

2021-05-13: Clinical Experiences for Pre-Clinical Students and COVID
Topic and Questions courtesy of the Clerkship Directors in Internal Medicine

The following links were shared during the chat:

- [Following the clues: teaching medical students to explore patients' contexts - PubMed \(nih.gov\)](#)
- [Virtual decisions: Using a telehealth OSCE to enhance trainees' triage skills - Haidet - 2021 - Medical Education - Wiley Online Library](#)
- [The clinic is my woodshed: a new paradigm for learning and refining communication skills - PubMed \(nih.gov\)](#)
- [The Implications of Online Preclinical Medical Education: Voicing Student Concerns — HMSR \(hmsreview.org\)](#)



MedEd Chat (hosted by ACE) [@MedEdChat8 hours ago](#)

TOPIC 1: What do you think students value most in their patient interactions in pre-clinical years? [#MedEdChat](#) [#meded](#)



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

T1 Exposure to patients early in medical school helps students apply what they're learning in the classroom....and what they are there to become [#MedEdChat](#)



Katie Huggett, PhD [@MedEdKatie8 hours ago](#)

Katie here in Vermont [#MedEdChat](#)



MedEd Chat (hosted by ACE) [@MedEdChat8 hours ago](#)

[@MedEdKatie](#) Welcome to the chat! [#MedEdChat](#)



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

T1 When I worked more with medical students, I know they told me seeing patients was when they truly felt like they were becoming doctors....even if all they did was take a bit of history [#MedEdChat](#)



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

[@MedEdChat](#) [#mededchat](#) T1 I teach clinical skills for year 1 students. Students value learning history taking, communication and interpersonal skills, physical examination skills, differential diagnosis and plan and even writing SOAP notes. Students are more enthusiastic and curious [#meded](#)



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

[@Alliance4ClinEd](#) [#mededchat](#) T1 this early exposure is very critical for integration and also helps the students with the sense of belonging to medical profession [#meded](#)



MedEdBot [@MedEdBot8 hours ago](#)

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



MedEdBot @MedEdBot8 hours ago

RT @ArjaSateesh: #mededchat Sateesh Arja from Avalon University School of Medicine, Curacao #meded



MedEdBot @MedEdBot8 hours ago

RT @MedEdChat: TOPIC 1: What do you think students value most in their patient interactions in pre-clinical years? #MedEdChat #meded



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

TOPIC 2: In pre-clinical education, in what capacity did you utilize standardized patients? #MedEdChat #meded



Katie Huggett, PhD @MedEdKatie8 hours ago

#mededchat T1 Powerful professional identity formation experiences. Students also cite seeing “real world” outside classes



Med Student Bot @MedStudent_Bot8 hours ago

RT @MedEdChat: TOPIC 2: In pre-clinical education, in what capacity did you utilize standardized patients? #MedEdChat #meded



EMedTox @emedtox8 hours ago

#mededchat T1: Clinical experiences allow a student to start learning to think backwards. Classes are all about physiology physiology physiology then symptoms. Clinical time starts with symptoms & forces students to try to look backwards. Important skill that activates knowledge.



Emily Shaffer, DO @DrMissWV8 hours ago

Sorry I'm late to the party! I'm Emily, a pathology PGY2 in Long Island #MedEdChat



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

@MedEdChat #mededchat T1 in our school, we use standardized patients in clinical skills modules in the first four semesters. I teach semester 2 (year 1) clinical skills. We use standardized patients for teaching history taking, communication, and normal PE. And also for assessments #meded



Gary Beck Dallaghan @GLBDallaghan8 hours ago

T2 When I was at my prior institution, we had standardized patients in almost every week for their beginning doctoring course to learn how to take histories. #MedEdChat



EMedTox @emedtox8 hours ago

#mededchat T2 Ugh. Unpopular opinion here. I despised learning with standardized patients, & later on, I avoided creating any education that was dependent upon them. The simulated environment & acting skills were always too corny, never real enough for me to suspend my disbelief.



Emily Shaffer, DO @DrMissWV8 hours ago

A2: My UME used SPs extensively. In addition to OSCEs, we has a CS practical exams for every system, communication labs w/ SPs starting our 2nd wk of OMS1, and we had structured encounters for certain scenarios (giving bad news, motivational interviewing) during CS2 [#MedEdChat](#)



Gary Beck Dallaghan @GLBDallaghan8 hours ago

@emedtox T2 That's too bad. We had some really good SPs with believable acting chops. Wasn't hard for students to appreciate the interviewing practice....particularly when taking time outs to get help when stuck [#MedEdChat](#)



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @DrMissWV: A2: My UME used SPs extensively. In addition to OSCEs, we has a CS practical exams for every system, communication labs w/ SP...



EMedTox @emedtox8 hours ago

[#MedStudentTwitter](#) [#meded](#) [#FOAMed](#) Involved in med student education? Tweet chat happening right now, If you're interested.



Paul Haidet @myheroistrane8 hours ago

I was once visiting Yale and observed an exercise that used SPs from the theater program. No feedback or assessment by the SPs (there were expert faculty for that), just hired to act a part and make it real. Best simulation I ever saw. [#mededchat](#)



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

TOPIC 3: Prior to COVID, how often did your pre-clinical students interact with patients - authentic or standardized? How has that changed since the pandemic? [#MedEdChat](#) [#meded](#)



EMedTox @emedtox8 hours ago

[#mededchat](#) T2 Interestingly, I love live actor scenario-based teaching for teaching EMS. Also have used it for teaching resident physicians. Can't stand mannequins, but medical people playing patient roles are incredible actors as a rule. Add some moulage, and it's convincing.



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @myheroistrane: I was once visiting Yale and observed an exercise that used SPs from the theater program. No feedback or assessment by t...



Emily Shaffer, DO @DrMissWV8 hours ago

T1: Our curriculum had >40 SP encounters built into our preclinical curriculum, & for me the most valuable part of doing that was being provided a forum to "workshop" my application of CS

knowledge

collected + confident patient encounters [#MedEdChat](#)



Alliance4ClinEd @Alliance4ClinEd8 hours ago

T3 Pre-clinical students have not been seeing patients (authentic or simulated) much at all during the pandemic. Since January it has improved due to vaccinations...but still not back to pre-COVID days #MedEdChat



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @DrMissWV: T1: Our curriculum had >40 SP encounters built into our preclinical curriculum, & for me the most valuable part of doing that...



Paul Haidet @myheroistrane8 hours ago

Q2: we trained SPs to drop clues to important narrative content (just like real patients do) and only tell the story if students followed the clues rather than following a preordained script. Good practice for avoiding contextual errors. #mededchat <https://t.co/d7GSCr4ddP>



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @myheroistrane: Q2: we trained SPs to drop clues to important narrative content (just like real patients do) and only tell the story if...



Paul Haidet @myheroistrane8 hours ago

Since the pandemic, we have developed telehealth cases to help residents practice the triage decision critical in a telehealth visit: A) ok to manage over telehealth B) need to bring the patient to clinic to collect more data #mededchat <https://t.co/HMGy6Anlw7>



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @myheroistrane: Since the pandemic, we have developed telehealth cases to help residents practice the triage decision critical in a tele...



Gary Beck Dallaghan @GLBDallaghan8 hours ago

@myheroistrane How did you train the SPs for the telehealth visits? #MedEdChat



Emily Shaffer, DO @DrMissWV8 hours ago

T3: in addition to our CS encounters, our school (pre-COVID) held a free OMM student clinic where you were paired up w/ another med student & supervising attending & you examined/dev Tx plan/performed OMM on same pr x6wks. Included charting for OMM encounters. #MedEdChat



Paul Haidet @myheroistrane7 hours ago

SP encounters are not "practice" - a one or two-time encounter with an SP with feedback is the LESSON, NOT the practice. Have to then repeatedly practice the skill with patient after patient. We don't pay enough attention to the practice IMO. #mededchat <https://t.co/8toSGR0wDO>



Emily Shaffer, DO @DrMissWV7 hours ago

@GLBDallaghan @myheroistrane My guess would be "in a similar way to how you trained them for in person encounters." Give them a script for responses to certain questions, how they should respond to certain maneuvers, etc. Seems fair game given that tele-encounters have appeared on CS exams in past #MedEdChat



MedEd Chat (hosted by ACE) [@MedEdChat7 hours ago](#)

RT [@myheroistrane](#): SP encounters are not “practice” - a one or two-time encounter with an SP with feedback is the LESSON, NOT the practice....



MedEd Chat (hosted by ACE) [@MedEdChat7 hours ago](#)

TOPIC 4: How do you think changes in pre-clinical experiences will influence students as they move into their clinical years [#MedEdChat](#) [#meded](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh7 hours ago](#)

[@MedEdChat](#) [#mededchat](#) T3 our preclinical students are not back on campus and they are not seeing patients or SPs. They are interacting with SPs online. They are missing learning normal PE on which they can build the further Physical Examination Skills and clinical Knowledge [#meded](#)



Paul Haidet [@myheroistrane7 hours ago](#)

[@GLBDallaghan](#) Did the training over zoom (just like a telehealth platform), worked with them to set up their “shot” to give clues to possible exam maneuvers resident could do to elicit data. [#mededchat](#)



Gary Beck Dallaghan [@GLBDallaghan7 hours ago](#)

T4 Experiences during COVID could have down stream effects of being less prepared for clinical rotations. This article by med students shows they want to be back on campus and seeing patients <https://t.co/pGeTkEMMC7> [#MedEdChat](#)



Paul Haidet [@myheroistrane7 hours ago](#)

[@DrMissWV](#) [@GLBDallaghan](#) Agreed. Also can be strategic about setting up the shot so that residents can learn things about social determinants by looking around the case patient’s home. Makes for a powerful lesson. [#mededchat](#)

Emily Shaffer, DO [@DrMissWV7 hours ago](#)



T4: I see no way around it: the real-world encounters you have with real or standardized

patients, the degree of awkwardness, anxiety, & inefficiency you’ll see for MS3s across the board, particularly in the 1st 1-2 mo on service [#MedEdChat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh7 hours ago](#)

[@MedEdChat](#) [#mededchat](#) T4 This might not be a problem of one school/university. This could be a global problem. Students might struggle in the first one or two clerkships. After that should be fine. hoping for good things to happen ASAP & students can return to preclinical campuses [#meded](#)



Emily Shaffer, DO [@DrMissWV7 hours ago](#)

T4: it’s also reasonable to consider that a certain % of students entering 1st yr will be under added duress @ suddenly being put in situation where they must share space/contact with a stranger after prolonged social distancing from all but select social circle [#MedEdChat](#)



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



Natalie Lavergne [@LavergneNatalie7 hours ago](#)

RT [@emedtox](#): [#mededchat](#) T1: Clinical experiences allow a student to start learning to think backwards. Classes are all about physiology phy...



MedEd Chat (hosted by ACE) [@MedEdChat7 hours ago](#)

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



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Join us again next week at 9 pm Thursday. Don't forget to suggest topics by DM or email [#meded](#) [#mededchat](#)



Emily Shaffer, DO [@DrMissWV7 hours ago](#)

One final point that I want to make here is that I found my own preclin exp so helpful bc they were all filmed & we were given the opp to review the tape prior to any specific feedback/impressions. If you see it for yourself is req to understand intention vs perception [#MedEdChat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh7 hours ago](#)

RT [@ArjaSateesh](#): [@MedEdChat](#) [#mededchat](#) T1 in our school, we use standardized patients in clinical skills modules in the first four semester...



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh7 hours ago](#)

RT [@ArjaSateesh](#): [@Alliance4ClinEd](#) [#mededchat](#) T1 this early exposure is very critical for integration and also helps the students with the s...



Angela Brandenburg [@angebrandenburg37 minutes ago](#)

Have you read this paper re growth mindsets in context of [#MedEd](#)? Keen to hear thoughts... Recently on [#MedicalEducationPodcasts](#) - <https://t.co/IRIQXv0vfS> & full paper here <https://t.co/V2vxJkEn2v> [#MedEdAU](#) [#MedicalEducation](#) [#MedEdChat](#) [#ASME](#)

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[@myheroistrane](#) 100



[@GLBDallaghan](#) 84



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[@ArjaSateesh](#) 1.1K



[@LavergneNatalie](#) 900.0



[@MedEdKatie](#) 704.0

The Numbers

185.851K Impressions

54 Tweets

12 Participants

7 Avg Tweets/Hour

5 Avg Tweets/Participant

Twitter data from the [#MedEdChat](#) hashtag from Thu, May 13th 2021, 9:05PM to Fri, May 14th 2021, 5:05AM (America/New_York) – Symplur.