

2021-11-11: Using Objective Structured Clinical Examinations

Topic and Questions courtesy of the Association of Medical Student Education in Psychiatry

The following links were shared during the chat:

- [Expanding OSCE-related Learning Opportunities For Pre-Clerkship Students: Insights From an Assessment for Learning Curriculum - PubMed \(nih.gov\)](#)
- [Evaluation of outcomes of a formative objective structured clinical examination for second-year UK medical students - PubMed \(nih.gov\)](#)
- [Peer assessment in the objective structured clinical examination: A scoping review - PubMed \(nih.gov\)](#)
- [Independent and mentored video review of OSCEs - PubMed \(nih.gov\)](#)
- [Twelve tips for designing and implementing a structured rater training in OSCEs - PubMed \(nih.gov\)](#)
- [Twelve tips for developing an OSCE that measures what you want - PubMed \(nih.gov\)](#)
- [Is the OSCE a feasible tool to assess competencies in undergraduate medical education? - PubMed \(nih.gov\)](#)
- [Validity evidence for medical school OSCEs: associations with USMLE® step assessments - PubMed \(nih.gov\)](#)
- [The Psychiatry OSCE: a 20-year retrospective - PubMed \(nih.gov\)](#)



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

TOPIC 1: Are OSCE's more useful for student assessment or as a teaching tool?

Why? #MedEdChat #meded



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

@MattSakumoto Objective Structured Clinical Examination #MedEdChat



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

#mededchat Sateesh Arja from Avalon University School of Medicine, Curacao #meded



Gary Beck Dallaghan @GLBDallaghan8 hours ago

T1 I'm going to take a tip from @debsimpson3 and say this is not an either or question but a yes...and. This study used OSCEs for both <https://t.co/oNqQFFn097> #MedEdChat



Matt Sakumoto @MattSakumoto8 hours ago

@MedEdChat Also looping in @jbcarmody with a timely thread on the topic #mededchat



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @GLBDallaghan: T1 I'm going to take a tip from @debsimpson3 and say this is not an either or question but a yes...and. This study used...



Med Student Bot @MedStudent_Bot8 hours ago

RT @MedEdChat: The #MedEdChat topic & questions will be announced in a moment...for now, please introduce yourselves #meded



Med Student Bot [@MedStudent_Bot8 hours ago](#)

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



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Med Student Bot [@MedStudent_Bot8 hours ago](#)

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



Jean Bailey, PhD [@Jeanmb478 hours ago](#)

T1 What Gary said [#Mededchat](#)



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

T1 There are several articles noting the beneficial learning opportunities from OSCEs <https://t.co/47qTOQr08s> <https://t.co/FYCVZYXa8S> <https://t.co/fanvaj5k6n> [#MedEdChat](#)



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

RT [@Alliance4ClinEd](#): T1 There are several articles noting the beneficial learning opportunities from OSCEs <https://t.co/47qTOQr08s> <https://t.co/47qTOQr08s>...



Jean Bailey, PhD [@Jeanmb478 hours ago](#)

T1 learning environment is key. If the OSCEs offer a safe place for students to fail, then perhaps they can be effective learning tools. [#mededchat](#)



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

[@MedEdChat](#) [#mededchat](#) T1 OSCE's are useful for both assessment and for teaching. especially they are useful for assessment even high stakes one; graduation requirement if the content of the exam is appropriate and reflecting the learning objectives or outcomes of the program or clerkship



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

T1 If the OSCE is for learning, when in the medical school curriculum do you begin using them? [#MedEdChat](#)



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



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RT @MedEdChat: TOPIC 1: Are OSCE's more useful for student assessment or as a teaching tool? Why? #MedEdChat #meded



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



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

TOPIC 2: What steps are required to ensure the experience is truly standardized? #MedEdChat #meded



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

@MedEdChat #mededchat T1 definitely I would use OSCEs for formative assessments which are meant for assessments for learning. #meded



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @DSchatteMD #MedEdChat T1 we use a formative OSCE in our first course of med school - META - 4 weeks into school. Students who are identified with low interpersonal skills watch the video with course directors to identify ways to improve for future clinical performance.



Alliance4ClinEd @Alliance4ClinEd8 hours ago

T2 This 12 tips article lays out a good process to follow to develop OSCEs @MedTeachJournal <https://t.co/vnTyH6fbhl> #MedEdChat



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @Alliance4ClinEd: T2 This 12 tips article lays out a good process to follow to develop OSCEs @MedTeachJournal <https://t.co/vnTyH6fbhl>...



Gary Beck Dallaghan @GLBDallaghan8 hours ago

T2 I think more than anything there needs to be rater training. Check out this 12 tips article about how to do that @MedTeachJournal <https://t.co/pyFaK5ozHs> #MedEdChat



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT Jean Bailey, PhD @Jeanmb47 Replying to @MedEdChat Integrate them into the basic science curriculum as early as possible, perhaps even in M1 year #MedEdChat



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT Jean Bailey, PhD @Jeanmb47 Replying to @MedEdChat Training for observers and good, clear rubrics #MedEdChat



Med Student Bot @MedStudent_Bot8 hours ago

RT @MedEdChat: TOPIC 2: What steps are required to ensure the experience is truly standardized? #MedEdChat #meded



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 8 hours ago
[@MedEdChat](#) [#mededchat](#) T2 <https://t.co/dd8Xckl7iR> [#meded](#)



MedEd Chat (hosted by ACE) [@MedEdChat](#) 8 hours ago
RT [@ArjaSateesh](#): [@MedEdChat](#) [#mededchat](#) T2 <https://t.co/dd8Xckl7iR> [#meded](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago
[@MedEdChat](#) [@Jeanmb47](#) [#mededchat](#) T1 agree even if it is a single station SP-based assessments during early basic science curriculum helps the students with history taking, comprehensive physical examination, communication skills, and clinical reasoning [#meded](#)



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 hours ago
TOPIC 3: Can standardized patients accurately represent real life patient experiences? Does this change based on specialty? i.e. would an IM OSCE be more representative of a real patient than a psychiatry patient? Why? [#MedEdChat](#) [#meded](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 7 hours ago
T3 Based on this analysis of 20 years of psychiatry OSCEs in Canada, the answer to this question is that robust OSCEs in psychiatry are just as good as any other [#mededchat](#) <https://t.co/Ge6h0GdIVc>



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago
[@MedEdChat](#) [#mededchat](#) T3 it is difficult to transfer knowledge from simulation world or even with standardized patients to real world. But we need to use standardized patients for the safety of real patients and also reduced patient exposure and training hours in training programs [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan](#) 7 hours ago
T3 I agree with [@ArjaSateesh](#) completely. I also think that the quality of the OSCE comes down to the careful planning and time spent training both SPs and evaluators....regardless of the discipline [#MedEdChat](#)



Michelle Knoll, MD [@PedsEndoChick](#) 7 hours ago
[@MedEdChat](#) T3: To some degree. If there are specific physical exam signs, sometimes it's difficult to replicate those, but with good training, SPs can mimic real patients well. [#MedEdChat](#)



Med Student Bot [@MedStudent_Bot](#) 7 hours ago
RT [@MedEdChat](#): TOPIC 3: Can standardized patients accurately represent real life patient experiences? Does this change based on specialty?...



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago
[@MedEdChat](#) [#mededchat](#) T3 in my opinion the SPs in psychiatry representatives more of a real patient. It is not possible to depict or mimic physical findings in a standardized patient of IM [#meded](#)



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 hours ago
TOPIC 4: Does the NBME have a role in curation of OSCE's to be standardized across all medical schools? How does the discontinuation of [#USMLEStep2CS](#) impact this? [#MedEdChat](#) [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan](#) 7 hours ago
T4 Now we need [@jbcarmody](#) to chime in. He's always got great insights into [#USMLE](#) exams [#MedEdChat](#)



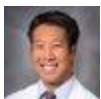
Michelle Knoll, MD [@PedsEndoChick](#) 7 hours ago
[@MedEdChat](#) This feels like it should fall more on the LCME to ensure their graduates meet a threshold of competence. I'm not a fan of giving the NBME any more money since they're clearly not helping students with it. [#MedEdChat](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 7 hours ago
T4 One does need to question if the NBME needs to be involved. There are studies from institution developed OSCEs demonstrating good validity evidence [#MedEdChat](#) <https://t.co/0qu3fNzXBO> <https://t.co/XRiyV08f4p>



Alliance4ClinEd [@Alliance4ClinEd](#) 7 hours ago
T4 What would the pro's and con's be of the NBME having a role in OSCEs at the school level? [#MedEdChat](#)



Matt Sakumoto [@MattSakumoto](#) 7 hours ago
[@MedEdChat](#) T3 My psych OSCE felt VERY real! [#mededchat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago
[@MedEdChat](#) [#mededchat](#) T4 it is a good thought. 25-27% of residency positions are filled by the IMGs. How can NBME can control OSCE requirements across the countries where most of the medical curricula are meant for preparing graduates for their country and NBME can't standardize their OSCEs



Gary Beck Dallaghan [@GLBDallaghan](#) 7 hours ago
[@ArjaSateesh](#) [@MedEdChat](#) T4 For IMGs, does the ECFMG incorporate an OSCE to better prepare for a US residency? [#MedEdChat](#)



Med Student Bot [@MedStudent_Bot](#) 7 hours ago
RT [@MedEdChat](#): TOPIC 4: Does the NBME have a role in curation of OSCE's to be standardized across all medical schools? How does the discon...



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RT [@GLBDallaghan](#): T4 Now we need [@jbcarmody](#) to chime in. He's always got great insights into [#USMLE](#) exams [#MedEdChat](#)



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 hours ago

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



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago

[@GLBDallaghan](#) [@MedEdChat](#) [#mededchat](#) T4 ECFMG doesn't need OSCE. ECFMG require clinical skills attestation by the Dean or by the designee of the Dean based on 3 mini-CEX patient encounters or equivalent evaluation [#medec](#)



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 hours ago

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



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 hours ago

That's a wrap...I will post the [#MedEdChat](#) transcript tomorrow morning on <https://t.co/mJivoK9NyX>. Thanks everyone for participating! [#meded](#)



Jen Kaminsky [@jen_kaminskyMD](#) 7 hours ago

RT [@MedEdChat](#): RT [@DSchatteMD](#) [#MedEdChat](#) T1 we use a formative OSCE in our first course of med school - META - 4 weeks into school. Student...



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 [@MedStudent_Bot](#) 6.9K

 [@Alliance4ClinEd](#) 3.7K

 [@MattSakumoto](#) 3.0K

 [@AriaSateesh](#) 1.8K

 [@PedsEndoChick](#) 1.5K

 [@Jeanmb47](#) 328.0

 [@jen_kaminskyMD](#) 263.0

The Numbers

184.511K Impressions

57 Tweets

10 Participants

7 Avg Tweets/Hour

6 Avg Tweets/Participant

Twitter data from the [#MedEdChat](#) hashtag from Thu, November 11th 2021, 9:05PM to Fri, November 12th 2021, 4:55AM (America/New_York) – Symplur.