

2019-02-21: Predicting Success in the Clerkships

The following links were shared during the chat:

- Critical thinking: change during medical school and relationship to performance in clinical clerkships <https://onlinelibrary.wiley.com/doi/abs/10.1046/j.1365-2923.1998.00701.x>
- Predictors of medical school clerkship performance: a multispecialty longitudinal analysis of standardized examination scores and clinical assessments <https://bmcmededuc.biomedcentral.com/articles/10.1186/s12909-016-0652-y>
- Academic Performance on First-Year Medical School Exams: How Well Does It Predict Later Performance on Knowledge-Based and Clinical Assessments? <https://www.tandfonline.com/doi/abs/10.1080/10401334.2016.1259109>
- Predictors of medical student success on the surgery clerkship <https://www.sciencedirect.com/science/article/pii/S0002961018306007>
- Are Scores From NBME Subject Examinations Valid Measures of Knowledge Acquired During Clinical Clerkships? <https://www.ingentaconnect.com/content/wk/acm/2017/00000092/00000006/art00047>
- The Basic Role of Basic Science <https://link.springer.com/article/10.1007/s10459-012-9394-8>
- Management Reasoning: Beyond the Diagnosis <https://jamanetwork.com/journals/jama/fullarticle/2681495>



MedEd Chat @MedEdChat 9 hours ago

Welcome to the [#mededchat](#) (US) I am your moderator for the next hour [@alliance4clined](#) [#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)



MedEd Chat @MedEdChat 9 hours ago

While we wait for the [#mededchat](#) to begin, please introduce yourself!



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](#)



Gary Beck Dallaghan @GLBDallaghan 9 hours ago

[@MedEdChat](#) Gary here in Washington DC this week! [#mededchat](#)



The Tech Officer @thetechofficer 9 hours ago

I'm joining for the first time. Looking forward to learning. RT [@MedEdChat](#): Welcome to the [#mededchat](#) (US) I am your moderator for the next hour [@alliance4clined](#) [#meded](#)



MedEd Chat [@MedEdChat](#) 9 hours ago

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



Jake Prunuske, MD, MSPH [@jprunuske](#) 9 hours ago

Jake Prunuske, Assistant Dean for Clinical Learning and Associate Professor of Family & Community Medicine at Medical College of Wisconsin [#mededchat](#)



MedEd Chat [@MedEdChat](#) 9 hours ago

TOPIC 1: What does it mean to be a successful clerkship student? [#mededchat](#) [#meded](#)



Lisa || AlphaVert [@Lisa03755](#) 9 hours ago

RT [@thetechofficer](#): I'm joining for the first time. Looking forward to learning. RT [@MedEdChat](#): Welcome to the [#mededchat](#) (US) I am your...



Alliance4ClinEd [@Alliance4ClinEd](#) 9 hours ago

[@MedEdChat](#) T1 Beginning to apply medical knowledge and demonstrating compassion to patients are a good starting point [#mededchat](#)



Sateesh Arja, MD, MPH [@ArjaSateesh](#) 9 hours ago

[@MedEdChat](#) [#mededchat](#) T1 As long as student achieves the learning objectives/outcomes which are intended to achieve, can call a successful clerkship student. Of course learning objectives differ from one clerkship to another clerkship [#meded](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 9 hours ago

A1: Personal & [#professional](#) growth in all domains of competence, learning from failure/errors, meeting patient and team needs. [#MedEdChat](#)



Gary Beck Dallaghan [@GLBDallaghan](#) 9 hours ago

[@ArjaSateesh](#) [@MedEdChat](#) T1 I agree with what you say, but isn't it more than just meeting those objectives? [#mededchat](#)



The Tech Officer [@thetechofficer](#) 8 hours ago

RT [@Alliance4ClinEd](#): [@MedEdChat](#) T1 Beginning to apply medical knowledge and demonstrating compassion to patients are a good starting point [#mededchat](#)



The Tech Officer [@thetechofficer](#) 8 hours ago

RT [@ArjaSateesh](#): [@MedEdChat](#) [#mededchat](#) T1 As long as student achieves the learning objectives/outcomes which are intended to achieve, can call a successful clerkship student. Of course learning objectives differ from one clerkship to another clerkship [#meded](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

RT [@jprunuske](#): A1: Personal & [#professional](#) growth in all domains of competence, learning from failure/errors, meeting patient and team nee...



Jonathan Lim [@JonLimMD](#) 8 hours ago

Chief Resident at BCM! Looking forward to learning more about perspectives on the clerkship! [#mededchat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

[@GLBDallaghan](#) [@ArjaSateesh](#) [@MedEdChat](#) student perspective = Honors [#MedEdChat](#)



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

[@jprunuske](#) [@ArjaSateesh](#) [@MedEdChat](#) T1 HA! That is so true! [#mededchat](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

T1: a clerkship student should advance patient care skills including patient communication, assessment, clinical reasoning, and integration into the interprofessional team [#mededchat](#)



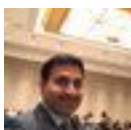
Stephanie Zhou, MD, MSc [@stephanieyzhou](#) 8 hours ago

[@MedEdChat](#) It doesn't matter if you can't answer questions when pimpled, it's about your work ethic, how you contribute to the team, and how you treat patients. Knowledge comes with time, but try to preserve your empathy in clerkship [#mededchat](#) [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@JonLimMD](#): T1: a clerkship student should advance patient care skills including patient communication, assessment, clinical reasoning, a...



Sateesh Arja, MD, MPH [@ArjaSateesh](#) 8 hours ago

[@GLBDallaghan](#) [@MedEdChat](#) [#mededchat](#) agree with you. It is not about just meeting the objectives. Always looking for excellence. T1 [#meded](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

[@stephanieyzhou](#) [@MedEdChat](#) T1 [#mededchat](#) How would you convert these into a grade? That seems to be what [#medstudents](#) consider to be success



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

T1 Working well with the team is critical: residents, other students, nurses, the janitor... everyone. [@AAMCMedStudent](#) [#mededchat](#)



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@MedEdChat](#) [#mededchat](#) T1: From the perspective of being a student not too long ago, my goals each rotation were to feel comfortable talking to/examining patients, maybe do some procedures, get through shelf exam, and hopefully not get too lost in each new hospital!



MedEdBot [@MedEdBot](#) 8 hours ago

RT [@MedEdChat](#): TOPIC 1: What does it mean to be a successful clerkship student? [#mededchat](#) [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@jprunuske](#): T1 Working well with the team is critical: residents, other students, nurses, the janitor... everyone. [@AAMCMedStudent](#) [#med...](#)



Shellie Asher, MD [@SAsherMD](#) 8 hours ago

[@MedEdChat](#) T1 paying attention to instructions, responding appropriately to feedback, asking good questions. [#mededchat](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

T1: I think successful clerkship students are able to self-assess, intentional about skills they seek to improve, and participate/respond to coaching. [#mededchat](#)



Emily Shaffer [@DrMissWV](#) 8 hours ago

A1: I actually think that the secret to being a “successful” clerkship student is actually figuring out what that means during each rotation to your respective preceptors. Perceptions of what constitutes “success” vary. You must learn what’s expected & adapt! [#mededchat](#) [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@JonLimMD](#): T1: I think successful clerkship students are able to self-assess, intentional about skills they seek to improve, and partici...



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

RT [@JonLimMD](#): T1: I think successful clerkship students are able to self-assess, intentional about skills they seek to improve, and partici...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

We're eliminating grades... reporting competencies in the [#MSPE](#). More useful than grades. [#mededchat](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

RT [@DrMissWV](#): A1: I actually think that the secret to being a “successful” clerkship student is actually figuring out what that means durin...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@DrMissWV](#): A1: I actually think that the secret to being a “successful” clerkship student is actually figuring out what that means durin...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@JonLimMD](#): T1: I think successful clerkship students are able to self-assess, intentional about skills they seek to improve, and partici...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@SAsherMD](#): [@MedEdChat](#) T1 paying attention to instructions, responding appropriately to feedback, asking good questions. [#mededchat](#)



The Tech Officer [@thetechofficer](#) 8 hours ago

I fully agree. [#teamwork](#) [#MedEd](#) RT [@jprunuske](#): T1 Working well with the team is critical: residents, other students, nurses, the janitor... everyone. [@AAMCMedStudent](#) [#mededchat](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

[@jprunuske](#) T1 [#mededchat](#) How do your students feel about that? Do they think it might disadvantage them in the Match? OR...place too much emphasis on the Step exams?



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@MedEdChat](#) Now as a [#tweetiatrician](#), I hope my med students learn at least basic skills eg examine kids at various ages, calculate appropriate weight based dosing, and know where to look up reliable info if they ever have questions about their own kids [#MedEdChat](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

[@DrMissWV](#) Totally helps to figure out what successful means. I sometimes wonder if fail to set everyone up for success with setting expectations, priming, clear instructions etc. [#MedEdChat](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

RT [@JonLimMD](#): [@DrMissWV](#) Totally helps to figure out what successful means. I sometimes wonder if fail to set everyone up for success with s...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Some relief, some angst, some uncertainty. Our 1st cohort of students will match next month. Positive feedback from most program directors we heard from. [#MedEdChat](#)



Médecine Libre (Jérôme) [@MedecineLibre](#) 8 hours ago

[#mededchat](#) Hello from France! What is a clerkship student? Never heard of this...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

There's enough pressure on [#usmle](#) step 1 already; what we do doesn't matter much. [#makestep1passfail](#) [#MedEdChat](#)



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

[@jprunuske](#) T1 [#mededchat](#) I sure hope you have the manuscript ready to submit after the Match to describe this process to people. Could be revolutionary!



MedEd Chat [@MedEdChat](#) 8 hours ago

TOPIC 2: How does performance in basic science coursework relate to clerkship performance? [#mededchat](#) [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

[@MedecineLibre](#) [#mededchat](#) The clerkships are the required clinical rotations [#medstudents](#) take. Does that help?



Sateesh Arja, MD, MPH [@ArjaSateesh](#) 8 hours ago

[@MedEdChat](#) [#Mededchat](#) T1 the learning objectives are based on competencies; medical knowledge, patient care, professionalism, communication& interpersonal skills, practice-based learning, system-based learning or objectives based on EPAs. Again objectives differ from one to other clerkship



Jonathan Lim [@JonLimMD](#) 8 hours ago

T2 I think there will be growing emphasis on the basic sciences. So critical now as new developing therapeutics are based in immunology, physiology and molecular biology. Doctors should have a basic understanding of what they are prescribing. [#mededchat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

N of 1. Descriptive narrative for sure. Our process can be refined & improved with additional tech support and optimizing assessment methods. [#mededchat](#). We're working on it!



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@JonLimMD](#): T2 I think there will be growing emphasis on the basic sciences. So critical now as new developing therapeutics are based in...



Jonathan Lim [@JonLimMD](#) 8 hours ago

T2 Clerkship students with their proximity to the foundational sciences can often be teachers to the team in providing the scientific basis for clinical decision making. [#mededchat](#)



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

T2 [#mededchat](#) I found some interesting articles to share on this. Here's one of them <https://t.co/O8x27YZH3D>



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@GLBDallaghan](#): T2 [#mededchat](#) I found some interesting articles to share on this. Here's one of them <https://t.co/O8x27YZH3D>



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@MedEdChat](#) [#MedEdChat](#) T2: NOT AT ALL (ok, maybe if you're rotating in something like pathology). Plenty of my classmates were "book smart" but utterly struggled on rotations because they couldn't communicate well or anticipate what would be helpful to patients/the team



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Our students complete 10 weeks of clerkship prior to [#pathophysiology](#) basic sciences. Comparable performance on clinical [#osce](#) to sister-campus students who have had pathophys. Performance in what domain? Depends on what you measure! [#MedEdChat](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@jprunuske](#): Our students complete 10 weeks of clerkship prior to [#pathophysiology](#) basic sciences. Comparable performance on clinical [#os...](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@GLBDallaghan](#): T2 [#mededchat](#) I found some interesting articles to share on this. Here's one of them <https://t.co/O8x27YZH3D>



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

[@DrJenChen4kids](#) [@MedEdChat](#) T2 Interesting you say that....but this article alludes to poor test taking can predict lower performance on the clerkships <https://t.co/iDoxPBryDc> [#mededchat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Identical SP evaluations on history & physical taking ability, identical communication skills, equal 2/4 and slightly diminished 2/4 ability to develop an assessment & plan. [#mededchat](#)



Shellie Asher, MD [@SAsherMD](#) 8 hours ago

[@GLBDallaghan](#) [@MedEdChat](#) So bottom quartile performance in 1st year is predictive of future poor performance, which makes sense. We've all seen some poor performers who turn it around in the clinical years - question is how to help/predict this turnaround? T2 [#mededchat](#)



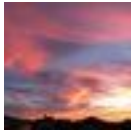
Shellie Asher, MD [@SAsherMD](#) 8 hours ago

RT [@GLBDallaghan](#): T2 [#mededchat](#) I found some interesting articles to share on this. Here's one of them <https://t.co/O8x27YZH3D>



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@GLBDallaghan](#): [@DrJenChen4kids](#) [@MedEdChat](#) T2 Interesting you say that....but this article alludes to poor test taking can predict lower...



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

[#Mededchat](#) [#Meded](#) [#edtech](#) [#edchat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Early identification is important - frequent individualized evaluation & assessment is critical. Need strong [#mentorship](#) and investment in student success! [#MedEdChat](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

T2 basic sciences may not directly impact clerkship skills such as taking a history, physical exam, assessment/plan. But as a clerk moves along milestones towards expertise, the basic sciences (anatomy, physiology etc) will help with navigating complexity and ambiguity [#mededchat](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@JonLimMD](#): T2 basic sciences may not directly impact clerkship skills such as taking a history, physical exam, assessment/plan. But as a...



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@GLBDallaghan](#) [@MedEdChat](#) Talking about two different groups though: my point is doing well in basic science doesn't always transfer to doing well on clerkships, but I could see how students who were already struggling would continue to do so. [#MedEdChat](#)



joanne hamilton [@JoH_MedEdExplr](#) 8 hours ago

RT [@JonLimMD](#): T2 basic sciences may not directly impact clerkship skills such as taking a history, physical exam, assessment/plan. But as a...



Sateesh Arja, MD, MPH [@ArjaSateesh](#) 8 hours ago

[@MedEdChat](#) T2 The medical knowledge that a student learn in basic sciences either normal (Anatomy and Physiology) or abnormal (Pathology, Immuno and Micro) should be able to apply in clerkships. Even the Pharmacology learned and Biochemistry (labs) required in patient care. [#mededchat](#)



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

[@DrJenChen4kids](#) [@MedEdChat](#) T2 [#mededchat](#) Absolutely. I think it speaks to the need for more academic coaching as soon as there is a sign a student is struggling.



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Wide variability in opinion among [#meded](#) educators! We have an evaluation scale based on EPAs developed by our clerkship directors. [#MedEdChat](#)



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@GLBDallaghan](#) [@MedEdChat](#) Doing well in clerkships still requires processing lots of material in short time spans, with the added stress of long hours in the hospital so less time to study. Also wonder if evaluations may be pre-biased by a student's reputation for poor preclinical performance [#MedEdChat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@DrJenChen4kids](#): [@GLBDallaghan](#) [@MedEdChat](#) Doing well in clerkships still requires processing lots of material in short time spans, with...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@GLBDallaghan](#): [@DrJenChen4kids](#) [@MedEdChat](#) T2 [#mededchat](#) Absolutely. I think it speaks to the need for more academic coaching as soon as...



Shellie Asher, MD [@SAsherMD](#) 8 hours ago

[@GLBDallaghan](#) [@DrJenChen4kids](#) [@MedEdChat](#) There's also the possibility that poor exam performance → poor confidence in knowledge/skills → poor clinical evaluations. [#mededchat](#)
T2



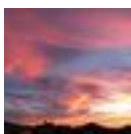
Gary Beck Dallaghan [@GLBDallaghan](#) 8 hours ago

[@DrJenChen4kids](#) [@MedEdChat](#) T2 [#mededchat](#) I don't know. We really didn't let clerkship directors know about performance at my old place of work. That type of forward feeding would not be beneficial in my opinion



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

t2 also basic or biomedical sciences? does basic sciences include stats? epi? [#healthsystems](#)? [#populationhealth](#)? QI? [#mededchat](#)



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

Abilities for success: 1) critical thinking 2) emotional intelligence 3) fund of knowledge 4) relationship centeredness 5) growth mindset We need to figure out how to assess these, and they will predict success in [#meded](#) and beyond. We tend to look at only [#4](#) [#Mededchat](#)



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

[@jprunuske](#) T2 Anymore the stats and epi are biomed. Health systems science covers pop hlth, qual improvement, etc. [#mededchat](#)



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

Oops, #3. [#mededchat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Lots of debate at a past institution on this topic. Can you help by focusing or does it hurt by premature judgement? I like "Here's something I'd like to work on in my time with you." could be for remediation, could be simply to excel or develop skills. [#nojudgement](#) [#MedEdChat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@myheroistrane](#): Abilities for success: 1) critical thinking 2) emotional intelligence 3) fund of knowledge 4) relationship centeredness...



COMSEP [@COMSEPediatrics](#) 8 hours ago

RT [@MedEdChat](#): TOPIC 1: What does it mean to be a successful clerkship student? [#mededchat](#) [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

TOPIC 3: [#Medstudents](#) are interacting with patients earlier. What are your thoughts on establishing [#milestones](#) for H&P skills prior to starting clerkships? [#mededchat](#) [#meded](#)



Abhay Dandekar [@abhaydandekar](#) 8 hours ago

[@MedEdChat](#) T2: If the coursework performance was integrated and dependent longitudinally into the same systems and clerkship teams as the clinical learning environment then.....yes! [#mededchat](#) [#MedEd](#)



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

[@jprunuske](#) The key is to foster an environment where [#medstudents](#) are comfortable doing that. [#mededchat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Wide variability across US [#meded](#) in depth of coverage on these topics and in timing during curriculum. [#MedEdChat](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

[@jprunuske](#) I think that's so tough. Because if done well, an "educational handoff" could help a learner in need be set up to succeed with the right resources from rotation to rotation rather than falling through the cracks. [#MedEdChat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@GLBDallaghan](#): [@jprunuske](#) The key is to foster an environment where [#medstudents](#) are comfortable doing that. [#mededchat](#)



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

RT [@JonLimMD](#): [@jprunuske](#) I think that's so tough. Because if done well, an "educational handoff" could help a learner in need be set up to...



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@GLBDallaghan](#) [@MedEdChat](#) Agree it's not beneficial, but I see that kind of thing happening at residency level too. If an intern is perceived to be "struggling" more than his/her peers, they inevitably get treated differently, even if it's meant to be helpful (eg extra support from senior) [#MedEdChat](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

T3 Could make sense, though the clerkship is often the time that has the most observation and volume of practice to allow for milestones to be useful as assessment/self-assessment. Do most preclerkship clinical experiences have the same observation/coaching? [#mededchat](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

T3 [#mededchat](#) I know that a few years ago OSU did not allow students to go to preceptor clinics until they could pass a high stakes OSCE in year 1.



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

Head to Toe physical exam basic proficiency and ability to do a basic H&P prior to clerkship! Assess via [#osce](#). Early development of skills by [#preceptors](#), SPs, and robust early teaching [#mededchat](#)



Shellie Asher, MD [@SAsherMD](#) 8 hours ago

RT [@JonLimMD](#): T2 Clerkship students with their proximity to the foundational sciences can often be teachers to the team in providing the sc...



Abhay Dandekar [@abhaydandekar](#) 8 hours ago

T3: Milestones provide aspirational behavioral benchmarks for learners so that even within these early encounters, synthesis of skills into outcomes can be recognized, practiced, attained, and assessed! [#EPAfan](#) [#mededchat](#) [#medstudent](#) [#MedEd](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

[@JonLimMD](#) T3 [#mededchat](#) Maybe not, but maybe they should



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@abhaydandekar](#): T3: Milestones provide aspirational behavioral benchmarks for learners so that even within these early encounters, synth...



PR Geisler, EdD, ATC [@BomberATDoc](#) 8 hours ago

[@MedEdChat](#) [#MedEdChat](#) Geoffrey Norman summarizes this well in “Basic Role of Basic Sciences” piece in Adv Hlth Sci Ed



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

T3 Our curriculum starts with 6 week doctoring course, then students begin 1/2 day per week in clinic throughout 1st year. Skills exam at end of 1st year prior to starting [#clerkship](#) that summer. [#mededchat](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

[@Alliance4ClinEd](#) T3 development of professional organization-medical school accreditation standards for preclerkship milestones would certainly create a nudge for these resources! [#MedEdChat](#)



Chris Morley, PhD [@morleycp](#) 8 hours ago

[@GLBDallaghan](#) [@jprunuske](#) Basic science should inc bio, chem, epi, biostats, social determinants, medical Soc/Anthro, HSR, etc. [#Mededchat](#)



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@MedEdChat](#) [#MedEdChat](#) T3: It's tricky...we had “Practice of Medicine” and OSCEs starting MS1, but don't recall if had to pass specific test before clerkships. I do think milestones would be helpful to identify students who are struggling to even elicit reflexes or auscultate properly



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

[@BomberATDoc](#) [@MedEdChat](#) <https://t.co/hR5jHcbXKZ> [#mededchat](#)



Abhay Dandekar [@abhaydandekar](#) 8 hours ago

[@jprunuske](#) T3- agree . Milestone descriptors and anchors can help to organize learners and supervisors around expectations. [#MedEd#mededchat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@morleycp](#): [@GLBDallaghan](#) [@jprunuske](#) Basic science should inc bio, chem, epi, biostats, social determinants, medical Soc/Anthro, HSR, etc...



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@jprunuske](#): T3 Our curriculum starts with 6 week doctoring course, then students begin 1/2 day per week in clinic throughout 1st year. S...



Jonathan Lim [@JonLimMD](#) 8 hours ago

T3 perhaps pushing pre-clerkship milestones would need to balance with the cognitive loading that comes with having to learn both basic sciences and clinical skills and transition to graduate school, etc. [#mededchat](#)



Jennifer K. Chen, MD FAAP [@DrJenChen4kids](#) 8 hours ago

[@MedEdChat](#) Those of us who volunteered in the free clinic or other such opportunities definitely benefitted from extra practice! [#MedEdChat](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@JonLimMD](#): T3 perhaps pushing pre-clerkship milestones would need to balance with the cognitive loading that comes with having to learn...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

And at risk of offending some, a critical rebalancing of the breadth & depth each. [#diagnostic](#) reasoning, [#critical](#) thinking, [#synthesis](#) ability, [#scientific](#) reasoning more important that "facts" [#MedEdChat](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

RT [@jprunuske](#): And at risk of offending some, a critical rebalancing of the breadth & depth each. [#diagnostic](#) reasoning, [#critical](#) thinkin...



Abhay Dandekar [@abhaydandekar](#) 8 hours ago

[@DrJenChen4kids](#) [@MedEdChat](#) Yes agreed- and mentors can help recognize that these opportunities can provide great ingredients and substrate for this practice. [#MedEdChat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@GLBDallaghan](#): [@BomberATDoc](#) [@MedEdChat](#) <https://t.co/hR5jHcbXKZ> [#mededchat](#)



Shellie Asher, MD [@SAsherMD](#) 8 hours ago

T3 [#MedEdChat](#) we do an "Orientation Clerkship" - 2 weeks of boot camp to brush up on clinical skills material already covered, must pass before moving on to clerkships. Helps us know who needs remediation and helps students feel more comfortable hitting the floors.



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](#)



Sateesh Arja, MD, MPH [@ArjaSateesh](#) 8 hours ago

[@MedEdChat](#) T3 [#mededchat](#) yes. It is good to have milestones for H&P prior to start clerkships which prepares the students to enter clerkships. We do this with the help of Standardized patient program and other means of simulation. We assess the students using SP-based assessments. [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@ArjaSateesh](#): [@MedEdChat](#) T3 [#mededchat](#) yes. It is good to have milestones for H&P prior to start clerkships which prepares the students...



Abhay Dandekar [@abhaydandekar](#) 8 hours ago

Clerkship readiness can hopefully begin on day 1 of the learner's [#MedEd](#) journey with concrete expectations + behavioral milestones outlined so that observed individual and team environs can be organized and synthesized into future entrustment for care and supervision [#mededchat](#)



Stephanie Starr, MD [@StephRStarr](#) 8 hours ago

And UME-appropriate [#healthsystemscience](#) [#MedEdChat](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

This conversation wandered far... If you've seen one clerkship, you've seen one clerkship. Despite national curricula, guidelines etc, there is wide variability in experience, expectations, & evaluation [#MedEdChat](#)



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](#)



Jonathan Lim [@JonLimMD](#) 8 hours ago

Final thoughts- residents play a huge role in the clerkship. More resources and training can help our residents as teachers. Shout out to the [@BCM_InternalMed](#) Academy of Resident and Educatoes and the fac mentors [@StephVSherman](#) and [@sargsyanz](#) who taught me all I know! [#mededchat](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@jprunuske](#): This conversation wandered far... If you've seen one clerkship, you've seen one clerkship. Despite national curricula, guid...



Terry Kind, MD MPH [@Kind4Kids](#) 8 hours ago

Will welcome [@GLBDallaghan](#) to lead [#MedEd](#) grand rounds Friday [@GWSMHS](#) on bridging the generational divide in medical education! [#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](#)



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@abhaydandekar](#): Clerkship readiness can hopefully begin on day 1 of the learner's [#MedEd](#) journey with concrete expectations + behavioral...



PR Geisler, EdD, ATC [@BomberATDoc](#) 8 hours ago

RT [@JonLimMD](#) [@MedEdChat](#) [#MedEdChat](#) what Cook recently called “management reasoning” <https://t.co/qBFK7AxZQ6>



Dr. Kirsten Brown [@DrKirtyBrown](#) 8 hours ago

RT [@Kind4Kids](#): Will welcome [@GLBDallaghan](#) to lead [#MedEd](#) grand rounds Friday [@GWSMHS](#) on bridging the generational divide in medical educati...



Jake Prunuske, MD, MSPH [@jprunuske](#) 8 hours ago

RT [@BomberATDoc](#): [@JonLimMD](#) [@MedEdChat](#) [#MedEdChat](#) what Cook recently called “management reasoning” <https://t.co/qBFK7AxZQ6>



Emily Shaffer [@DrMissWV](#) 8 hours ago

[@MedEdChat](#) A2. I respectfully dissent from the majority opinion here. Great basic science performance can do a lot for personal confidence & make things easier w/ a more readily accessible bank of knowledge, but you’re really looking at 2 different skill sets req for success [#mededchat](#) 1/



MedEdBot [@MedEdBot](#) 7 hours ago

RT [@Kind4Kids](#): Will welcome [@GLBDallaghan](#) to lead [#MedEd](#) grand rounds Friday [@GWSMHS](#) on bridging the generational divide in medical educati...



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...



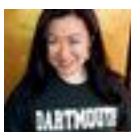
Nicole Shepherd [@qldmedethics](#) 7 hours ago

RT [@myheroistrane](#): Abilities for success: 1) critical thinking 2) emotional intelligence 3) fund of knowledge 4) relationship centeredness...



Chris Morley, PhD [@morleycp](#) 7 hours ago

RT [@jprunuske](#): And at risk of offending some, a critical rebalancing of the breadth & depth each. [#diagnostic](#) reasoning, [#critical](#) thinkin...



Lisa || AlphaVert [@Lisa03755](#) 6 hours ago

RT [@thetechofficer](#): RT [@Alliance4ClinEd](#): [@MedEdChat](#) T1 Beginning to apply medical knowledge and demonstrating compassion to patients are a...



Lisa || AlphaVert @Lisa03755 6 hours ago

RT [@thetechofficer](#): RT [@ArjaSateesh](#): [@MedEdChat](#) [#mededchat](#) T1 As long as student achieves the learning objectives/outcomes which are intend...



Lisa || AlphaVert @Lisa03755 6 hours ago

RT [@thetechofficer](#): I fully agree. [#teamwork](#) [#MedEd](#) RT [@jprunuske](#): T1 Working well with the team is critical: residents, other students,...



The Tech Officer @thetechofficer 6 hours ago

RT [@MedEdChat](#): That's a wrap...I will post the [#mededchat](#) transcript tomorrow morning on <https://t.co/lhyiy7CUPl> on the Resources page. Thanks everyone for participating! [#meded](#)



Flora Smyth Zahra @HumanitiesinHPE 4 hours ago

RT [@myheroistrane](#): Abilities for success: 1) critical thinking 2) emotional intelligence 3) fund of knowledge 4) relationship centeredness...



Adam Hoverman DO @ahoverman 2 hours ago

RT [@myheroistrane](#): Abilities for success: 1) critical thinking 2) emotional intelligence 3) fund of knowledge 4) relationship centeredness...