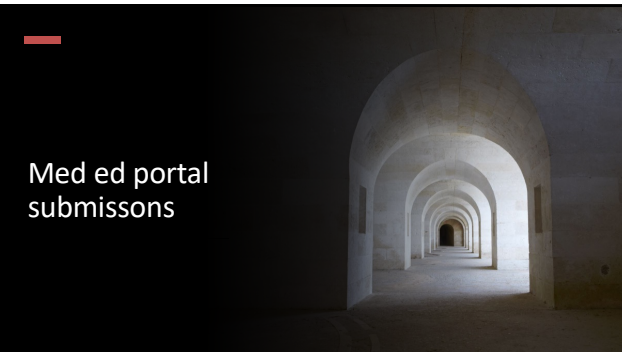
- gave cognitive and theoretical guidance.

Both approaches are beneficial

Brian, R., Cowan, B., Knox, J. A., O'Sullivan, P. S., Bayne, D., Ho, T., ... & Chern, H. (2024). Comparing peer and faculty feedback for asynchronous laparoscopic skill acquisition. Journal of Surgical Education, 61(8), 1154-1160.

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Med ed portal submissions



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Activity
What would you request of Leadership to enhance simulation?
What idea do you have for scholarship based on simulation?
