

October 19, 2017



**MedEd Chat** @mededchat4 days ago

Welcome to the Medical Education chat (US) I am your moderator for the next hour, @Alliance4ClinEd #meded



**Alliance4ClinEd** @alliance4clined4 days ago

Happy to be hosting tonight's topic! #meded <https://t.co/X0rzPK5g8g>



**MedEd Chat** @mededchat4 days ago

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



**MedEd Chat** @mededchat4 days ago

We will assume that all of your tweets are your own during this hour unless otherwise stated #meded



**MedEd Chat** @mededchat4 days ago

If you are tuning in to the #meded chat, remember to use the #meded hashtag and try to answer with the Topic numbers (T1, T2, T3)



**A.J. Kleinheksel** @ajkleinhex4 days ago

@MedEdChat Good evening, #MedEd chat! I'm an educational researcher at @AUG\_EII. I study simulation & the assessment of higher order thinking skills.



**MedEd Chat** @mededchat4 days ago

Topic 1: How important is it to incorporate basic science content in the clerkships? #meded



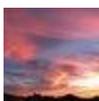
**Alliance4ClinEd** @alliance4clined4 days ago

Many #medschools are talking about integrating basic sciences into the clerkships. T1 questions how important is it? <https://t.co/LUOgOyNGKK>



**Gary Beck Dallaghan** @gibdallaghan4 days ago

Many #medschools are talking about integrating basic sciences into the clerkships. T1 questions how important is it? #meded



**Paul Haidet** @myheroistrane4 days ago

T1: it is important, IF... it can be done in a way that is relevant to clinical decision making #meded



**MedEd Chat** @mededchat4 days ago

T1 How easy or hard is it do that? #meded <https://t.co/NDastdO1F2>



**Alliance4ClinEd** @alliance4clined4 days ago

T1 Do you think there are particular disciplines where it would be easier to do than others? Say...surgery vs psychiatry? #meded <https://t.co/M2HQ09W1GS>



**A.J. Kleinhexel** @ajkleinhex4 days ago

T1 Integrating foundational knowledge into advanced skills and practice is important in any field. A mind needs it to retain & excel. #meded



**Paul Haidet** @myheroistrane4 days ago

T1: Well... it requires us all to stop covering content and start articulating the truly core concepts #meded



**MedEd Chat** @mededchat4 days ago

RT @myheroistrane: T1: Well... it requires us all to stop covering content and start articulating the truly core concepts #meded



**Paul Haidet** @myheroistrane4 days ago

Agreed. Hard to do when one is focused solely on "covering" content, tho #meded <https://t.co/ZYVPpqfWNo>



**Paul Haidet** @myheroistrane4 days ago

RT @AJKleinhex: T1 Integrating foundational knowledge into advanced skills and practice is important in any field. A mind needs it to retain...



**MedEd Chat** @mededchat4 days ago

Keep rolling on T1. T2 will be up in just a few minutes #meded



**A.J. Kleinhexel** @ajkleinhex4 days ago

@myheroistrane Well, I never said it was easy. ;) But the really important things rarely are. #MedEd



**Paul Haidet** @myheroistrane4 days ago

@AJKleinhex Absolutely. Just feels no a bit defeated tonight. #meded



**Paul Haidet** @myheroistrane4 days ago

@AJKleinhex Absolutely, just feeling a bit defeated tonight. #meded



**MedEd Chat** @mededchat4 days ago

Topic 2: In designing a curriculum for the clerkship, how would you integrate basic science content? #meded



**Alliance4ClinEd** @alliance4clined4 days ago

T2 #meded How can an already full clinical curriculum seamlessly add basic science content into the clerkship? <https://t.co/GtALnQAjkr>



**A.J. Kleinheksel** @ajkleinhex4 days ago

@myheroistrane I'm right there with you today. But that's why we #MedEd chat, right? To remember we're not alone, and this is a pretty great brain trust.



**Gary Beck Dallaghan** @gldbhallaghan4 days ago

@MedEdChat T2 #meded This is a struggle that I couldn't overcome when I managed the pediatrics clerkship. Interested to hear ideas!



**Alliance4ClinEd** @alliance4clined4 days ago

T2 Maybe @COMSEPediatics can provide guidance to incorporate basic sciences #meded <https://t.co/42NfAlr4C9>



**Gary Beck Dallaghan** @gldbhallaghan4 days ago

RT @Alliance4ClinEd: T2 Maybe @COMSEPediatics can provide guidance to incorporate basic sciences #meded <https://t.co/42NfAlr4C9>



**A.J. Kleinheksel** @ajkleinhex4 days ago

T2 There will always be more content to cover. Concept-based curriculum is 1 strategy to combat this, but it's not perfect. #meded



**Emily Fridenmaker** @emily\_fri4 days ago

@MedEdChat T2 #meded Topically. Lectures given on a clinical topic should include the basic science content related to the disease/treatment.



**Gene Hobbs** @gene\_hobbs4 days ago

RT @GLBDallaghan: @MedEdChat T2 #meded This is a struggle that I couldn't overcome when I managed the pediatrics clerkship. Interested to h...



**A.J. Kleinheksel** @ajkleinhex4 days ago

T2 "Seemless" integration of foundational knowledge can sometimes just mean reframing existing content. #meded



**MedEd Chat** @mededchat4 days ago

T2 #meded What if didactics have been curtailed to be focused, clinically relevant material? Not enough time to cover it all in 10 minutes. <https://t.co/6KB1xHyU6F>



**Gene Hobbs** @gene\_hobbs4 days ago

RT @MedEdChat: T2 #meded What if didactics have been curtailed to be focused, clinically relevant material? Not enough time to cov...



**MedEd Chat** @mededchat4 days ago

T2 #meded Could you elaborate on the concept-based curriculum? <https://t.co/oihdLomOD2>



**Clinton Lewis** @cwlblooddoc 4 days ago

@MedEdChat In longitud'l clerkship w/ 18 clerks taught each other with expert moderator. Peer2peer approach encouraged deep dive. #MedEd #T2



**Ian Pereira** @ijohnpereira 4 days ago

RT @myheroistrane: T1: it is important, IF... it can be done in a way that is relevant to clinical decision making #meded



**MedEd Chat** @mededchat 4 days ago

T2 #meded Was the expert moderator a basic scientist? Or did you use a combination of clinician and PhD? <https://t.co/WUZzv9SicW>



**Alliance4ClinEd** @alliance4clined 4 days ago

RT @CWLBloodDoc: @MedEdChat In longitud'l clerkship w/ 18 clerks taught each other with expert moderator. Peer2peer approach encouraged dee...



**Alliance4ClinEd** @alliance4clined 4 days ago

RT @AJKleinhex: T2 There will always be more content to cover. Concept-based curriculum is 1 strategy to combat this, but it's not perfect....



**Paul Haidet** @myheroistrane 4 days ago

Gotta remember the hidden curriculum. If attending a don't model usage of basic science concepts, students won't learn. #meded



**Ian Pereira** @ijohnpereira 4 days ago

@myheroistrane +1. Perhaps too often basic science education seems like a purely academic exercise. Hard to apply. Hard to justify. #MedEd T1



**Alliance4ClinEd** @alliance4clined 4 days ago

T2 #meded It would be interesting to hear what @BJBRoman would suggest from the work at #WrightState <https://t.co/HUDNXyXopl>



**A.J. Kleinhexsel** @ajkleinhex 4 days ago

@MedEdChat Concept-based curriculum focuses on ideas with examples instead of specific content. So it frees up more space to focus on cog skills #MedEd



**Alliance4ClinEd** @alliance4clined 4 days ago

T1 #meded But as the foundation for clinical application, why is it hard to apply? <https://t.co/fqYKDh1fpw>



**Gene Hobbs** @gene\_hobbs 4 days ago

T2 #MedEd: I like the idea of providing the basic science content online & referring to it when pertinent clinically or in simulations



**gwen.mom.md** @gdyagra4 days ago  
@DeanSurg @Marg\_Hay @RACSurgeons There is no age cap to learning. #profdev #MedEd



**Alliance4ClinEd** @alliance4clined4 days ago  
T2 #meded How can you get buy in from faculty to model integration of basic science concepts in patient care? <https://t.co/3RYsycsmj0>



**Clinton Lewis** @cwlblooddoc4 days ago  
@MedEdChat T2 #MedEd usually interested clinician with expert support PRN. Teaching distributed @8 rural sites so could leverage central expertise.



**Gary Beck Dallaghan** @glbdallaghan4 days ago  
RT @Alliance4ClinEd: T2 #meded How can you get buy in from faculty to model integration of basic science concepts in patient care? <https://...>



**Gene Hobbs** @gene\_hobbs4 days ago  
RT @myheroistrane: Gotta remember the hidden curriculum. If attending a don't model usage of basic science concepts, students won't learn....



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**MedEd Chat** @mededchat4 days ago  
RT @CWLBloodDoc: @MedEdChat T2 #MedEd usually interested clinician with expert support PRN. Teaching distributed @8 rural sites so c...



**Gary Beck Dallaghan** @glbdallaghan4 days ago  
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**A.J. Kleinhexsel** @ajkleinhex4 days ago  
@myheroistrane I wish I could Like this a thousand times. Integration needs both demonstrable behaviors and cognitive modeling. #MedEd



**Paul Haidet** @myheroistrane 4 days ago

Need to find those early adopter faculty and nurture them. #meded <https://t.co/QgILbFvpDG>



**Alliance4ClinEd** @alliance4clined 4 days ago

RT @myheroistrane: Need to find those early adopter faculty and nurture them. #meded <https://t.co/QgILbFvpDG>



**Gene Hobbs** @gene\_hobbs 4 days ago

RT @AJKleinhex: @myheroistrane I wish I could Like this a thousand times. Integration needs both demonstrable behaviors and cognitive model...



**Gary Beck Dallaghan** @glbdallaghan 4 days ago

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**MedEd Chat** @mededchat 4 days ago

RT @AJKleinhex: @myheroistrane I wish I could Like this a thousand times. Integration needs both demonstrable behaviors and cognitive model...



**MedEd Chat** @mededchat 4 days ago

Well, again the hour is flying by...One more topic to come in just a minute #meded



**Gary Beck Dallaghan** @glbdallaghan 4 days ago

RT @myheroistrane: Need to find those early adopter faculty and nurture them. #meded <https://t.co/QgILbFvpDG>



**Paul Haidet** @myheroistrane 4 days ago

RT @AJKleinhex: @myheroistrane I wish I could Like this a thousand times. Integration needs both demonstrable behaviors and cognitive model...



**MedEd Chat** @mededchat 4 days ago

Topic 3 What problem are we solving by incorporating basic sciences into the clerkships? #meded



**Ian Pereira** @ijohnpereira 4 days ago

@Alliance4ClinEd Good point. Are the basic sciences used as a foundation for clinical decision-making today? #algorithms #MedEd T1



**Alliance4ClinEd** @alliance4clined4 days ago

T3: Is there a problem with clinical clerkships that integrating basic science concepts will solve? #meded



**Clinton Lewis** @cwlblooddoc4 days ago

@gene\_hobbs @MedEdChat T2 #MedEd question of importance - will learners/teachers 'pull' info or does it need to be 'pushed' out. How foundational is the content?



**A.J. Kleinheksel** @ajkleinhex4 days ago

@Alliance4ClinEd I hate to go full Nerd, but educational research is a powerful tool. Prove integration improves learning/patient outcomes. #MedEd



**MedEd Chat** @mededchat4 days ago

RT @CWLBloodDoc: @gene\_hobbs @MedEdChat T2 #MedEd question of importance - will learners/teachers 'pull' info or does it need to be...



**Paul Haidet** @myheroistrane4 days ago

T3: better conceptual understanding leads to better medical decisions leads to fewer diagnostic errors. #MedEd



**Alliance4ClinEd** @alliance4clined4 days ago

RT @IJohnPereira: @Alliance4ClinEd Good point. Are the basic sciences used as a foundation for clinical decision-making today? #algorithms...



**Gary Beck Dallaghan** @glbdallaghan4 days ago

RT @IJohnPereira: @Alliance4ClinEd Good point. Are the basic sciences used as a foundation for clinical decision-making today? #algorithms...



**Alliance4ClinEd** @alliance4clined4 days ago

RT @CWLBloodDoc: @gene\_hobbs @MedEdChat T2 #MedEd question of importance - will learners/teachers 'pull' info or does it need to be...



**Ian Pereira** @ijohnpereira4 days ago

@Alliance4ClinEd Traditionally, a disconnect between clinical practice & evidence, perhaps even for complex cases? #MedEd T1



**Gene Hobbs** @gene\_hobbs4 days ago

@CWLBloodDoc T2 #MedEd. If it matters, they will come :)



**MedEd Chat** @mededchat4 days ago

T3 #meded You can go as full nerd as you want! :) <https://t.co/7RYIUhdYgl>



**MedEd Chat** @mededchat4 days ago

RT @myheroistrane: T3: better conceptual understanding leads to better medical decisions leads to fewer diagnostic errors. #MedEd



**Alliance4ClinEd** @alliance4clined4 days ago

RT @myheroistrane: T3: better conceptual understanding leads to better medical decisions leads to fewer diagnostic errors. #MedEd



**Gene Hobbs** @gene\_hobbs4 days ago

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**Paul Haidet** @myheroistrane4 days ago

@gene\_hobbs @CWLBloodDoc Agreed, and I believe "pulling" always sticks better #meded



**Clinton Lewis** @cwlblooddoc4 days ago

@gene\_hobbs T2 #MedEd context matters. Wish I'd learned more basic science as a Med student now that I'm an advanced fellow. I needed a bigger push.



**MedEd Chat** @mededchat4 days ago

@myheroistrane T3 #meded Has this been studied at all with #medstudents ?



**A.J. Kleinheksel** @ajkleinhex4 days ago

T3 Integration facilitates situated cognition: basic sci will be easier to recall when learned/reinforced in environment where used. #MedEd



**Ian Pereira** @ijohnpereira4 days ago

@myheroistrane Interesting point. Is this conceptual understanding of the basic sciences and/or hospital guidelines? #Guidelined #MedEd at2



**Paul Haidet** @myheroistrane4 days ago

Testify, brother! #meded <https://t.co/GMSXGjIMIN>



**Gene Hobbs** @gene\_hobbs4 days ago

RT @myheroistrane: @gene\_hobbs @CWLBloodDoc Agreed, and I believe "pulling" always sticks better #meded



**MedEd Chat** @mededchat4 days ago

T2 #meded So you see value of integration in the clerkships as well as fourth year? <https://t.co/7AQAmLjKr8>



**Ian Pereira** @ijohnpereira 4 days ago

@myheroistrane Interesting point. Is this conceptual understanding of the basic sciences and/or hospital guidelines & structure? #Guidelined #MedEd T3



**COMSEP** @comsepediatrics 4 days ago

RT @Alliance4ClinEd: T2 Maybe @COMSEPpediatrics can provide guidance to incorporate basic sciences #meded <https://t.co/42NfAlr4C9>



**Paul Haidet** @myheroistrane 4 days ago

RT @CWLBloodDoc: @gene\_hobbs T2 #MedEd context matters. Wish I'd learned more basic science as a Med student now that I'm an advance...



**Lyn Sonnenberg** @lynsonnenberg 4 days ago

RT @myheroistrane: T3: better conceptual understanding leads to better medical decisions leads to fewer diagnostic errors. #MedEd



**Ian Pereira** @ijohnpereira 4 days ago

@gene\_hobbs @CWLBloodDoc And if you test it, it will matter :) #MedEd T3



**Paul Haidet** @myheroistrane 4 days ago

Oh yeah, context and elaboration always = better learning #meded <https://t.co/6Eb8FMEVdu>



**Ian Pereira** @ijohnpereira 4 days ago

@gene\_hobbs @CWLBloodDoc And if you test it, it will matter :) T2 #MedEd



**Gary Beck Dallaghan** @glbdallaghan 4 days ago

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**Alliance4ClinEd** @alliance4clined 4 days ago

RT @myheroistrane: Oh yeah, context and elaboration always = better learning #meded <https://t.co/6Eb8FMEVdu>



**MedEd Chat** @mededchat 4 days ago

RT @myheroistrane: Oh yeah, context and elaboration always = better learning #meded <https://t.co/6Eb8FMEVdu>



**Paul Haidet** @myheroistrane 4 days ago

@IJohnPereira Yes! #meded



**Clinton Lewis** @cwlblooddoc 4 days ago

@MedEdChat T2 #MedEd medicine is the coherent integration of art and science to co-lead patient care. We need both at every step along the way.



**Alliance4ClinEd** @alliance4clined4 days ago

T3 #meded Excellent points. Then should the #NBME incorporate more basic science into the subject exams? <https://t.co/DXe18BV54N>



**Gary Beck Dallaghan** @glbdallaghan4 days ago

RT @Alliance4ClinEd: T3 #meded Excellent points. Then should the #NBME incorporate more basic science into the subject exams? <https://t.co...>



**COMSEP** @comsepediatrics4 days ago

Could ask our grant recipient from 2011: irene Hong-McAtee <https://t.co/Zs7CHagxpr> #meded @MedEdChat



**Rumi Khan** @rumikhanmd4 days ago

T3 Out narrow focus on evidence based medicine & clinical trials divert attention from basic Science topics physiology, biochemistry #meded



**Paul Haidet** @myheroistrane4 days ago

How about integrating clinical into the first year? Blended for all 4 years means better contextualization all the way through #MedEd



**Gene Hobbs** @gene\_hobbs4 days ago

@CWLBloodDoc #MedEd Modeling why you feel this way now makes you a better mentor #ThankYou



**Gene Hobbs** @gene\_hobbs4 days ago

RT @IJohnPereira: @myheroistrane Interesting point. Is this conceptual understanding of the basic sciences and/or hospital guidelines...



**MedEd Chat** @mededchat4 days ago

RT @IJohnPereira: @gene\_hobbs @CWLBloodDoc And if you test it, it will matter :) T2 #MedEd



**Gary Beck Dallaghan** @glbdallaghan4 days ago

RT @myheroistrane: How about integrating clinical into the first year? Blended for all 4 years means better contextualization all the way t...



**MedEd Chat** @mededchat4 days ago

RT @myheroistrane: How about integrating clinical into the first year? Blended for all 4 years means better contextualization all the way t...



**Alliance4ClinEd** @alliance4clined4 days ago

RT @myheroistrane: How about integrating clinical into the first year? Blended for all 4 years means better contextualization all the way t...



**Alliance4ClinEd** @alliance4clined4 days ago

RT @COMSEPediatrics: Could ask our grant recipient from 2011: irene Hong-McAtee <https://t.co/Zs7CHagxpr> #meded @MedEdChat



**Gene Hobbs** @gene\_hobbs4 days ago

RT @myheroistrane: Oh yeah, context and elaboration always = better learning #meded <https://t.co/6Eb8FMEVdu>



**MedEd Chat** @mededchat4 days ago

T3 #meded How so? Care to elaborate? <https://t.co/7TQrhZvGYD>



**Alliance4ClinEd** @alliance4clined4 days ago

RT @RumiKhanMD: T3 Out narrow focus on evidence based medicine & clinical trials divert attention from basic Science topics physiology, bi...



**Gene Hobbs** @gene\_hobbs4 days ago

@JohnPereira @CWLBloodDoc #MedEd to short term memory



**A.J. Kleinhexel** @ajkleinhex4 days ago

@Alliance4ClinEd Perhaps not isolated items. But as integrated concepts, it would help encourage the curricular changes. We should test what matters. #MedEd



**Gene Hobbs** @gene\_hobbs4 days ago

RT @myheroistrane: How about integrating clinical into the first year? Blended for all 4 years means better contextualization all the way t...



**Alliance4ClinEd** @alliance4clined4 days ago

T3 #meded Agreed. <https://t.co/iTbN73NtKG>



**Alliance4ClinEd** @alliance4clined4 days ago

RT @AJKleinhex: @Alliance4ClinEd Perhaps not isolated items. But as integrated concepts, it would help encourage the curricular cha...



**Gene Hobbs** @gene\_hobbs4 days ago

RT @yw\_chang: #Motivate students and make them more #engaging. self-determination theory #MedEd <https://t.co/A4mBhQTmox>



**MedEd Chat** @mededchat4 days ago

Well, we have about 2 more minutes left in our discussion. Please feel free to give some final thoughts #meded



**Rumi Khan** @rumikhanmd 4 days ago

T3 Physiology should not end at USMLE step2 rather be focused in ABIM, speciality boards. All know River's Sepsis data, not fluid physiology <https://t.co/okbDPWhBw4>



**MedEd Chat** @mededchat 4 days ago

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



**Paul Haidet** @myheroistrane 4 days ago

Final thought: basic sci, clinical sci, health systems sci, humanities. All important in today's healthcare. Integrate them. [#MedEd](https://t.co/#MedEd)



**Gary Beck Dallaghan** @glbdallaghan 4 days ago

RT @myheroistrane: Final thought: basic sci, clinical sci, health systems sci, humanities. All important in today's healthcare. Integrate t...



**Alliance4ClinEd** @alliance4clined 4 days ago

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RT @myheroistrane: Final thought: basic sci, clinical sci, health systems sci, humanities. All important in today's healthcare. Integrate t...



**A.J. Kleinhexel** @ajkleinhex 4 days ago

Thanks for facilitating, @Alliance4ClinEd! Great [#MedEd](https://t.co/#MedEd) chat tonight!



**Alliance4ClinEd** @alliance4clined 4 days ago

Thanks! It's been a pleasure for us! [#meded](https://t.co/#meded) @MedEdChat <https://t.co/ZQmNVDxVun>



**Paul Haidet** @myheroistrane 4 days ago

<https://t.co/Hbrsi5J8Od> [#meded](https://t.co/#meded) <https://t.co/yyEwiQaK8R>



**Celeste Royce** @croyce62 4 days ago

RT @Alliance4ClinEd: T2 [#meded](https://t.co/#meded) How can you get buy in from faculty to model integration of basic science concepts in patient care? [https://...](https://t.co/#meded)



**Gene Hobbs** @gene\_hobbs 4 days ago

RT @myheroistrane: Final thought: basic sci, clinical sci, health systems sci, humanities. All important in today's healthcare. Integrate t...



**Melanie Lybarger** @melanielybarger4 days ago

RT @MedEdChat: Topic 2: In designing a curriculum for the clerkship, how would you integrate basic science content? #meded



**Melanie Lybarger** @melanielybarger4 days ago

RT @GLBDallaghan: @MedEdChat T2 #meded This is a struggle that I couldn't overcome when I managed the pediatrics clerkship. Interested to h...