

2020-08-20: The Clerkship....Is Virtual Enough?
Hosted by Clerkship Directors in Internal Medicine

The following links were shared during the chat:

- How Medical Schools Are Making Clerkships Virtual During COVID-19 <https://www.ama-assn.org/residents-students/medical-school-life/how-medical-schools-are-making-clerkships-virtual-during>



MedEd Chat @MedEdChat9 hours ago

Topic 1: During the outbreak, how did you structure a virtual clerkship (clinical training)? [#MedEdChat](#) [#meded](#)



Lonika #wearyourmask Sood @sood lonika9 hours ago

Good to see you here!!



Dawn Cooper @dcgranzyme9 hours ago

Dawn from Spokane WA [#MedEdChat](#)



Gary Beck Dallaghan @GLBDallaghan9 hours ago

T1 I know there were a lot of case-based discussions done virtually. Initially a COVID-19 course was arranged to allow time to prepare for virtual clerkships [#mededchat](#)



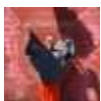
Matt Sakumoto @MattSakumoto9 hours ago

[@MedEdChat](#) T1 Combo of prepared (sim) cases, but parallel learning with Virtual Rounds following real patients via the EHR, watching their hospital course evolve in real time [#MedEdChat](#)



Alliance4ClinEd @Alliance4ClinEd9 hours ago

T1 Here are some examples shared in a townhall for [@AmerMedicalAssn](#) <https://t.co/xZORUDPLtU> [#MedEdChat](#) [@BJBRoman](#)



Scott Graziano (he/him/his) @sgraziano119 hours ago

[@MattSakumoto](#) [@MedEdChat](#) That is pretty cool way to work around. [#MedEdChat](#)



Lonika #wearyourmask Sood @sood lonika9 hours ago

A1: we figured which skills students needed to work on and then prioritized those in 6 disciplines [#mededchat](#)



MedEd Chat @MedEdChat9 hours ago

RT @Alliance4ClinEd: T1 Here are some examples shared in a townhall for @AmerMedicalAssn <https://t.co/xZ0RUDPLtU> #MedEdChat @BJBRoman



Gary Beck Dallaghan @GLBDallaghan9 hours ago

[@sood lonika](#) T1 What type of skills? How specifically did you have students work on them? #MedEdChat



Lonika #wearyourmask Sood @sood lonika9 hours ago

[@GLBDallaghan](#) A1: must give credit to our assessment dean [@dcgranzyme](#) (this may be her first [#tweetchat](#)) who helped with identifying EPas and then assigning to different disciplines [#mededchat](#)



Radha Nandagopal, MD @radha_peds9 hours ago

T1 In our LIC model, students had varied experiences and were at different stages of learning. Worked backwards to identify gaps and modified workplace based assessments to continue to give them feedback during virtual rounds and with simulated patients. [#mededchat](#)



Alliance4ClinEd @Alliance4ClinEd9 hours ago

T1 Were you able to involve students with telehealth visits easily? If not, what were the barriers? [#MedEdChat](#)



Matt Sakumoto @MattSakumoto9 hours ago

[@GLBDallaghan](#) [@sood lonika](#) T1 Interesting! In our virtual rounds, we had M3s, and M4 and a "tele-attending" focus was on EHR chart biopsy, oral presentation, and clinical reasoning. As an attg, great to spend so much time/focus on the M3 skillset [#mededchat](#)



MedEd Chat @MedEdChat9 hours ago

RT [@radha_peds](#): T1 In our LIC model, students had varied experiences and were at different stages of learning. Worked backwards to identify...



Scott Graziano (he/him/his) @sgraziano119 hours ago

[@Alliance4ClinEd](#) We did a lot of things that students worked on, but outside the normal curriculum. Like COVID triage for the early testing, working on the hospital ID teams. [#MedEdChat](#)



Radha Nandagopal, MD [@radha_peds9 hours ago](#)

T1 we did some telemed training for students using sim, but barriers at a community based school to involving students in real telemed included varying regu6across health systems. [#mededchat](#)



MedEd Chat [@MedEdChat9 hours ago](#)

RT [@MattSakumoto](#): [@GLBDallaghan](#) [@sood Ionika](#) T1 Interesting! In our virtual rounds, we had M3s, and M4 and a "tele-attending" focus was on...



MedEdBot [@MedEdBot9 hours ago](#)

RT [@MedEdChat](#): We will assume that all of your tweets during [#mededchat](#) are your own during this hour unless otherwise stated [#meded](#)



MedEdBot [@MedEdBot9 hours ago](#)

RT [@MedEdChat](#): T1 about to come up in a few moments [#meded](#) [#mededchat](#)



MedEdBot [@MedEdBot9 hours ago](#)

RT [@MedEdChat](#): Topic 1: During the outbreak, how did you structure a virtual clerkship (clinical training)? [#MedEdChat](#) [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan9 hours ago](#)

[@sgraziano11](#) [@Alliance4ClinEd](#) That's a similar experience our students had for a couple of months. Even with re-integrating them into actual care environments was slow going and cautious....understandably so [#mededchat](#)



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

[@radha_peds](#) T1 Do you think some of the issues allowing students to be involved in real telemed can be overcome at your site? [#MedEdChat](#)



Kristina Dzara, PhD, MMSc [@KristinaDzara8 hours ago](#)

RT [@MedEdChat](#): Topic 1: During the outbreak, how did you structure a virtual clerkship (clinical training)? [#MedEdChat](#) [#meded](#)



Kristina Dzara, PhD, MMSc [@KristinaDzara8 hours ago](#)

RT [@MedEdChat](#): We will assume that all of your tweets during [#mededchat](#) are your own during this hour unless otherwise stated [#meded](#)



Kristina Dzara, PhD, MMSc @KristinaDzara8 hours ago

RT @sood Ionika: @MedEdChat @Alliance4ClinEd @AAIMOnline Awesome!! Although I need to thank a pandemic for the topic ;) #mededchat



Kristina Dzara, PhD, MMSc @KristinaDzara8 hours ago

RT @MedEdChat: Remember to join #MedEdChat tonight at 9PM NYC! We'll be discussing clinical #meded in the virtual realm! <https://t.co/7FQk...>



Radha Nandagopal, MD @radha_peds8 hours ago

Did anyone think some of the created virtual experiences would be good to add/keep post pandemic? Are the virtual modules addressing gaps that may have existed pandemic or not? #mededchat



Gary Beck Dallaghan @GLBDallaghan8 hours ago

@radha_peds T1 Excellent question. We may find out the answer when we get to a post-pandemic world? I think we're all still paddling as fast as we can to stay afloat! #MedEdChat



Scott Graziano (he/him/his) @sgraziano118 hours ago

@radha_peds Having the students do didactics a week before, front loaded, then focus on clinical work uninterrupted. #mededchat



MedEd Chat @MedEdChat8 hours ago

RT @radha_peds: Did anyone think some of the created virtual experiences would be good to add/keep post pandemic? Are the virtual modules a...



Scott Graziano (he/him/his) @sgraziano118 hours ago

@Alliance4ClinEd @radha_peds As we get back to business as new usual, I feel like less of a priority with the powers that be. #mededchat



MedEd Chat @MedEdChat8 hours ago

Topic 2: What assessment methods did you use/discard from your usual inventory? #MedEdChat #MedEd



Radha Nandagopal, MD @radha_peds8 hours ago

@GLBDallaghan #mededchat T1 Agree!@GLBDallaghan I like to fantasize about that post pandemic world... a coping strategy!



Scott Graziano (he/him/his) [@sgraziano118 hours ago](#)
[@MedEdChat](#) For a while, we had to drop NBME exam since we could not proctor. Made students take the NBME self assessment and made it pass fail. [#mededchat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh8 hours ago](#)
[@MedEdChat](#) [#mededchat](#) T1 some of the clinical preceptors used telemedicine for virtual clerkships. Others engaged the students in case-based discussions and learning resources like Lecturio. We asked the students to write reflective notes based on what they have learned at the end of week



Lonika #wearyourmask Sood [@sood lonika8 hours ago](#)
[@MattSakumoto](#) [@GLBDallaghan](#) That is fantastic [#mededchat](#)



the.grace.movement [@Jbowmanmd8 hours ago](#)
[@radha_peds](#) [@MedEdChat](#) T1: socially or ethically complex cases were simulated and great fodder for debating uncertainty. We may well keep these virtual experience no matter access issues because the stakes are lower in simulation. [#MedEdChat](#)



MedEd Chat [@MedEdChat8 hours ago](#)
RT [@Jbowmanmd](#): [@radha_peds](#) [@MedEdChat](#) T1: socially or ethically complex cases were simulated and great fodder for debating uncertainty. W...



MedEd Chat [@MedEdChat8 hours ago](#)
RT [@ArjaSateesh](#): [@MedEdChat](#) [#mededchat](#) T1 some of the clinical preceptors used telemedicine for virtual clerkships. Others engaged the stud...



Scott Graziano (he/him/his) [@sgraziano118 hours ago](#)
[@ArjaSateesh](#) [@MedEdChat](#) Reflection, a Jesuit education trick. [#mededchat](#)



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)
T2 We didn't do any testing until the students started up again with in-person clerkships. Our sim center has done a phenomenal job of getting Zoom OSCEs going [#mededchat](#)



Radha Nandagopal, MD [@radha_peds8 hours ago](#)
[@Alliance4ClinEd](#) [#mededchat](#) Probably? As preceptors and systems get comfortable with the tech...I don't know if the systems can move as quickly as education may need them to



Lonika #wearyourmask Sood @sood Lonika8 hours ago
[@dcgranzyme](#) [@MedEdChat](#) [#mededchat](#)



Gary Beck Dallaghan @GLBDallaghan8 hours ago
T2 We just had our first go with virtual NBME examinations last week. It went smoothly [#MedEdChat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH @ArjaSateesh8 hours ago
[@MedEdChat](#) [#mededchat](#) T2 Mini_CEX or repeated observations was the common method of assessment in our clerkships. It was compromised to a certain extent during pandemic. We used reflective writings as part of evaluations. And NBME shelf exams resumed when we moved on to remote proctoring



Paul Haidet @myheroistrane8 hours ago
We brought students into the clinical spaces via zoom and iPads, or included them in telehealth visits. Had them write up and present patients over zoom with preceptors to hone presentation skills in anticipation of returning to clinical environments. [#MedEdChat](#)



Scott Graziano (he/him/his) @sgraziano118 hours ago
[@GLBDallaghan](#) Our students "tolerated" zoom OSCEs. Felt there were a lot of barriers to shine. But our center worked hard as well, super proud. [#mededchat](#)



Alliance4ClinEd @Alliance4ClinEd8 hours ago
T2 Have you heard of any schools that are making clerkship grades pass/fail this year due to the pandemic? If so, how do students feel about that? [#MedEdChat](#)



ETSU Medical Library @QCOMLIB8 hours ago
[#MedEdChat](#) is in progress right now <https://t.co/LyaKZvdNZm>



MedEd Chat @MedEdChat8 hours ago
RT @DSchatteMD T2: we added a virtual OSCE! The co-director of the psych clerkship & I got to watch a full simulated interview, listen to the oral presentation, and grade the SP Case note written in Epic TrainPlay for each student in the virtual curriculum. [#mededchat](#)



MedEd Chat @MedEdChat8 hours ago
RT @myheroistrane: We brought students into the clinical spaces via zoom and iPads, or included them in telehealth visits. Had them write u...



@DSchatteMD [@dschattemd8 hours ago](#)

[@MedEdChat](#) T1: we moved the didactics virtual (including online TBL, creating case simulations) and shortened the clerkship. They came back to finish mask-to-mask with real patients [#mededchat](#)



Lonika #wearyourmask Sood [@sood lonika8 hours ago](#)

[@MedEdChat](#) [@dschattemd](#) So cool!!! Our colleague did that as well ... [#psychiatryrules](#) [#mededchat](#)



Iris Thiele Isip Tan MD, MSc [@endocrine witch8 hours ago](#)

RT [@myheroistrane](#): We brought students into the clinical spaces via zoom and iPads, or included them in telehealth visits. Had them write u...



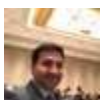
Iris Thiele Isip Tan MD, MSc [@endocrine witch8 hours ago](#)

RT [@Jbowmanmd](#): [@radha_peds](#) [@MedEdChat](#) T1: socially or ethically complex cases were simulated and great fodder for debating uncertainty. W...



raid Aljelaify رائد الجليفي [@RaidAljelaify8 hours ago](#)

RT [@MedEdChat](#): We will assume that all of your tweets during [#mededchat](#) are your own during this hour unless otherwise stated [#meded](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh8 hours ago](#)

[@sgraziano11](#) [@MedEdChat](#) [#mededchat](#) as I said we were using lecturio as a learning resource. We can easily monitor how much time students are engaged on these resources. But we also asked students to write reflective writings based on what they have learned from lecturio just a kind of summarization



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@ArjaSateesh](#): [@sgraziano11](#) [@MedEdChat](#) [#mededchat](#) as I said we were using lecturio as a learning resource. We can easily monitor how much...



Iris Thiele Isip Tan MD, MSc [@endocrine witch8 hours ago](#)

RT [@QCOMLIB](#): [#MedEdChat](#) is in progress right now <https://t.co/LyaKZvdNZm>



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@ArjaSateesh](#) [@sgraziano11](#) [@MedEdChat](#) I have to ask....who reviews all of the reflections and do you provide students with individual feedback on what they write? [#MedEdChat](#)



Iris Thiele Isip Tan MD, MSc [@endocrine_witch8 hours ago](#)

RT [@ArjaSateesh](#): [@MedEdChat](#) [#mededchat](#) T2 Mini_CEX or repeated observations was the common method of assessment in our clerkships. It was c...



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh8 hours ago](#)

[@MedEdChat](#) [#mededchat](#) We are running virtual OSCEs. We did one virtual OSCE session in May. It went well. We are doing final OSCEs (virtually)in this week. [#meded](#)



MedEd Chat [@MedEdChat8 hours ago](#)

Topic 3: How do you measure transferability of skills to clinical experiences? [#MedEdChat](#) [#MedEd](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh8 hours ago](#)

[@GLBDallaghan](#) [@sgraziano11](#) [@MedEdChat](#) [#mededchat](#) Individual preceptors were asked to review the reflections. Each preceptor will not have more than two to three students. And Dean of clinical Sconces was the overall in charge of this process. [#meded](#)



Lonika #wearyourmask Sood [@sood lonika8 hours ago](#)

[@MedEdChat](#) A3: so hard to do... except to follow chronologically.. [#mededchat](#)



Lonika #wearyourmask Sood [@sood lonika8 hours ago](#)

[#mededchat](#)



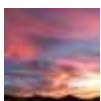
Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@MedEdChat](#) T3 Seems to me you need to consider what skills can be practiced virtually that could later be observed with patients [#MedEdChat](#)



Lonika #wearyourmask Sood [@sood lonika8 hours ago](#)

[@GLBDallaghan](#) [@MedEdChat](#) Hard part is not knowing which way the pandemic will take us [#mededchat](#)



Paul Haidet [@myheroistrane8 hours ago](#)

What we found with telehealth is that you can be creative with doing physical exam maneuvers over video, etc, and these can be taught. AND... It's not a substitute for in person. One's "physician's sixth sense" is blunted over video. [#MedEdChat](#)



Alliance4ClinEd @Alliance4ClinEd8 hours ago

T3 What concerns do people have with respect to clinical skills if this pandemic persists? Can you say at the end of this year a student is ready to enter internship? #MedEdChat



MedEd Chat @MedEdChat8 hours ago

RT @myheroistrane: What we found with telehealth is that you can be creative with doing physical exam maneuvers over video, etc, and these...



Chase J Webber DO @chasejwebber8 hours ago

@MedEdChat @prezi #mededchat



Mohamed Baraka @Mohamed662189698 hours ago

RT @MedEdChat: Topic 1: During the outbreak, how did you structure a virtual clerkship (clinical training)? #MedEdChat #meded



Sateesh Arja, M.B.B.S., MHPE, MSPH @ArjaSateesh8 hours ago

@MedEdChat #mededchat T3 transferability of skills is always as an issue when you teach and assess virtually. It is not only a problem with virtual teaching and assessments. It will be the same issue with simulation and standardized patients. Transferability of skills to a real world is ?



Lonika #wearyourmask Sood @sood lonika8 hours ago

@ArjaSateesh @MedEdChat Agree... yet we need some kind of benchmark when switching between environments #mededchat



Lonika #wearyourmask Sood @sood lonika8 hours ago

@Alliance4ClinEd Depends on many factors- what was their trajectory; what types of virtual clerkship.. #mededchat



Suzanne Minor, MD @minor se8 hours ago

@radha_peds Actually, for faculty development I hope to continue using zoom for faculty across a wide geographic area.#mededchat



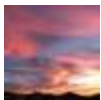
the.grace.movement @Jbowmanmd8 hours ago

@MedEdChat T3: I'm reminded that many students transition to residency with skill gaps. This won't change. EPAs in residency should translate to practice since Medicine is lifelong learning. #MedEdChat



Lonika #wearyourmask Sood @sood 8 hours ago

RT @Jbowmanmd: @MedEdChat T3: I'm reminded that many students transition to residency with skill gaps. This won't change. EPAs in reside...



Paul Haidet @myheroistrane 8 hours ago

Agreed; we do our best to teach physical exam, differential diagnosis, clinical reasoning, etc. THEN ... we must develop assessments that require students to use these skills in new and novel ways, just like in the real world. #mededchat



Teresa Hartman @thartman2u 8 hours ago

RT @myheroistrane: What we found with telehealth is that you can be creative with doing physical exam maneuvers over video, etc, and these...



MedEd Chat @MedEdChat 8 hours ago

We have about 5 more minutes left in our discussion. Please feel free to give some final thoughts #meded #mededchat



Mohamed Baraka @Mohamed662189698 8 hours ago

RT @Alliance4ClinEd: T1 Here are some examples shared in a townhall for @AmerMedicalAssn <https://t.co/xZ0RUDPLtU> #MedEdChat @BJBRoman



Suzanne Minor, MD @minor se 8 hours ago

RT @MedEdChat: Remember to join #MedEdChat tonight at 9PM NYC! We'll be discussing clinical #meded in the virtual realm! <https://t.co/7FQk...>



Lonika #wearyourmask Sood @sood 8 hours ago

@MedEdChat So appreciative of #medtwitter being open to sharing ideas #mededchat (and I see u ...lurkers turned activetweeters @dcgranzyme @radha_peds @Jbowmanmd !!)



Radha Nandagopal, MD @radha_peds 8 hours ago

@Alliance4ClinEd #mededchat T3 Definite concerns. Can we really say the students are ready? Might we need to extend graduation or extend basic skills training into GME?



Chase J Webber DO @chasejwebber 8 hours ago

@MedEdChat T2 OSCEs and EPAs were kept but augmented w/ innovative methods such as students practicing by recording (on video) oral case presentations, writing H&Ps on virtual cases. @VUmedicine students adapted brilliantly! #mededchat



the.grace.movement @Jbowmanmd8 hours ago
[@MedEdChat](#) [@sood lonika](#) thank you for inspiring me! [#MedEdChat](#)



Suzanne Minor, MD @minor se8 hours ago
T1 involve yes, w thought. Pedi CD created hybrid virtual/live rotation. IM doing hybrid rounds- live morning rounds then students leave to write notes then virtual pm rounds w note and pt reviews. Would love to hear how others are doing IM inpt rounding. [#mededchat](#)



MedEd Chat @MedEdChat8 hours ago
That's a wrap...I will post the [#mededchat](#) transcript tomorrow morning on <https://t.co/mJivoKroXx> on the Resources page. Thanks everyone for participating! [#meded](#)



MedEd Chat @MedEdChat8 hours ago
Join us again next week at 9 pm Thursday. Thanks again [@sood lonika](#) for tonight's topic! Join us next week as [@apgonews](#) will be our host! Don't forget to suggest topics by DM or email [#meded](#) [#mededchat](#)



Lonika #wearyourmask Sood @sood lonika8 hours ago
Thanks to all!!! See you next week!! [#mededchat](#)



Scott Graziano (he/him/his) @sgraziano118 hours ago
RT [@MedEdChat](#): Join us again next week at 9 pm Thursday. Thanks again [@sood lonika](#) for tonight's topic! Join us next week as [@apgonews](#) will...



Sateesh Arja, M.B.B.S., MHPE, MSPH @ArjaSateesh8 hours ago
[@ImAJHaas](#) [@MedEdChat](#) [#mededchat](#) agree objectives of the course, learning methods and assessments should be in constructive alignment. But I believe transferability could be an issue with other methods like simulation and SPs too not only with virtual teaching or virtual assessments



Suzanne Minor, MD @minor se8 hours ago
Yes we did something similar with front loading didactics for all clerkships. Then students will have more time in clinical sites. [#mededchat](#)



MedEdBot @MedEdBot8 hours ago
RT [@MedEdChat](#): We have about 5 more minutes left in our discussion. Please feel free to give some final thoughts [#meded](#) [#mededchat](#)



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RT @MedEdChat: That's a wrap...I will post the #mededchat transcript tomorrow morning on <https://t.co/mJivoKroXx> on the Resources page. Tha...



MedEdBot @MedEdBot8 hours ago

RT @MedEdChat: Join us again next week at 9 pm Thursday. Thanks again @sood lonika for tonight's topic! Join us next week as @apgonews will...



Annie Lamei @LameiAnnie7 hours ago

@MedEdChat With telemedicine becoming more and more important, it could be beneficial to take advantage of the pandemic to teach students these skills. Changing the curriculum in this way will certainly be challenging undoubtedly. #MedEdChat



Ayesha Mian @ayesha_mian15 hours ago

RT @myheroistrane: Agreed; we do our best to teach physical exam, differential diagnosis, clinical reasoning, etc. THEN ... we must develop...



Abubakar Abioye @AbuAbioye3 hours ago

@RolvixPatterson Are you interested in teaching some ENT to medical students in lockdown in LMICs with GMEC? @GMECollab @globalohns @natposever #MedTwitter #MedEdChat #medicalscool



Krishna Regmi @Krishnaregmi1862 hours ago

RT @MedEdChat: Topic 2: What assessment methods did you use/discard from your usual inventory? #MedEdChat #MedEd

The #MedEdChat Influencers

Top 10 Influential



@MedEdChat 100



@GLBDallaghan 90



@radha_peds 89



@AriaSateesh 84

 [@Alliance4ClinEd](#) 79

 [@MattSakumoto](#) 66

 [@sood Ionika](#) 64

 [@Jbowmanmd](#) 48

 [@sgraziano11](#) 47

 [@dschattemd](#) 43

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 [@MedEdChat](#) 16

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 [@GLBDallaghan](#) 8

 [@sgraziano11](#) 8

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 [@radha_peds](#) 6

 [@Alliance4ClinEd](#) 5

 [@minor_se](#) 4

 [@KristinaDzara](#) 4

Highest Impressions



[@MedEdChat](#) 135.9K



[@endocrine_witch](#) 44.1K



[@KristinaDzara](#) 23.5K



[@minor_se](#) 18.1K



[@MedEdBot](#) 14.0K



[@GLBDallaghan](#) 12.9K



[@sood_Ionika](#) 8.6K



[@myheroistrane](#) 5.0K



[@ayesha_mian1](#) 3.2K



[@Alliance4ClinEd](#) 2.7K