Joint Section on Medical Education (SoME) and Association of Pulmonary and Critical Care Medicine Program Directors (APCCMPD)

Webinar
Medical Education during COVID: How to make it work online
Friday, April 17, 2020 at 1pm PT / 4pm ET
Presented by Rosemary Adamson MBBS, Molly Billings MD, Başak Çoruh MD, Amy Morris MD, Elizabeth Parsons MD

We have no financial disclosures.

GoToWebinar Orientation

Questions Box: Type your questions and comments here.
You can ask:
• Technical questions (e.g., "I can’t see/hear")
• Questions for the speakers
You will also see answers and comments in the same box.

GoToWebinar Orientation

COVID-19 and Medical Education

Trainees
Telehealth
Conferences
A Poll
What are your barriers to teaching in a virtual format?
A. Time
B. Technology know-how
C. Access to online platform (e.g., Zoom)
D. Access to reliable equipment or internet
E. Other (tell us in the chat box!)

Platforms For Virtual Teaching

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<th>Platform</th>
<th>HIPAA Compliance</th>
<th>Chat</th>
<th>Desktop Sharing</th>
<th>Whiteboard</th>
<th>Breakout Sessions</th>
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Buddy System
- Long use in high risk fields (diving, astronautics)
- Prevent technical errors from sabotaging talk
- Improve flow
- Enable interactive aspects
- Teaching feedback

The Buddy System
- Co-teach:
  - Divide up sections by expertise
  - Speaker + chat monitor/moderator
  - Breakout room hosts
- Peer feedback
- Pre-session preparation
  - Tech check
  - Have host assign appropriate presenter roles
  - Decide how you will handle Qs
What a Buddy Can Do: some examples

• Navigate screen sharing and switching formats, applications
• Enter in live as talk – figures/tables/drawings to support the speaker
• Highlight themes in the chat to discuss
• Quality control:
  • Private chat w/speaker: reminders, tech issues, time cop
  • Audience support: handle tech & mundane issues (e.g. private message specific participants to mute yourself, private chat me if you’re having technical issues)

* Your buddy could be a tech-savvy administrator

When your trainee is your buddy: precepting in telehealth

Pre-visit huddle
• Establish clear expectations & roles
  • Think of it like a procedure
  • May differ by trainee skill & level
  • Have a plan B for tech problems
• Schedule time for feedback & questions
  • Post-clinic case review
  • Consider group session

Consider during the visit:
• Set expectations for what you will accomplish
• Give the patient a quality experience: consider callbacks, use of waiting room
• Take notes for later feedback
• Look up data on the fly to support trainee

Interacting with Learners Virtually

Make a Connection
Ask a Question
Get Them Talking
Get Them Moving

Encourage video
Anticipate social delay
Allow personalization

Virtual Backgrounds
“I’m grateful for…”
Photos

Ask a Question
Answers can be:
Written (chat box)
Visual
Verbal

Use your buddy
Set expectations: preparation -> engagement

Know your participants

Invite individuals directly
Monitor chatbox
Breakout sessions

1. Expectations
2. Drastic measures

Answers need not be text
Small activities reset attention

Visuals illustrate key concepts & keep learners engaged
How to change this to online?
Consider having a back-up plan

Learn more

- Cornell website with great tips for virtual teaching
  - https://teaching.cornell.edu/teaching-resources/planning-remote-teaching

- Zoom COVID-19 page: quick start, videos, and live daily demos

Select appropriate platform for online teaching

Employ team teaching online

Integrate interaction into online teaching

Identify appropriate visuals for online education
THANK YOU!
Any questions or suggestions?
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