

AMERICAN THORACIC SOCIETY

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

  thoracic.org

1

**Medical Education During COVID-19:
How to Make It Work Online**



Rosemary Adamson, MBBS @Rosemary_MedEd
Molly Billings, MD @MollyBillings2
Başak Çoruh, MD @basakcoruhUW
Amy Morris, MD @ammo_lw
Elizabeth Parsons, MD

2

We have no financial disclosures.

All icons made by <https://www.freepik.com/> from <https://www.flaticon.com/>, licensed by Creative Commons BY 3.0

3

GoToWebinar Orientation

Thanks for joining us!
You have been automatically muted.



Let's get oriented:

1. Find your Control Panel on the upper right hand of your screen
2. Click the orange arrow to open the Control Panel
3. You will need this to communicate with us and follow the chat

4

GoToWebinar Orientation

Questions Box: Type your questions and comments here.

You can ask:

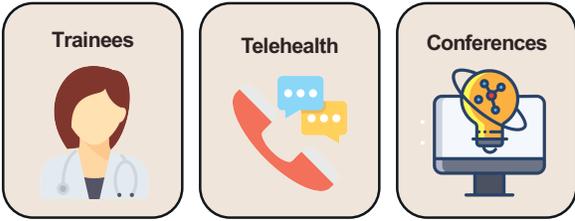
- Technical questions (e.g., "I can't see/hear")
- Questions for the speakers

You will also see answers and comments in the same box.



5

COVID-19 and Medical Education



Trainees
Telehealth
Conferences

6

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!)

7

- Select appropriate platform for online teaching
- Employ team teaching online
- Integrate interaction into online teaching
- Identify appropriate visuals for online education



8

Platforms For Virtual Teaching

Adobe Connect

Blue Jeans

GoToMeeting

Microsoft Teams

Skype

Zoom

9

Platform	HIPAA Compliance	Chat	Desktop Sharing	Whiteboard	Breakout Sessions
Adobe Connect					
Blue Jeans					
GoToMeeting					
Microsoft Teams					
Skype	Only Skype for Business			Only Skype for Business	
Zoom					

HIPAA: Health Insurance Portability and Accountability Act

10

Buddy System

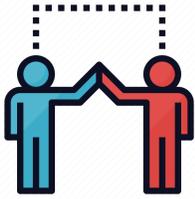
- Long use in high risk fields (diving, astronautics)
- Prevent technical errors from sabotaging talk
- Improve flow
- Enable interactive aspects
- Teaching feedback



11

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



12

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*



13

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

14

Interacting with Learners Virtually



15

Make a Connection

Encourage video



16

Make a Connection

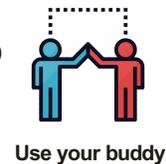
- Encourage video
- Anticipate social delay
- Allow personalization
 - Virtual Backgrounds
 - "I'm grateful for..."
 - Photos



17

Ask a Question

- Answers can be:
 - Written (chat box)
 - Visual
 - Verbal

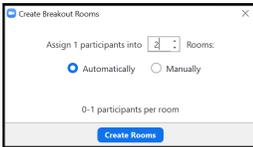


18

Get Them Talking

Before Set expectations: preparation -> engagement
Know your participants

During Invite individuals directly
Monitor chatbox
Breakout sessions

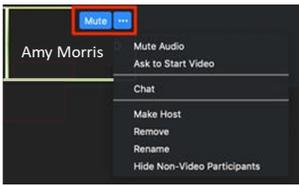


19

Get Them Talking

To Stop

1. Expectations
2. Drastic measures



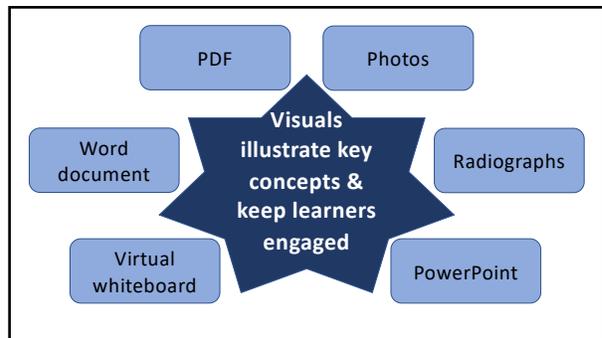
20

Get Them Moving

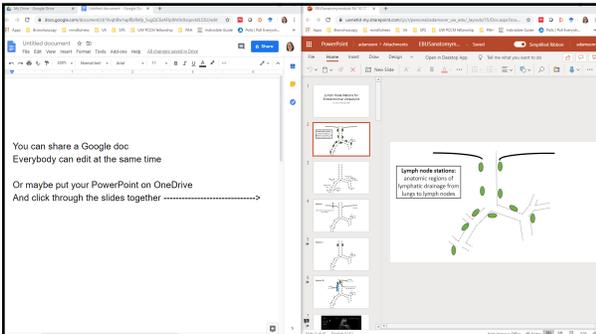
Answers need not be text
Small activities reset attention



21



22



You can share a Google doc
Everybody can edit at the same time

Or maybe put your PowerPoint on OneDrive
And click through the slides together

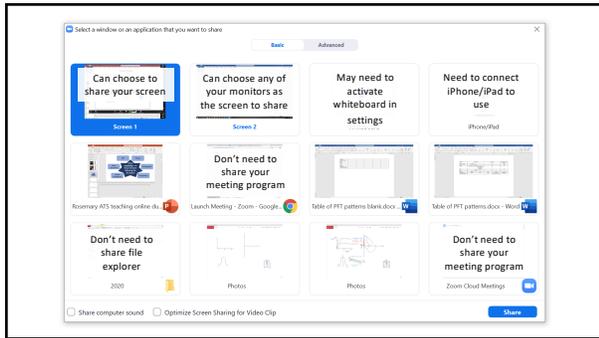
23



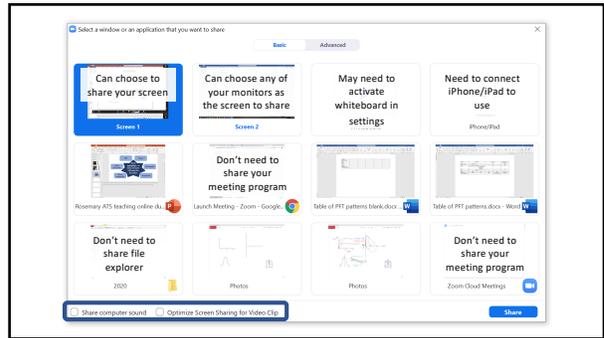
Meeting Topic: amy & rosemary prep sess
Host: Rosemary Adamson
Invitation URL: <https://us11.zoom.us/j/9711289259>
Participant ID: 502451

Join Audio
Share Screen

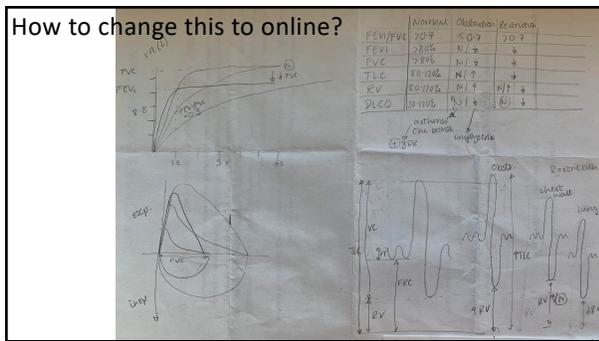
24



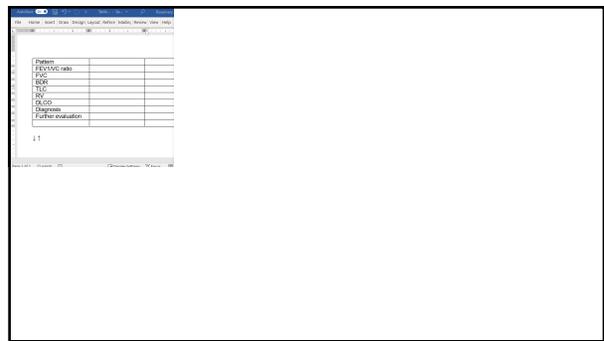
25



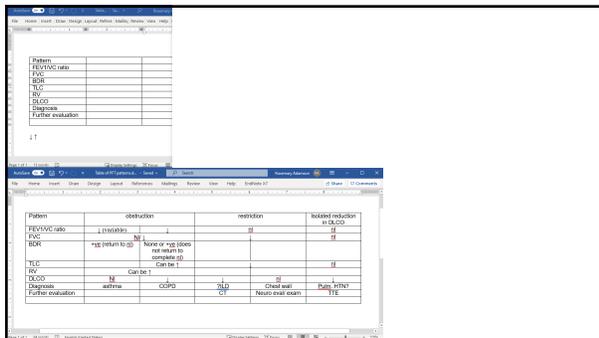
26



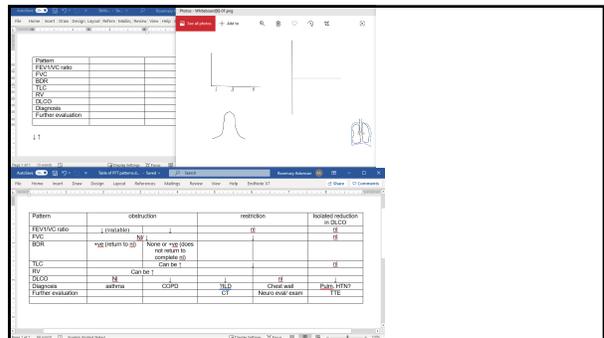
27



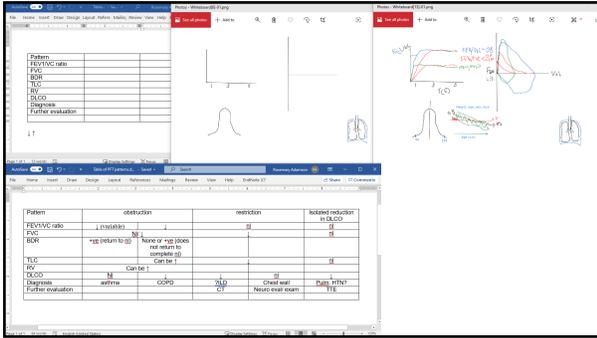
28



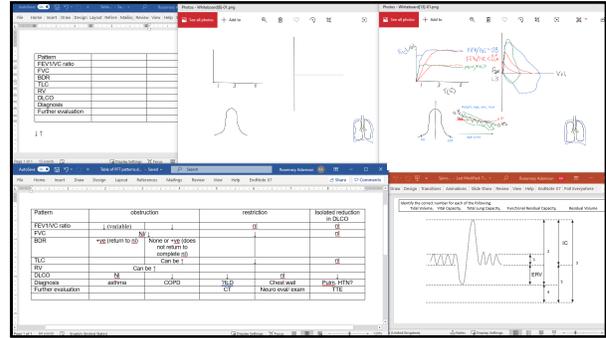
29



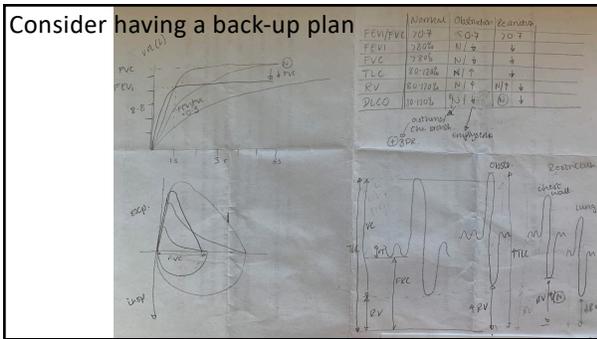
30



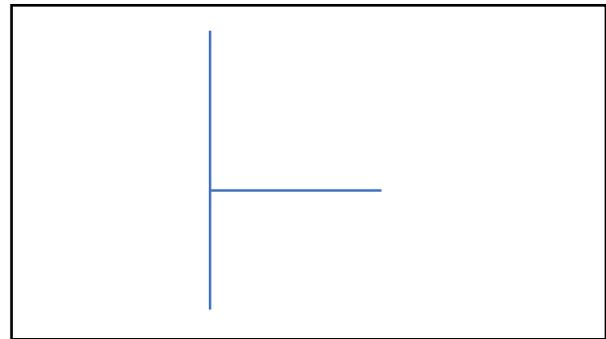
31



32



33



34

- Select appropriate platform for online teaching
- Employ team teaching online
- Integrate interaction into online teaching
- Identify appropriate visuals for online education

35

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
 - <https://zoom.us/docs/en-us/covid19.html>

36

AMERICAN THORACIC SOCIETY

THANK YOU!
Any questions or suggestions?

Rosemary Adamson MBBS, Molly Billings MD,
Başak Çoruh MD, Amy Morris MD,
Elizabeth Parsons MD

 *We help the world breathe*
PULMONARY • CRITICAL CARE • SLEEP

 Association
of Pulmonary and
Critical Care Medicine
Program Directors

thoracic.org

37