The following links were shared during the chat:

- Examiner Effect on the Objective Structured Clinical Exam - A Study at Five Medical Schools
  [https://bmcmededuc.biomedcentral.com/articles/10.1186/s12909-017-0908-1](https://bmcmededuc.biomedcentral.com/articles/10.1186/s12909-017-0908-1)
- The Creation of Standard-Setting Videos to Support Faculty Observations of Learner Performance and Entrustment Decisions
- Patterns of Direct Observation and Their Impact During Residency: General Practice Supervisors’ Views
- Guidelines: The Do’s, Don’ts and Don’t Knows of Direct Observation of Clinical Skills in Medical Education
  [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5630537/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5630537/)
- Developing Team Cognition: A Role for Simulation
  [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5510246/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5510246/)
- Assessing Preceptor Use of Cognitive Apprenticeship: Is the Maastricht Clinical Teaching Questionnaire (MCTQ) a Useful Approach?

---

**MedEd Chat**

@MedEdChat 9 hours ago
Welcome to the #mededchat (US) I am your moderator for the next hour @alliance4clined Shout out to @myheroistrane & crew for tonight’s topic! #meded

**MedEd Chat**

@MedEdChat 9 hours ago
The #mededchat topic & questions will be announced in a moment…for now, please introduce yourselves #meded

**MedEd Chat**

@MedEdChat 9 hours ago
If you are tuning in to the #mededchat, remember to use the #mededchat hashtag and try to answer with the Topic numbers (T1, T2, T3)

**Gary Beck Dallaghan**

@GLBDallaghan 9 hours ago
@MedEdChat Gary here in North Carolina #mededchat

**Jennifer K. Chen, MD FAAP**

@DrJenChen4kids 9 hours ago
@MedEdChat Hi, Jen Chen, #tweetiatrician in San Diego popping in and out depending on how busy it gets on call tonight! #MedEdChat

**MedEd Chat**

@MedEdChat 9 hours ago
We will assume that all of your tweets during #mededchat are your own during this hour unless otherwise stated #meded

**MedEd Chat**

@MedEdChat 9 hours ago
@DrJenChen4kids Glad you can join #mededchat

**MedEd Chat**

@MedEdChat 9 hours ago
T1 about to come up in a few moments #meded #mededchat
Liza Henry McDonald @DocLHenry Hey all, Liza from Chicago, oncology program director. Excited for my first #mededchat! May also be in/out. #OncMedEd

MedEd Chat @MedEdChat TOPIC 1: What effect and role does a faculty's own clinical skills play in the assessment of learners? #mededchat #meded

Kristina Dzara, PhD, MMSc @kristinadzara Hi #mededchat, Kristina here to lurk a bit tonight. Feeling a bit like this right now! MT @GLBDallaghan @hur2buzy @myheroistrane https://t.co/ok9pp5GnG3

Kristina Dzara, PhD, MMSc @kristinadzara RT @DocLHenry: @MedEdChat Hey all, Liza from Chicago, oncology program director. Excited for my first #mededchat! May also be in/out. #OncM…

Kristina Dzara, PhD, MMSc @kristinadzara RT @MayoFacDev: Join in on the #MedEd fun tonight at 9 PM Eastern/NYC to discuss #observation and #feedback on the #MedEdChat https://t.co/…

Gary Beck Dallaghan @GLBDallaghan @MedEdChat T1 Depending on the skill level, the assessment may be more critical or more lenient #mededchat

Kristina Dzara, PhD, MMSc @kristinadzara RT @MedEdChat: TOPIC 1: What effect and role does a faculty’s own clinical skills play in the assessment of learners? #mededchat #meded

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational T1. The faculty's own clinical skills play an important role in the assessment of learners. It could positively or negatively affect the assessment of learners in many ways. #mededchat #meded #ABIM

Shellie Asher, MD @SAsherMD T1: Faculty are more comfortable assessing skills where they themselves feel competent. Whether they actually are competent is another matter. Assessing faculty is a big gap in #MedEd. #MedEdChat

Dr. Meadow Maze Good, DO, FACOG @MeadowGood @MedEdChat #mededchat rocks! Meadow Good here from @UFHealthJax Urogynecology faculty teaching doctors to become awesome OB-gyns.
Alliance4ClinEd @Alliance4ClinEd 9 hours ago
@ImEducational @MedEdChat T1 How so? Could you explain your thoughts? #mededchat

Liza Henry McDonald @DocLHenry 9 hours ago
@MedEdChat I think most faculty focus on the skills they feel most proficient in. This may also bias the evaluation if the evaluator has a subjective view of what qualifies as proficient for the competency. #mededchat

Alliance4ClinEd @Alliance4ClinEd 8 hours ago
@DocLHenry @MedEdChat Do you think if learners apply the skill but not precisely as the proficient faculty member that they may still evaluate negatively? #mededchat

MedEdBot @MedEdBot 8 hours ago
RT @MedEdChat: TOPIC 1: What effect and role does a faculty’s own clinical skills play in the assessment of learners? #mededchat #meded

Jennifer K. Chen, MD FAAP @DrJenChen4kids 8 hours ago
@MedEdChat If an attending isn’t competent in the clinical skill (eg listening for a murmur or reading a XR), they probably can’t be a good judge of learners’ skills and may try to avoid assessing learners in that specific area. #MedEdChat

Shellie Asher, MD @SAsherMD 8 hours ago
@Alliance4ClinEd @DocLHenry @MedEdChat Or as precisely as the faculty member recalls that they did at that level of training... need to make sure faculty are educated to the goals/objectives of current learners, not basing evals on their own experiences. #mededchat

MedEd Chat @MedEdChat 8 hours ago
RT @SAsherMD: @Alliance4ClinEd @DocLHenry @MedEdChat Or as precisely as the faculty member recalls that they did at that level of training....

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational 8 hours ago
@Alliance4ClinEd @MedEdChat T1. Elaboration: If the faculty has poor interest in performing clinical exam, the learner could be discouraged to perform that especially if the faculty is their role model. But also can have an effect on how deep they learn, and on their evaluations! #mededchat#meded #ABIM

MedEd Chat @MedEdChat 8 hours ago
RT @ImEducational: @Alliance4ClinEd @MedEdChat T1. Elaboration: If the faculty has poor interest in performing clinical exam, the learner...

Gary Beck Dallaghan @GLBDallaghan 8 hours ago
T1 This is an interesting article about examiner effect in an OSCE https://t.co/Qu2zSz8WRT #mededchat
MedEd Chat @MedEdChat 8 hours ago
RT @GLBDallaghan: T1 This is an interesting article about examiner effect in an OSCE https://t.co/Qu2zSz8WRT #mededchat

MedEd Chat @MedEdChat 8 hours ago
TOPIC 2: How should direct observation guide supervision decisions of #medstudents and residents? #MedEdChat #meded

Shellie Asher, MD @SAsherMD 8 hours ago
RT @GLBDallaghan: T1 This is an interesting article about examiner effect in an OSCE https://t.co/Qu2zSz8WRT #mededchat

Liza Henry McDonald @DocLHenry 8 hours ago
@Alliance4ClinEd @MedEdChat Possibly. But I think the bias could be either positive or negative. If a trainee performs in a style similar to the evaluator, this may lead to a positive review without helpful feedback for the learner. #mededchat

John Lowry, Ph.D. @DrJohn58858 8 hours ago
RT @MedEdChat: Join us tonight at 9PM Eastern/NYC on #MedEdChat to discuss observation & feedback #meded @acgme @JournalofGMEhttps://t.co/…

Gary Beck Dallaghan @GLBDallaghan 8 hours ago
@MedEdChat T2 Direct observation would be the only way of knowing if you can truly trust the learner....right? #mededchat

MedEd Chat @MedEdChat 8 hours ago
RT @DocLHenry: @Alliance4ClinEd @MedEdChat Possibly. But I think the bias could be either positive or negative. If a trainee performs in a…

Alliance4ClinEd @Alliance4ClinEd 8 hours ago
RT @DocLHenry: @Alliance4ClinEd @MedEdChat Possibly. But I think the bias could be either positive or negative. If a trainee performs in a…

Jennifer K. Chen, MD FAAP @DrJenChen4kids 8 hours ago
@MedEdChat #MedEdChat T2 a story: I remember my first time suturing a lac in #PedsEM intern year (I had done a lot in med school). The attending watched me do the first 2-3 stitches, said “I can tell you know what you’re doing!” and left me to finish up, no problem

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational 8 hours ago
@MedEdChat T2. Direct observation, to supervisors, means much more than gathering information for purposes of feedback and assessment. Planned DO sessions are an important routine during the initiation phase of a training relationship. #mededchat #meded #ABIM #medstudents#Residents
Shellie Asher, MD @SAsherMD 8 hours ago @MedEdChat T2 Need to have #facdev and/or structured criteria to determine progression from direct supervision to indirect to independent practice. #mededchat

Alliance4ClinEd @Alliance4ClinEd 8 hours ago T2 "One approach to enhancing the reliability and validity of these assessments is to create videos that establish performance standards to train faculty observers" https://t.co/DSfU7CGDbC #mededchat

MedEd Chat @MedChat 8 hours ago RT @Alliance4ClinEd: T2 "One approach to enhancing the reliability and validity of these assessments is to create videos that establish per…

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational 8 hours ago @MedEdChat T2. Continued planned bidirectional DO sessions, although infrequently practised, potentially combine most benefits with least side-effects of DO. Ad hoc DO, although much relied upon, is often hampered by internal tensions in supervisors, residents or both. #mededchat #meded

Shellie Asher, MD @SAsherMD 8 hours ago @GLBDallaghan @MedEdChat Q: Can you trust someone else’s direct obs? Or does every faculty member need to observe every EPA, procedure, etc.? And if not, how is the learner’s competence communicated? #mededchat

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational 8 hours ago @MedEdChat T2. Resource of the answer above https://t.co/xwPyJuLmMK #mededchat #meded #ABIM #medstudents #Residents

Jennifer K. Chen, MD FAAP @DrJeChen4kids 8 hours ago @MedEdChat T2b: After 1-2 days watching them on rounds, I know which learners I can trust to do a lot on their own (including the senior) and which I need to double check myself (eg going back to examine kid in respiratory distress) #MedEdChat

Gary Beck Dallaghan @GLBDallaghan 8 hours ago @ImEducational @MedEdChat T2 How often are planned direct observation sessions done? It’s often times the medical school has to initiate and require direct observation on clerkships. #mededchat

Liza Henry McDonald @DocLHenry 8 hours ago @MedEdChat This becomes interesting at the fellowship level, bc trainees are presumed to have a certain skill set before they start. There is an assumed level of independence that we are building upon. #mededchat
RT @ImEducational: @MedEdChat T2. Resource of the answer above https://t.co/xwPyJuLmMK #mededchat #meded #ABIM #medstudents#Residents

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational8 hours ago @GLBDallaghan @MedEdChat T2. Totally agree Dr. Dallaghan It often has to be initiated before hand by the medical school. #mededchat

Gary Beck Dallaghan @GLBDallaghan8 hours ago @DocLHenry @MedEdChat T2 When a new fellow starts do you feel you can implicitly trust the program from which that fellow graduated? Or do you feel a need to assess their skill set? #mededchat

TOPIC 3: What is the proper frame of reference to judge a learner-patient encounter? #MedEdChat #meded

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational8 hours ago @MedEdChat T3: High frequency, high quality direct observation of clinical skills can be challenging. These guidelines offer important evidence-based Do's and Don'ts that can help improve the frequency and quality of direct observation. #mededchat #meded #ABIM

Alliance4ClinEd @Alliance4ClinEd8 hours ago @MedEdChat T3 The most proper frame is to consider where the learner is in his/her stage of training. #mededchat

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational8 hours ago @MedEdChat T3. Improving direct observation requires focus not just on individual supervisors and their learners, but also on the organizations and cultures in which they work and train. #mededchat #meded #ABIM

Liza Henry McDonald @DocLHenry8 hours ago @GLBDallaghan @MedEdChat T2 there's primarily trust. Because each class is small (4/yr) we try to suss this all out during recruiting. It usually becomes evident fairly early if someone is missing fundamentals. #mededchat

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational8 hours ago @MedEdChat T3. Additional research to address the Don’t Knows can help educators realize the full potential of direct observation in competency-based education. Resource: https://t.co/4tEaYLzop1 #mededchat #meded #ABIM

Jennifer K. Chen, MD FAAP @DrJenChen4kids8 hours ago @MedEdChat #MedEdChat T3: Depends on the learner and the situation...I try to compare both to where I expect the learner to be at that level of training AND what they should be able to do as a future attending (so they have a more concrete goal to work toward)
Liza Henry McDonald @DocLHenry 8 hours ago
RT @ImEducational: @MedEdChat T3. Additional research to address the Don’t Knows can help educators realize the full potential of direct ob…

MedEd Chat @MedEdChat 8 hours ago
RT @ImEducational: @MedEdChat T3. Additional research to address the Don’t Knows can help educators realize the full potential of direct ob…

Alliance4ClinEd @Alliance4ClinEd 8 hours ago
RT @ImEducational: @MedEdChat T3. Additional research to address the Don’t Knows can help educators realize the full potential of direct ob…

Shellie Asher, MD @SAsherMD 8 hours ago
RT @ImEducational: @MedEdChat T3. Additional research to address the Don’t Knows can help educators realize the full potential of direct ob…

MedEd Chat @MedEdChat 8 hours ago
TOPIC 4: How can we help faculty develop shared mental representations/models of highly effective clinical skills? #MedEdChat #meded #facdev

Gary Beck Dallaghan @GLBDallaghan 8 hours ago
@DrJenChen4kids @MedEdChat T3 What if it is unclear to you where the learner should be? What if it is a student who had to take a leave and joined in the middle of the year? Would you assume because of the time of year that this student should be more advanced? #mededchat

Alliance4ClinEd @Alliance4ClinEd 8 hours ago
RT @GLBDallaghan: @DrJenChen4kids @MedEdChat T3 What if it is unclear to you where the learner should be? What if it is a student who had t…

ShereeseM, MS/MBA @ShereesePubHlth 8 hours ago
RT @MedEdChat: TOPIC 4: How can we help faculty develop shared mental representations/models of highly effective clinical skills? #MedEdCha…

Gary Beck Dallaghan @GLBDallaghan 8 hours ago
@MedEdChat T4 Rule of thumb for any evaluation or assessment is to train the evaluators. All too often faculty get handed an evaluation to complete on a learner with no training on the instrument. #mededchat

Alliance4ClinEd @Alliance4ClinEd 8 hours ago
RT @GLBDallaghan: @MedEdChat T4 Rule of thumb for any evaluation or assessment is to train the evaluators. All too often faculty get handed…
Team cognition plays a critical role in team effectiveness and performance outcomes, yet is poorly studied in healthcare. #MedEdChat #meded #ABIM

RT Abhay Dandekar @abhaydandekar Replying to @MedEdChat T4: through a deep understanding (through many representations) of both the baseline expected outcomes and the pathways to achieve and exceed these. #MedChat

RT @ImEducational: @MedEdChat T4. Team cognition plays a critical role in team effectiveness and performance outcomes, yet is poorly studi...

Simulation-based training provides experiential opportunities for development of team cognition that may build upon, or even replace, actual clinical experience. #MedEdChat #meded #ABIM

As with any scientific endeavor, we recommend that clinicians, educators, simulation experts partner with experts in team science to develop robust approaches to simulation-based training that targets team cognition constructs.

As with any scientific endeavor, we recommend that clinicians, educators, simulation experts partner with experts in team science to develop robust approaches to simulation-based training that targets team cognition constructs. Resource: https://t.co/YdV5nRSDiM #mededchat

Great point - I believe the answer is no- time should not be a factor when addressing outcomes as the observed skills may exist independent of the training time @MedEdChat #MedEd #MedEdChat

At the beginning of service, I ask how much peds experience the learner has. We have family med residents rotating year-round so April might be their first time on inpatient peds since MS3 year! #MedEdChat

As with any scientific endeavor, we recommend that clinicians, educators, simulation experts partner with…
Shellie Asher, MD @SAsherMD 8 hours ago @abhaydandekar @GLBDallaghan @DrJenChen4kids @MedEdChat In which case #meded would have to be truly competency-based... not “can you do this in X number of years,” but “this is what you need to do to move to the next level, regardless of how much time it takes.” #mededchat

Liza Henry McDonald @DocLHenry 8 hours ago @ImEducational @MedEdChat T4 Do others on here provide opportunities for faculty to periodically train on same simulators as the trainees? #mededchat

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

Jennifer K. Chen, MD FAAP @DrJenChen4kids 8 hours ago @GLBDallaghan @MedEdChat Maybe it would be helpful for faculty to view videos of good” vs “bad” learner performance and have to score it just as they might when observing an OSCE or patient encounter - it’s hard to do in real time! #MedEdChat T4

Abhay Dandekar @abhaydandekar 8 hours ago @DrJenChen4kids @GLBDallaghan @MedEdChat So important to understand context and staging of the learner’s foundation #MedEdChat#MedEd

Gary Beck Dallaghan @GLBDallaghan 8 hours ago T4 This article just came out in @TLMedEd https://t.co/VD8BsJaZCm #mededchat

MedEd Chat @MedEdChat 8 hours ago RT @GLBDallaghan: T4 This article just came out in @TLMedEd https://t.co/VD8BsJaZCm #mededchat

MedEd Chat @MedEdChat 8 hours ago RT @DrJenChen4kids: @GLBDallaghan @MedEdChat Maybe it would be helpful for faculty to view videos of good” vs “bad” learner performance…

BEST Study Group, Internal Medicine (BSGIM) Boards @ImEducational 8 hours ago @MedEdChat #Thanks so very much to all who contribute to #MedEd and #mededchat to bring in and discuss what we need to discuss to make better doctors! #ABIM #Doctoring #Doctors

MedEd Chat @MedEdChat 8 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 @MedEdChat 8 hours ago
That's a wrap...I will post the #mededchat transcript tomorrow morning on https://t.co/mJivoK9NyX on the Resources page. Thanks everyone for participating! #meded

MedEdBot @MedEdBot 7 hours ago
RT @MedEdChat: Join us again next week at 9 pm Thursday. Don't forget to suggest topics by DM or email #meded #mededchat

MedEdBot @MedEdBot 7 hours ago
RT @MedEdChat: That's a wrap...I will post the #mededchat transcript tomorrow morning on https://t.co/mJivoK9NyX on the Resources page. Tha...

Teresa Hartman @thartman2u 7 hours ago
RT @MedEdChat: That's a wrap...I will post the #mededchat transcript tomorrow morning on https://t.co/mJivoK9NyX on the Resources page. Tha...

Teresa Hartman @thartman2u 7 hours ago
RT @GLBDallaghan: T4 This article just came out in @TLMedEd https://t.co/VD8BsJaZCm #mededchat

Teresa Hartman @thartman2u 7 hours ago
RT @GLBDallaghan: T1 This is an interesting article about examiner effect in an OSCE https://t.co/Qu2zSz8WRT #mededchat

Miranda Huffman, MD, MEd @mirandahuffman 7 hours ago
@MedEdChat T4: Missed the chat tonight, but want to add the point that we need continued research on what highly effective clinical skills are. Can't rely on expert opinion alone. #MedEdChat

Miranda Huffman, MD, MEd @mirandahuffman 7 hours ago
@MedEdChat T1: would also ask if a faculty is not skilled in this area, is it really worth teaching and assessing? If you can successfully doctor without it? #MedEdChat

David Lee Scher, MD @dlschermd 7 hours ago
@MGastorf @DrGRuralMD Better to sometimes recognize that something isn't right than to wait till you know exactly what it is. This is a skill that needs taught. #MedEdChat

Joelle Donofrio, DO @PEMEMS 6 hours ago
RT @DrJenChen4kids: @MedEdChat If an attending isn't competent in the clinical skill (eg listening for a murmur or reading a XR), they prob...

المرزوقي سمير هاشم @almarzouki 783 hours ago
RT @Alliance4ClinEd: T2 "One approach to enhancing the reliability and validity of these assessments is to create videos that establish per…
Mona Al AIsheikh @MonaAlSheikh2 hours ago
RT @Alliance4ClinEd: T2 "One approach to enhancing the reliability and validity of these assessments is to create videos that establish per…

TheSpeakingScalpel @DrSaurav5 an hour ago
मैं suture नहीं काट सकता तेरा phone क्या काटता Rant of a first year surgery resident #surgery #MedEdChat #thespeakingscqlpel