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# EdTech Course Reports

— 2022 —

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# Overview

Courses produced in FY 21-22:	12
Total number of active CME or public courses:	17
New Learners enrolled, all courses FY 21-22, except:	121,404
New Learners Food and Health course accounts for:	76,829
Average # learner enrollments/per all other courses:	9,860
Average rating of courses (CME):	4.6 out of 5.0
CME course contributed to professional growth (average):	95%

## Target audiences:

- Graduate Medical Education: Faculty Coaches and Residents/Trainees
- Continuing Medical Education: Pediatrics, OB/GYN, Psychiatry, Neurology, General Medicine
- Patients and Caregivers

# Courses Produced in FY21-22

GO MOMS Train the Trainer

GO MOMS Direct Teaching

Value-based Care

Neurology VBC Webcasts

Cue-Centered Therapy (Spanish)

Coaching Skills

Empowered Relief

Bladder Basics

Newborn Family Health

Pediatric Red Blood Cell Transfusion

Spiritual Care

Difficult Conversations in Pediatrics

Clinicians and Firearms (SAFE)

# How to Taper Patients Off of Chronic Opioid Use

Course Director(s): Anna Lembke, MD

Year published: 2016

Enrollments 2022: 3,132

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.6/5.0

94% agree course was engaging and interactive

94% agree course contributed to their professional development

Platform(s): EdX



# How to Taper Patients Off of Chronic Opioid Use

**Do you have specific suggestions as to how this CME activity might be improved?**

the course can be extended a little by covering some of the more topics. Overall i am too strongly happy the way this topic have been represented.Thank you all for sharing this much of knowledge.

More videos and more cases

The animation at the beginning of each module was too long.

The presentation of the topic was well-delivered. It was also timely and relevant. But, I wish there was another case dealing with difficult patients who need opioid tapering but are reluctant to do so

I love the use of a real patient case to help teach this subject, and I'd be interested in also seeing a real patient case where the patient was addicted instead of dependent, as it would better highlight addiction versus dependence.

I really enjoyed the animation, background sounds, colors and to listening to the voice of other people during the video (the voice of the patient and the doctor) along with Dr. Lembke.

A little long on the patient story, and a little too dramatic for my taste. you don't need to sell me that this is a needed concept I'm already here to get it.

# Introduction to Food and Health

Course Director(s): Maya Adam, MD

Year published: 2016

Enrollments 2022: 76,829

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.7/5.0

93% agree course was engaging and interactive

95% agree course contributed to their professional development

Platform(s): Coursera and EdX



# Introduction to Food and Health

## **Coursera Stories:**

Hello, I'm April Grace Liwanag. I took the course Food and Health because it will help me to enhance my skills and to know more deeper about food industry. I love everything that my instructor discussed it help me to understand the different ways on how to become healthy. Thank you for inspiring me to be my best and thank you for guiding me in this journey.

To the instructors in the food and health class, thank you very much because your class was very helpful and added to my insight and knowledge in the field of food health. Your course really helped me a lot in maintaining a healthy and balanced diet

My name is Splendour. I took your course in February and it has changed my life. I recently just got a great job in the food and Health industry. I am very grateful for the opportunity I was given. I hope to take on more courses soon.

Good evening! My name is Bulekova Merei. I am 15 years old. I am from Kazakhstan. I am very glad for studying this course and it was very usefull for my daily life. I had a oppportunity for the better life. Moreover, I can know why we should eat healthily and what will be if we feed with useless foods. So that, I want appreciate you for giving valuable knowledge like this to the curious people like me!

# To Prescribe or Not to Prescribe: Antibiotics Outpatient

Course Director(s): Stan Deresinski, MD and Marisa Holubar, MD

Year published: 2016

Enrollments: 8,616

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.5/5.0

95% agree course was engaging and interactive

95% agree course contributed to their professional development

Platform(s): EdX





# To Prescribe or Not to Prescribe: Antibiotics Outpatient

**Do you have specific suggestions as to how this CME activity might be improved?**

Making lessons more compatible with mobile devices

The last case study, the beginning where it was one still shot after another with moving copies of the picture in the back, this was kind of distracting and was not pleasant to watch for so long.

Allow the narratives to be paused in order to take notes. The speakers were well informed and the content relevant and significantly educational. However, there should be a way to allow us to write this instruction/teaching down for further review.

More clinical cases

Content was concise and interactive.

first vignette was a bit over-the-top with the acting

Overall, I think this was a great activity, especially with the interactive format and examples it provided. It allowed me to understand many aspects of why doctors would overprescribe, and this has been my favorite out of all the CME activities I've done. I would love to see more courses like this.

# Health Across the Gender Spectrum

Course Director(s): Maya Adam, MD

Year published: 2017

Enrollments 2022: 3,439

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.7/5.0

92% agree course was engaging and interactive

96% agree course contributed to their professional development

Platform(s): Coursera and EdX



# Health Across the Gender Spectrum

**Do you have specific suggestions as to how this CME activity might be improved?**

all the modules covered were purely video lectures and sessions, probably some reading material can also be included in this course, otherwise very effective learning !

Include people of color and minority group experiences within the trans community

Including more interactive activities/ mini quizzes at the end of each video would have helped with knowledge retention.

More texts and assignments, besides the videos

I personally enjoyed the course through its story-based way of explaining.

more trans people actually behind the course, not just being interviewed

Include Spanish translation please!

Just a note that the term "Hijra" is offensive and should be replaced with Khwaja Sira. Hijra means "Imperfect man" and is considered a slur.

# Identifying Psychosis

Course Director(s): Kate Hardy, MD and Douglas Noordsy, MD

Year published: 2017

Enrollments 2022: 7,413

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.6/5.0

96% agree course was engaging and interactive

95% agree course contributed to their professional development

Platform(s): EdX with Heloeko embed interactive video

An unexpected error occurred. Please click the button below to refresh the page.

Try again

# Identifying Psychosis

**Do you have specific suggestions as to how this CME activity might be improved?**

Feature more than one case, focus on psychiatric evaluation, more detailing symptoms.

No, was great. I loved to see the two perspectives in the case study. Helps exemplify really well what the person goes through.

To give more material (pdf's or something to read more information maybe)

The interactive Allie's story setups would often fail to load or be very laggy and I had to complete the course with transcripts and the textual information when this was the case.

Provide a visual with list of common early signs of psychosis

Biochemistry and pharmacology of psychosis. Perhaps a more scientific approach to the course and make it a little longer?

The advertisements that appear at the end of the videos are distracting.

# Musculoskeletal Primer

Course Director(s): Richard Whittman, MD and Sakti Srivastava, MD

Year published: 2017

Enrollments 2022: 2,864

Quality of Content (average): 4.4/5.0

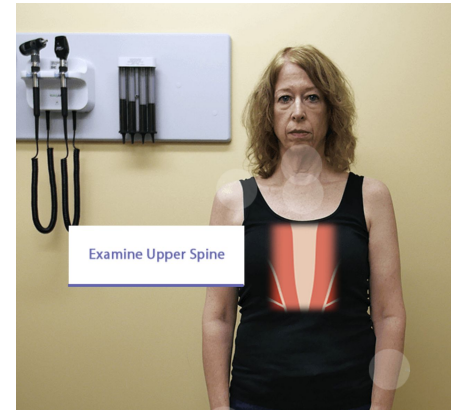
Delivery and Effectiveness (average): 4.4/5.0

Overall course rating (average): 4.3/5.0

91% agree course was engaging and interactive

94% agree course contributed to their professional development

Platform(s): EdX



# Musculoskeletal Primer

**Do you have specific suggestions as to how this CME activity might be improved?**

Nothing much. I enjoyed the video interface and the case history module a lot.

Possibly adding an assignment in or making us come up with our own diagnosis (from a choice)

Increase downloadable content

It might be improved by posting some xray pictures as well

Some of the quiz questions (#6) are poorly worded. After seeing the question multiple times I am still struggling to understand what the question is asking.

Some of the patients had technical difficulties: sound wouldn't play, couldn't click on some parts

You could add more patient related cases for better assessment

# Prescription Drug Misuse

Course Director(s): Anna Lembke, MD

Year published: 2017

Enrollments 2022: 2,046

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.6/5.0

93% agree course was engaging and interactive

93% agree course contributed to their professional development

Platform(s): EdX



# Prescription Drug Misuse

**Do you have specific suggestions as to how this CME activity might be improved?**

Visually see the speakers (note: the patient interview was audio only)

You can add some details about the strategies that a patient can use and how can a psychologist handle. The course is too short , maybe a little more on addiction and how to care for such patients can be added.

I think that giving more examples of the strategies separately and not all of them in one video. Example: for each one have one video of a patient acting this way. Another suggestion would be having subtitles for the interactive portions of the course.

no, the presentation was excellent. In fact, it was the best ever presentation I've encountered on the topic

Quality of CME content is really good and some more case studies should be included. I think by using more case studies, it gets more practical.

Good production quality

Some of the materials didn't work due to technical issues; I recommend simplifying the technical features to decrease the risk of IT failure

it would be great to have a short 4x4 pocket printout with summary of information

# Antimicrobial Stewardship

Course Director(s): Stan Deresinski, MD and Marisa Holubar, MD

Year published: 2018

Enrollments 2022: 10,806

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.5/5.0

Overall course rating (average): 4.6/5.0

91% agree course was engaging and interactive

96% agree course contributed to their professional development

Platform(s): EdX and Coursera

# Antimicrobial Stewardship

**Do you have specific suggestions as to how this CME activity might be improved?**

It would be great to add more case based questions

More structured and shorter videos of precise content

make it more interactive.

References of each lecture should be included in text after video, not within the video or at the end of course. So that attendees can access them easily for further reading and better understanding.

Adding handouts with summaries of the main points of the lectures

I think the overall content is comprehensive and straightforward, but it would be of great interest including clinical scenarios, and thereby, to illustrate the key concepts.

I would maybe put more questions after each video so it would be easier to see what we learned during each theme.

# Hypertension in Primary Care

Course Director(s): Pedram Fatehi, MD and Robert Rope, MD

Year published: 2018

Enrollments 2022: 3,097

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.5/5.0

Overall course rating (average): 4.6/5.0

94% agree course was engaging and interactive

96% agree course contributed to their professional development

Platform(s): EdX

# Hypertension in Primary Care

**Do you have specific suggestions as to how this CME activity might be improved?**

More case studies should be added.

Add latest treatment protocols

Yes, to concentrate more on short stem questions that increase our knowledge and increase the number of questions for the courses

interactive video had some lags (note: these were Storyline modules produced by Xpan vendor)

the interaction was amazing, i wouldn't change a thing.

Spanish subtitles please.

Providing handouts

It was too slow, meaning, the voice-over should have the option for 1.5-2.0x speed. The interactive tabs were great, and the information was great, but could be better delivered. I also did the atrial fibrillation course, and that set-up was better for self learning.

# PANS

Course Director(s): Margo Thienemann, MD

Year published: 2018

Enrollments 2022: 858

Quality of Content (average): 4.5/5.0

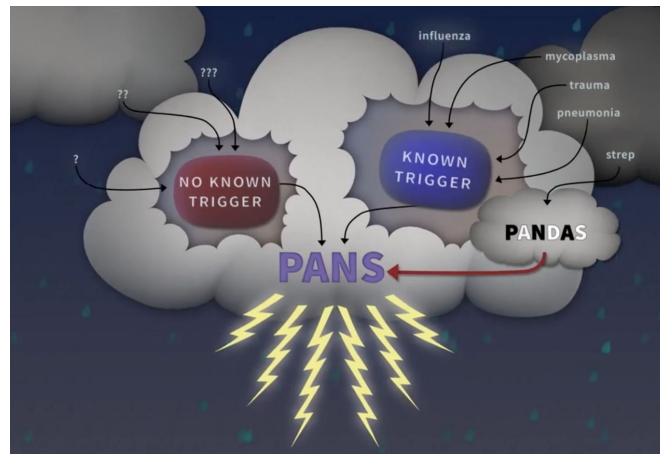
Delivery and Effectiveness (average): 4.5/5.0

Overall course rating (average): 4.5/5.0

94% agree course was engaging and interactive

94% agree course contributed to their professional development

Platform(s): EdX



# PANS

**Do you have specific suggestions as to how this CME activity might be improved?**

More sample cases like Darius are always welcomed

More language and subtitles

Please keep CME presentation simple. Too much animation takes away our attention

Make the physical examination more interactive

LOVED IT!! The best course I've watched here so far.

CME can be improved by providing the learners recorded and printed notes which can be saved by us for life time.

Talking about some of the controversy about PANS

It would be helpful to make the interactive cases mobile friendly

# Cue-centered Therapy

Course Director(s): Dr. Victor Carrión, Dr. Hilit Kletter, Dr. Ryan Matlow

Year published: 2020

Enrollments 2022: 747

Quality of Content (average): 4.8/5.0

Overall course rating (average): 4.8/5.0

95% agree course was engaging and interactive

99% agree course contributed to their professional development

Platform(s): MedEd





# Cue-centered Therapy

**Do you have specific suggestions as to how this CME activity might be improved?**

The training was great and very useful, but we will have to go deeper in concepts or follow a more in depth training including practice, in order to master this therapy . However, I feel I can already use many techniques explained in the course.

all was covered beautifully and it was extremely helpful to have the vignettes to listen to, while reading, given my word processing disorder.

No, this training was beyond amazing. I would like to participate in additional trainings like this....

The navigation was challenging as the program seemed to skip forward and I unknowingly missed sections but didn't know until I was trying to take the quiz and was told to go back. This happened multiple times

I really appreciated the range of cases represented and the specific examples for how to implement interventions in session.

Would like 1-2 challenging cases to show how to troubleshoot; would like tips on "what could go wrong" - help us anticipate potential challenging steps

Audiobook chapters were a brilliant addition to teaching methodology as they enhanced the rhythm of the course and reinforced the learning.

# Health After Cancer

Course Director(s): Lidia Schapira, M.D., Jennifer Kim, M.D., Stephanie Smith, M.D., M.P.H., Pamela Williams, MSc

Year published: 2020

Enrollments 2022: 610 on Coursera

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.8/5.0

96% agree course was engaging and interactive

98% agree course contributed to their professional development

Platform(s): Meded and Coursera

# Health After Cancer

**Do you have specific suggestions as to how this CME activity might be improved?**

No, I truly enjoyed the animation and the cases. Great presentation!

More quiz questions.

Real patients and scenarios

easier platform to navigate? LOVED the diversity

not cartoon

Broaden cancer topics covered (ie. gynecologic cancers!)

# Congenital Hypothyroidism

Course Director(s): Laura K. Bachrach, MD

Year published: 2021 (Updated course)

Enrollments 2022: 1,191

Quality of Content (average): 4.6/5.0

Delivery and Effectiveness (average): 4.5/5.0

Overall course rating (average): 4.6/5.0

89% agree course was engaging and interactive

92% agree course contributed to their professional development

Platform(s): EdX

# Congenital Hypothyroidism

**Do you have specific suggestions as to how this CME activity might be improved?**

Provide normal range chart of T4 and TSH for questions within the modules

The activity was done beautifully but the graphs seemed a little complicated so there must be more videos elaborating about the graph and the table.

More case based questions

I would like the CME questions to be more difficult - significantly more difficult.

This was one of the most enjoyable and informative CME activities I have had the pleasure of taking. Thank you.

I would be interested in making this course a little bit broader in terms of more pathophysiology and mechanisms of hypothyroidism on metabolism as well as challenges that one may encounter during therapy.

# Teaching LGBTQ+ Health

Course Director(s): Michael Gisondi, MD, Shana Zucker, MD, Timothy Keyes, MD Candidate

Year published: 2021

Enrollments 2022: TBD

Quality of Content (average): 4.7/5.0

Delivery and Effectiveness (average): 4.6/5.0

Overall course rating (average): 4.6/5.0

95% agree course was engaging and interactive

96% agree course contributed to their professional development

Platform(s): MedEd

# Teaching LGBTQ+ Health

## **Do you have specific suggestions as to how this CME activity might be improved?**

The course was very confusing to navigate

Do not include so many questions about what is FALSE - it is much easier to answer what is CORRECT

more cases, loved them! this was very informative and I wish it were required at all institutions of learning and also for medical practices

A little less reading and more videos. Perhaps include videos of real people who are willing to share their stories about their experiences with medical care.

Some of the navigation was challenging on iPhone, but otherwise it was fantastic

A mental health module would be lovely.

Fix this cumbersome eval + CME process.

There are some parts in the video that I have to read myself because there is no sound. It would be better if the course had someone read the lines so I wouldn't have to read a lot

Teddy needs to have a seatbelt on and shouldn't be looking down at their phone while driving!

# Takeaways from Learner Feedback

## Cases:

You can't have too many cases (with assessment questions). There are never enough. Cases = application of didactic teaching

Include additional text-based cases with a wider range of patient scenarios as a resource. Include informative feedback on case questions

Mix real patient cases with animated or simulated cases. Real patient storytelling and visualizations are most impactful

Be careful not to over dramatize patient scenarios - with acting or voice over

Ensure there is diverse representation across the patient populations



# Takeaways from Learner Feedback

## Questions/Assessments:

Include follow up questions after each video/lesson; not just pre/post.

Make the questions challenging

Write the questions to focus correct answers on what is true (not false)

Write questions at the level of application of knowledge, not just facts

Include thorough explanations of the correct and incorrect answers

# Takeaways from Learner Feedback

## Videos:

Interactive videos create accessibility issues. The delivery platforms must be tested to ensure they are accessible and mobile friendly

Ensure videos are succinct, to the point of the learning objectives. Break up longer videos into shorter videos tied to single learning objectives

List references directly below the videos instead of embedding them in the video

Question the amount of animation; sometimes less is more if it is visually distracting.

# Takeaways from Learner Feedback

Platform delivery and accessibility:

Design for all learner types: mixed approaches to content woven throughout

Learning platform should be compatible and tested with mobile devices. Design for all learners; not for a subset that has the correct platform and updated Chrome browser

Provide translated closed-captions in major languages

Provide a note-taking tool

Stanford CME credit claim experience is extremely difficult to navigate

# Takeaways from Learner Feedback

## Resources and References:

Provide lecture summaries of key teaching points as a PDF that can be downloaded

Provide reference list within the same lesson as it is used. Keep the list separate from the video and downloadable

Ensure the resources with treatment protocols are kept up to date