

## **Background + Objectives**

The opioid epidemic continues to be a public health crisis. The Coalition on Physician Education (COPE) has responded to this crisis through their annual Curriculum Innovation Challenge to support medical schools in integrating a more robust addiction medicine curriculum into students' training. Teams submit curriculum proposals and if selected, develop their curriculum alongside COPE faculty across multiple sessions in a structured, workshop-based format. The CU team was one of four winning submissions nationwide.

This three-part curriculum is designed for 4<sup>th</sup> year medical students during their Transition to Residency phase of the University of Colorado School of Medicine's Trek Curriculum within the integrated clinician's course. At the end of this threepart curriculum, students should have increased their knowledge base and competencies in three main areas. First, students should be able to identify an overdose and administer naloxone. Second, students should be able to initiate a low dose buprenorphine induction as well as identify a patient who would benefit from such approach. And lastly, students should feel comfortable interacting with patients about opioid use disorder and treatment options.

COPE

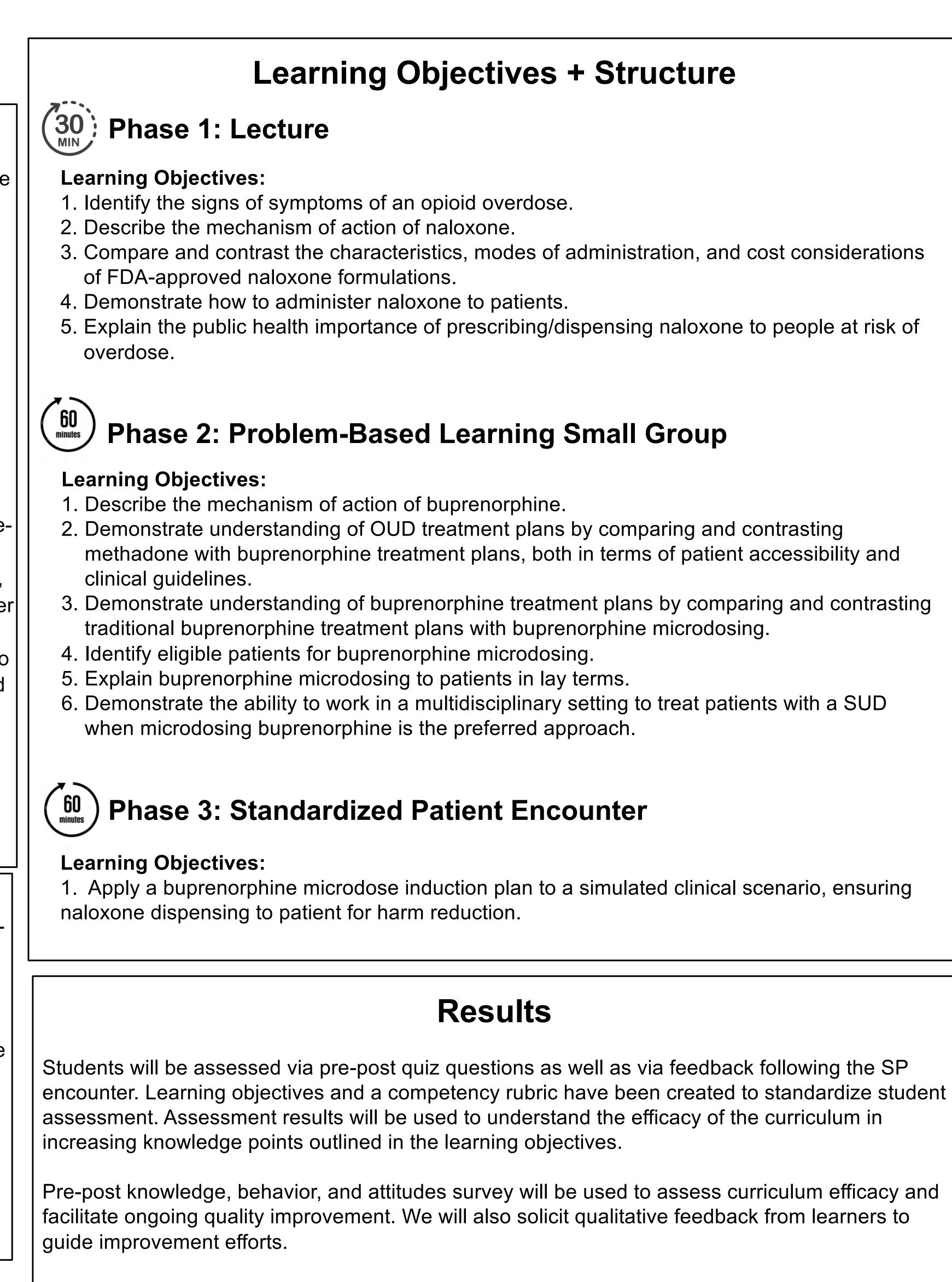
oalition on Physician Education

in Substance Use Disorders

### Methods

The curriculum will be implemented in 2023 in two cohorts: PA-S2 students and MS4 students during their Transition to Residency course within the Integrated Clinician Course at CUSOM. We will evaluate curricular impact on knowledge, attitudes, and practices using pre-post surveys of learners. The validated surveys include the Opioid Overdose Knowledge Scale (OOKS), Opioid Overdose Attitudes Scale (OOAS), Medical Condition Regard Scale (MCRS), and Naloxone Related Risk Compensation Benefits (NaRRC-B). A pre-post quiz will also be issued. Scores will be pooled, and differences analyzed using Pearson's Chi Squared test with significance assigned to results with p<0.05.

# Implementing Naloxone and Buprenorphine Low Dose Induction Training into the CUSOM Trek Curriculum Morgan Avery PA-S3, Alyssa Cole MS2, Tyler Igoe MS2, D. Tyler Coyle MD, MS **CUSOM** Department of Psychiatry



### Resources

Students will have access to a number of resources during this training. This is an example of one of the handouts that will be provided to students. In addition, they will have a symptoms management guide, access to the training PowerPoint, their PBL preparation materials, and more.

### Patient Gu o reduce the risk o we would like you to schedule below and

PREPARING YOUR D On Days 1-5, we will Days 1-2: Cut ON

dose needed (0. Day 3: Cut ONE needed (1mg or Days 4-5: Use fu On Days 6-7, we will

NOT need to cut or f

DAILY DOSING INST On each day, take buprenorphine/nalo 15 minutes **BEFORE** other opioid-based heroin, fentanyl, me prescription pills, etc Place the film under and let it melt comp



Faculty will have access to a facilitation the resources available to students

# Implications

Providers from a variety of fields should feel comfortable treating opioid use disorder, as patients in all medical specialties suffer from this condition. This curriculum aims to increase provider comfort and knowledge with treating patients struggling with addiction.

# **Future Directions + Resources**

- This course is designed to be easily modified to fit into the Child Health Associate/Physician Assistant (PA) degree program's Psychiatry block
- Pre-post test survey and quiz data analysis can guide curricular improvement
- Identify and address additional curricula gaps such as:
  - Clinical exposure to addiction medicine
  - Substance use disorder in pregnancy

Scan here to see additional COPE Curriculum Winners

		nine "Micro-Dosing" Induction
	w doses and	when starting buprenorphine/naloxone, d increase slowly. Please follow the if there are any problems.
OSES:		0.5mg 0.5mg
use <mark>2mg bupre</mark> r	norphine/n	naloxone films: 0.5mg 0.5mg
5mg or 1/4 <sup>th</sup> of a 2r 2mg film into two e ½ of a 2mg film).	mg film). equal pieces t	to further prepare the films.
use <mark>8mg bupre</mark> r	orphine/n	naloxone films. You do
urther prepare th	hese films.	2mg
RUCTIONS:		
ur 1 <sup>st</sup> dose of xone about 10-	Day 1:	Take ¼ of a 2mg film (0.5 mg) ONCE
using any	Day 2:	Take ¼ of a 2mg film (0.5 mg) TWICE dai
ubstances (i.e. thadone,	Day 3:	Take ½ of a 2mg film (1 mg) TWICE daily
)	Day 4:	Take one full 2mg film (2mg) TWICE dail
<i>your tongue</i> letely.	Day 5:	Take two full 2mg films (4mg) TWICE dai
	Day 6:	Take one full 8mg film (8mg) TWICE dail
	Day 7:	STOP using any non-buprenorphine opioid-based substances. Continue takin buprenorphine/naloxone 8mg films TWI
-		or THREE TIMES daily (as advised by you medical provider).
X	PLEASE RET	FURN TO CLINIC ON:
1		

