

GME Educational Resources and Best Practices 03/24/2020

Available platforms at Wash U for moving educational content online:

1. **Zoom**: <https://it.wustl.edu/2020/01/28/zoom-video-conferencing-services-come-to-washu/>

--Audience can join by phone or video

--Wash U SSO can accommodate 300 individuals

--Conference delivery includes sharing one's screen to talk over an existing powerpoint presentation

--Also, the educator can present the material "live" and switch between talking to audience and sharing slides

--There is a white board function included in Zoom:

<https://www.youtube.com/watch?v=OvcyxSHj1MY&feature=youtu.be>

(What is needed: a computer with a camera, a separate iPad or tablet, and a pen/pencil compatible with the tablet)

--Zoom also lets audience members have small group sessions by utilizing break out rooms; break out rooms can be assigned when setting up your meeting

--Chat function allows for questions to be asked in real time during the didactic session

Real life examples:

--In Internal Medicine, our Monday and Wednesday conferences are continuing as normal. The speaker deliveries the didactic session in the same room as normal; however, there are no residents in the audience. The didactic is being broadcasted live via Zoom and recorded. The residents can Zoom into conference via their phones and watch the speaker/slides from a location of their choice that facilitates physical distancing. We utilize the chat function of Zoom to ask questions to the speaker, and the chief residents helps to feed the questions to the speaker. All didactics are recorded and stored on Box for residents to access at any time.

--For the internal medicine ambulatory didactics, we are also using Zoom to deliver the didactic sessions (usually 3 x 1 hr sessions). Our ambulatory didactics are highly interactive so the break out rooms have been great to facilitate small group work and discussions. It is recommended that you specifically time the small group sessions as it is hard to tell when the discussion winds down without being in the room.

2. **MS Teams:** <https://it.wustl.edu/home/how-to/office-2016/microsoft-teams/>

- Great platform for coordinating groups of people (aka, teams!)
- Can easily organize and collate information to share in files
- Can support ongoing, real time discussions on a particular topic (see examples of Journal Club and report below)
- Can also support individual or group chats
- Very similar to Slack; however, the platform is built into Outlook as a function and very user friendly
- Phone app also available
- Can also assign and administer assignments/quizzes/information recall from didactics
- Can embed polls into didactics session via chats (see report example below)

Real Life examples:

--In Internal Medicine, our Journal Clubs have been moved to MS Teams. The articles are distributed on Monday morning to all of the residents. We used to have split intern/resident Journal Club, but now, we are having Tuesday and Thursday journal clubs hence why we have 2 articles. At noon on the assigned day, the presenting resident posts their slides of MS Teams with video voice over commentary. Then, the residents can ask questions and participate in the journal club discussion via the chat function in Teams.

--For IM report, we are also using MS Teams. The chiefs post the one liner for report (ie, 84 yo man presenting with fever and cough). Then, using a combination of slides, interactive polls, and resident conversation via chat, the case is unveiled: HPI, PMHx, Meds, PE, Labs/Radiology. The residents suggest differential diagnoses and work through until diagnosis. The chiefs then add in teaching pearls to wrap up the case. Very easy for residents to participate via their phones!

Additional Resources:

--JGME hosted the Dr-ED chat last Thursday evening on GME during a Pandemic. Here is the transcript as well as list of useful resources:

<https://bit.ly/3dgfgDP>

--Online Medical Education Resources for Residents and Students:

<https://www.appd.org/file-uploads/17400/Online%20Elective%20for%20Residents%20&%20Med%20Students.pdf>

--Individual Residency response: The IM residency program started sending out educational resources for residents; thanks to an intern who created this google document to organize and store info (including our conferences and wellness tips) all in one place. Residents have access to this document via our website and on Box.

https://docs.google.com/spreadsheets/d/19IPcgDDr5DtUEi_WSRw9dASZxsZ6sqQvUfrC5LZmGgY/edit#gid=0