

## 2021-10-14: Necessary Skills Required for Clinical Rotations

The following links were shared during the chat:

- [What to Consider When Preparing for Clinical Clerkships? \(windsor.edu\)](#)
- [The AAMC Project on the Clinical Education of Medical Students \(aamc.org\)](#)
- [Core curriculum guidelines for a required clinical neurology experience - PubMed \(nih.gov\)](#)
- [The ADMSEP Milestones Project - PubMed \(nih.gov\)](#)
- [Jacques Pépin says following a recipe can lead to disaster - YouTube](#)



**MedEd Chat (hosted by ACE)** [@MedEdChat](#) 8 hours ago

TOPIC 1: What aspects of required clinical rotations do students struggle with the most? [#MedEdChat](#) [#meded](#)



**Rachel Salas MD, MEd** [@RachelSalasMD](#) 8 hours ago

Rachel in Baltimore MD [@HopkinsMedicine](#) <https://t.co/jXQ7Mbs9dK>



**Gary Beck Dallaghan** [@GLBDallaghan](#) 8 hours ago

T1 The one thing I always saw students struggle with was time management....balancing clinical responsibilities with studying [#MedEdChat](#)



**Sateesh Arja, M.B.B.S., MHPE, MSPH** [@ArjaSateesh](#) 8 hours ago

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



**Katie Huggett, PhD** [@MedEdKatie](#) 8 hours ago

Katie in Vermont [#MedEdChat](#)



**Rachel Salas MD, MEd** [@RachelSalasMD](#) 8 hours ago

T1: studying for the NBME - especially in shorter cores like [#Neurology](#) - not enough time to balance clinical and studying is why I hear the most [#MedEdChat](#) [#meded](#) increases [#nerophobia](#) [@FurrStimming](#) [@DorisKung3](#) [@Neurotwitter](#)



**Rachel Salas MD, MEd** [@RachelSalasMD](#) 8 hours ago

[#MedEdChat](#) [#meded](#)



**Rachel Salas MD, MEd** [@RachelSalasMD](#) 8 hours ago

[@KoriPoRodri](#) [@KoretzkyMaya](#) [@caraplott](#) [@margopeyton](#) [@AndrewLea](#) [@sevakhambadkone](#) [#MedEdChat](#) [#meded](#) <https://t.co/1nCpNiosEK>



**Katie Huggett, PhD** [@MedEdKatie](#) 8 hours ago

T1: decoding expectations from one clerkship to the next [#MedEdChat](#)



**Alliance4ClinEd** [@Alliance4ClinEd](#) 8 hours ago

T1 This blog post has good pearls of wisdom for [#medstudents](#)...and hits on some of those areas that may be a struggle on clinical assignments <https://t.co/Obd31o3BdV> [#MedEdChat](#)



**Rachel Salas MD, MEd** [@RachelSalasMD](#) 8 hours ago

<https://t.co/DHnW32MA0U>



**MedEd** [@TelehealthBot](#) 8 hours ago

RT [@RachelSalasMD](#): [#MedEdChat](#) [#meded](#) <https://t.co/8GiENZuOxZ>



**MedEd Chat (hosted by ACE)** [@MedEdChat](#) 8 hours ago

RT [@MedEdKatie](#): T1: decoding expectations from one clerkship to the next [#MedEdChat](#)



**Sateesh Arja, M.B.B.S., MHPE, MSPH** [@ArjaSateesh](#) 8 hours ago

[@MedEdChat](#) [#mededchat](#) T1 I see problem with clinical reasoning. students should be able to apply practice-based learning & evidence-based medicine principles in patient care. When EBM can't explain, the students should be able to use pathophysiology to explain clinical reasoning [#meded](#)



**Alliance4ClinEd** [@Alliance4ClinEd](#) 8 hours ago

[@ArjaSateesh](#) [@MedEdChat](#) T1 Is this something you feel they should be able to do prior to starting clinical rotations? Or something to be honed throughout the year? [#MedEdChat](#)



**MedEdBot** [@MedEdBot](#) 8 hours ago

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



**MedEdBot** [@MedEdBot](#) 8 hours ago

RT [@MedEdChat](#): TOPIC 1: What aspects of required clinical rotations do students struggle with the most? [#MedEdChat](#) [#meded](#)



**MedEdBot** [@MedEdBot](#) 8 hours ago

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



**MedEdBot** [@MedEdBot](#) 8 hours ago

RT [@RachelSalasMD](#): T1: studying for the NBME - especially in shorter cores like [#Neurology](#) - not enough time to balance clinical and studyi...



**MedEdBot** @MedEdBot8 hours ago  
RT @RachelSalasMD: #MedEdChat #meded <https://t.co/8GiENZuOxZ>



**Gary Beck Dallaghan** @GLBDallaghan8 hours ago  
@MedEdKatie T1 Do you think having some standardization across clinical clerkships would help? #MedEdChat



**Sateesh Arja, M.B.B.S., MHPE, MSPH** @AriaSateesh8 hours ago  
@Alliance4ClinEd @MedEdChat #mededchat T1 this is a skill that should be developed throughout the medical education. Starting from semester one in all courses especially clinical skills, physiology, pathology and pharmacology. And should be continued through clerkships #meded



**MedEd Chat (hosted by ACE)** @MedEdChat8 hours ago  
TOPIC 2: What do you do to ensure students have minimum clinical skills to do required clinical rotations? #MedEdChat #meded



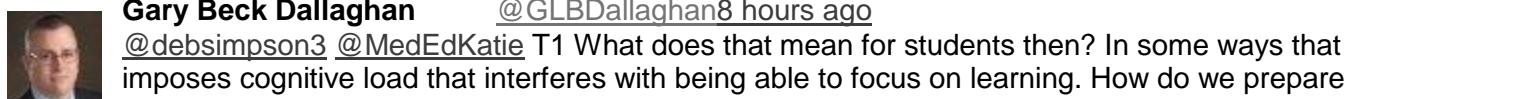
**Alliance4ClinEd** @Alliance4ClinEd8 hours ago  
T2 Waaayyy back in 2003 ACE contributed to a white paper on clinical skills recommendations....makes me wonder how and if these recommendations were applied <https://t.co/EBJpvY3oeJ> #MedEdChat



**Deb Simpson** @debsimpson38 hours ago  
@MedEdKatie So true @MedEdKatie. Think about changing jobs - have to figure out the adls as geriatricians say. Where do I park? Store my backpack? Expectations? Yes that is learning yet just not the top top priority competencies #mededchat



**MedEd Chat (hosted by ACE)** @MedEdChat8 hours ago  
RT @AriaSateesh #mededchat T2 of course students should be able to master or acquire at least required skills in clinical skills lab in the first two years before clerkships. A mini-OSCE before third year and starting clinical clerkships is worth it #meded



**Gary Beck Dallaghan** @GLBDallaghan8 hours ago  
@debsimpson3 @MedEdKatie T1 What does that mean for students then? In some ways that imposes cognitive load that interferes with being able to focus on learning. How do we prepare students for that BEFORE they start? #MedEdChat



**Deb Simpson** @debsimpson38 hours ago  
T2 we must delineate across the U.S. the minimal competencies/performances that all students must demonstrate? Why is it school dependent? Students go to #gme programs all over the country!! #MedEdChat



**Katie Huggett, PhD** [@MedEdKatie](#) 8 hours ago

#MedEdChat T2: any new exemplar transition to clerkship courses? #MedEd



**Alliance4ClinEd** [@Alliance4ClinEd](#) 8 hours ago

@debsimpson3 T2 So true. @admsep and CNCD have published competency expectations for students. Sure others have these but didn't find them in a quick search. <https://t.co/uqMMGwUNw9> <https://t.co/62ALNp60Qy> #MedEdChat



**Sateesh Arja, M.B.B.S., MHPE, MSPH** [@ArjaSateesh](#) 8 hours ago

@debsimpson3 #mededchat T2 I agree. EPA's can be a good guide for this #meded



**Deb Simpson** [@debsimpson3](#) 8 hours ago

@MedEdKatie Puzzled. Why do we need transition courses. Isn't that what #meded should be preparing students for all along? #mededchat



**Alliance4ClinEd** [@Alliance4ClinEd](#) 8 hours ago

@MedEdKatie T2 Great question. Not sure if I've ever seen any of these courses published as innovations. #MedEdChat



**Gary Beck Dallaghan**

[@GLBDallaghan](#) 8 hours ago

@debsimpson3 @MedEdKatie T2 You know why. The phases of the curriculum are still so siloed that the transition is amorphous #MedEdChat



**MedEd Chat (hosted by ACE)** [@MedEdChat](#) 8 hours ago

TOPIC 3: If students do not achieve the minimum competency threshold, do you delay starting the clinical rotations? If so, how long? #MedEdChat #meded



**Katie Huggett, PhD** [@MedEdKatie](#) 8 hours ago

@ArjaSateesh T2: Agree. Much to learn from CBE and Competency Based Assessment. #MedEd #MedEdChat



**Deb Simpson** [@debsimpson3](#) 8 hours ago

@Alliance4ClinEd @MedEdKatie Ahh not sure these are innovations. What is innovative about preparing students to be valuable, contributing members of a clinical team. Ohh because we don't yet really do it?? #mededchat



**Sateesh Arja, M.B.B.S., MHPE, MSPH** [@ArjaSateesh](#) 8 hours ago

@MedEdChat #mededchat T3 these issues should be addressed by remediation programs. DOCS is keen on remediation & we have a special interest group on this. Delayed clerkships is one aspect but we should be able to identify underperforming learners in advance and enroll them in remediation



**Katie Huggett, PhD** [@MedEdKatie](#) 8 hours ago

T3: teaching skills but what about adaptive expertise? #MedEd #MedEdChat



**Alliance4ClinEd** [@Alliance4ClinEd](#) 8 hours ago

T3 This question makes me wonder who's responsibility is it to ensure clinical skills are mastered? Do they need to be prior to beginning clinical placements? #MedEdChat



**MedEd Chat (hosted by ACE)** [@MedEdChat](#) 8 hours ago

RT @MedEdKatie: @debsimpson3 T3: teaching skills but what about adaptive expertise? #MedEd #MedEdChat



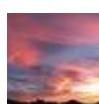
**Deb Simpson** [@debsimpson](#) 38 hours ago

@MedEdChat Easy answer "no". We need the performance expectations to have honor to care for patients to be clear and met. Why is this so hard? Airline pilots must meet standards. We too meet this public trust. #mededchat



**Gary Beck Dallaghan** [@GLBDallaghan](#) 8 hours ago

@ArjaSateesh @MedEdChat T3 Has DOCS produced recommendations about how to better integrate clinical skills and clinical reasoning into the basic science curriculum? #MedEdChat



**Paul Haidet** [@myheroistrane](#) 8 hours ago

"A recipe is a teaching tool, a guide, a point of departure..." students need to know the recipe (history template and basic clinical reasoning) to go on wards, then need to apply it with some basic nuance by the time they exit. #mededchat <https://t.co/HC8LfnN39b>



**MedEd Chat (hosted by ACE)** [@MedEdChat](#) 8 hours ago

RT @myheroistrane: "A recipe is a teaching tool, a guide, a point of departure..." students need to know the recipe (history template and bas...



**Deb Simpson** [@debsimpson](#) 38 hours ago

@MedEdKatie Go point but is adaptive after basic competence? Thinking #adaptiveexpertise comes after competent and expert? #mededchat



**Sateesh Arja, M.B.B.S., MHPE, MSPH** [@ArjaSateesh](#) 8 hours ago

@GLBDallaghan @MedEdChat #mededchat T3 I am not sure about this. But I know that they have two special interest groups now. One is in clinical skills remediation programs and other one is for clinical skills assessments after the cancellation of Step 2 CS #meded

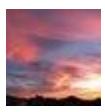


**Gary Beck Dallaghan** [@GLBDallaghan](#) 8 hours ago

@debsimpson3 @MedEdChat T3 If that is the case, then why is it that all too often students are passed through without achieving some minimum competence? I've seen it happen and had students on the clerkship like that a lot #MedEdChat

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**Paul Haidet** [@myheroistrane](#) 7 hours ago



@GLBDallaghan @AriaSateesh @MedEdChat I think it should be in every organ block we do, AND... every test should have as fair game everything that came before, e.g., if you teach hematology first, then cardiovascular, then the CV test could have on it a tachycardic patient that turned out to be anemic. [#mededchat](#)

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



RT [@myheroistrane](#): @GLBDallaghan @AriaSateesh @MedEdChat I think it should be in every organ block we do, AND... every test should have as fa...

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**Gary Beck Dallaghan** [@GLBDallaghan](#) 7 hours ago



@myheroistrane @AriaSateesh @MedEdChat T3 Amen. I've been saying that for years. I could never get the faculty or curriculum committee to agree to it. Why is that? [#MedEdChat](#)

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



TOPIC 4: Once students are on clinical placements and perform poorly, what steps do you take to improve their clinical skills? [#MedEdChat](#) [#meded](#)

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**Deb Simpson** [@debsimpson](#) 7 hours ago



@GLBDallaghan @MedEdChat It's ROI. Who do we reward. Faculty who don't progress students (more documentation, mtgs, appear before academic standing, poor teaching Evals) or faculty who pass. Our clinics faculty are tired and toasted per [#Wellbeing](#) and [#COVID19](#). [#mededchat](#)

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**Gary Beck Dallaghan** [@GLBDallaghan](#) 7 hours ago



T4 I'm curious about this question. I have not really heard of pulling students out of clinical rotations to practice skills. Anyone? [#MedEdChat](#)

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**Katie Huggett, PhD** [@MedEdKatie](#) 7 hours ago



T4: Isn't it both steps and structures/system that need attention? [#MedEd](#) [#MedEdChat](#)

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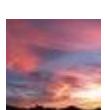
**MedEd Chat (hosted by ACE)** [@MedEdChat](#) 7 hours ago



@MedEdKatie T4 What would that look like? Do you have the system and steps at Vermont? [#MedEdChat](#)

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**Paul Haidet** [@myheroistrane](#) 7 hours ago



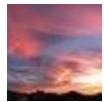
@MedEdChat Q4: Ericsson's deliberate practice model might help. Questions to ask: 1) does the student have adequate mental representations? 2) do they have the affordances to practice? 3) are they practicing, and why or why not? [#mededchat](#)

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



RT [@myheroistrane](#): @MedEdChat Q4: Ericsson's deliberate practice model might help. Questions to ask: 1) does the student have adequate men...



**Paul Haidet** [@myheroistrane](#) 7 hours ago  
[@debsimpson3](#) [@GLBDallaghan](#) [@MedEdChat](#) Every system perfectly designed to get exactly the results it gets. [#mededchat](#)



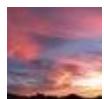
**Katie Huggett, PhD** [@MedEdKatie](#) 7 hours ago  
[@MedEdChat](#) T4: Just building on [@GLBDallaghan](#) astute comment that rigid schedules can make it challenging for skill building pauses [#MedEdChat](#)



**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](#)



**Lonika Sood, MBBS MHPE** [@sood\\_lonika](#) 7 hours ago  
[@MedEdChat](#) T4: target specific skills, provide coaching, simulation, test- just an example [#mededchat](#)



**Paul Haidet** [@myheroistrane](#) 7 hours ago  
Final thought: if u think about it, clinical skills should be our core focus. Everything else should be in service of that. [#MedEdChat](#)



**Katie Huggett, PhD** [@MedEdKatie](#) 7 hours ago  
[@sood\\_lonika](#) t4: excellent reminder of value of coaching! [#MedEdChat](#) [#MedEd](#)



**Deb Simpson** [@debsimpson3](#) 7 hours ago  
[@myheroistrane](#) [@GLBDallaghan](#) [@MedEdChat](#) Let redesign [#meded](#) !! That's what I like to think about at end of long day. We have the [#adaptiveexpert](#). Let's do it. [#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](#)



**MedEd Chat (hosted by ACE)** [@MedEdChat](#) 7 hours ago  
We will be off on Oct 21st. Join us again on the 28th for another chat. Don't forget to suggest topics by DM or email [#meded](#) [#MedEdChat](#)



**Sateesh Arja, M.B.B.S., MHPE, MSPH** [@ArjaSateesh](#) 7 hours ago  
RT [@ArjaSateesh](#): [@debsimpson3](#) [#mededchat](#) T2 I agree. EPA's can be a good guide for this [#meded](#)



**Lonika Sood, MBBS MHPE** [@sood\\_lonika](#) 7 hours ago  
[@Alliance4ClinEd](#) [@debsimpson3](#) [@admsep](#) I don't think [@AAIMOnline](#) has published these although I maybe wrong. 100% concur... very weird that it is school dependent...[#mededchat](#)



**Med Student Bot** [@MedStudent\\_Bot](#) 7 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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**Teresa Hartman \*COVIDisAirborne\*** [@thartman2u](#) 7 hours ago

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**Doc Jim** [@DocJim123](#) 7 hours ago

RT [@myheroistrane](#): Final thought: if u think about it, clinical skills should be our core focus. Everything else should be in service of th...

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[@ArjaSateesh](#) 75



[@GLBDallaghan](#) 69



[@MedEdKatie](#) 67



[@Alliance4ClinEd](#) 52



[@myheroistrane](#) 52



[@admsep](#) 26



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## Prolific Tweeters



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[@RachelSalasMD](#) 5



[@myheroistrane](#) 5



[@MedStudent\\_Bot](#) 3

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[@GLBDallaghan](#) 14.4K



[@RachelSalasMD](#) 14.1K



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[@debsimpson3](#) 7.8K



[@Alliance4ClinEd](#) 4.4K



[@MedEdKatie](#) 3.0K



[@thartman2u](#) 2.7K



[@TelehealthBot](#) 2.6K

## The Numbers



Twitter data from the [#MedEdChat](#) hashtag from Thu, October 14th 2021, 9:05PM to Fri, October 15th 2021, 5:10AM (America/New\_York) – Symplur.