

# EVALUATION OF A MEDICATION FOR OPIOID USE DISORDER CURRICULUM FOR EMERGENCY RESIDENTS

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#### Introduction

Buprenorphine is a safe, effective, and life-saving medication for opiate use disorder (MOUD), but several barriers have slowed its incorporation into emergency medicine (EM) practice:

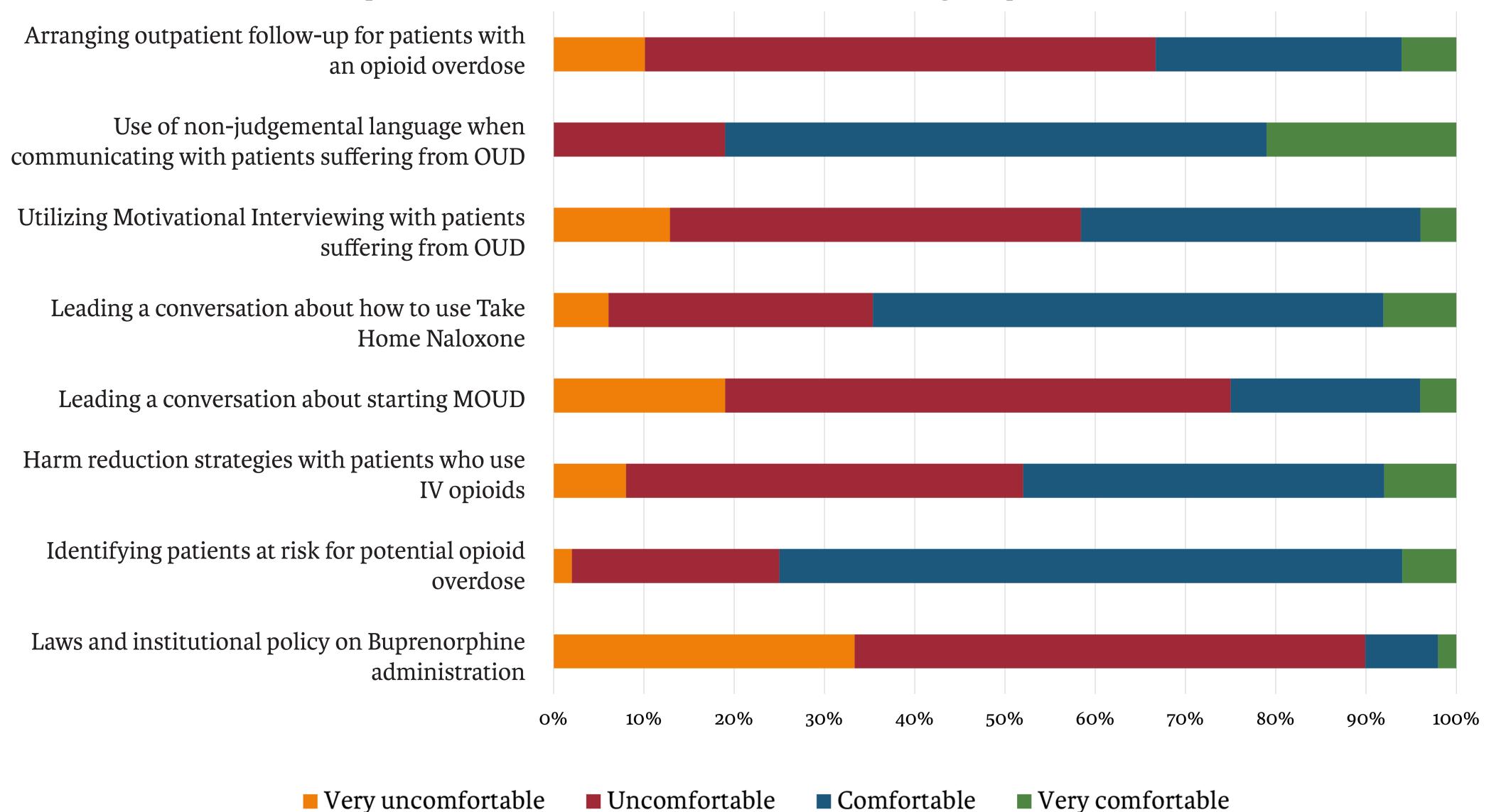
- knowledge gaps about prescribing MOUD
- stigmatizing attitudes about substance use disorders
- lack of a standardized curriculum in EM residency programs

Our program aimed to address these barriers through the development and delivery of a multimodal MOUD curriculum for EM residents at a four-year, university-based EM residency.

## Methods

An initial needs assessment (*figure 1*) revealed significant discomfort with the legal, institutional, and logistical aspects of ED initiation of MOUD.

FIGURE 1
Rate your comfort with the following topics:



### Results

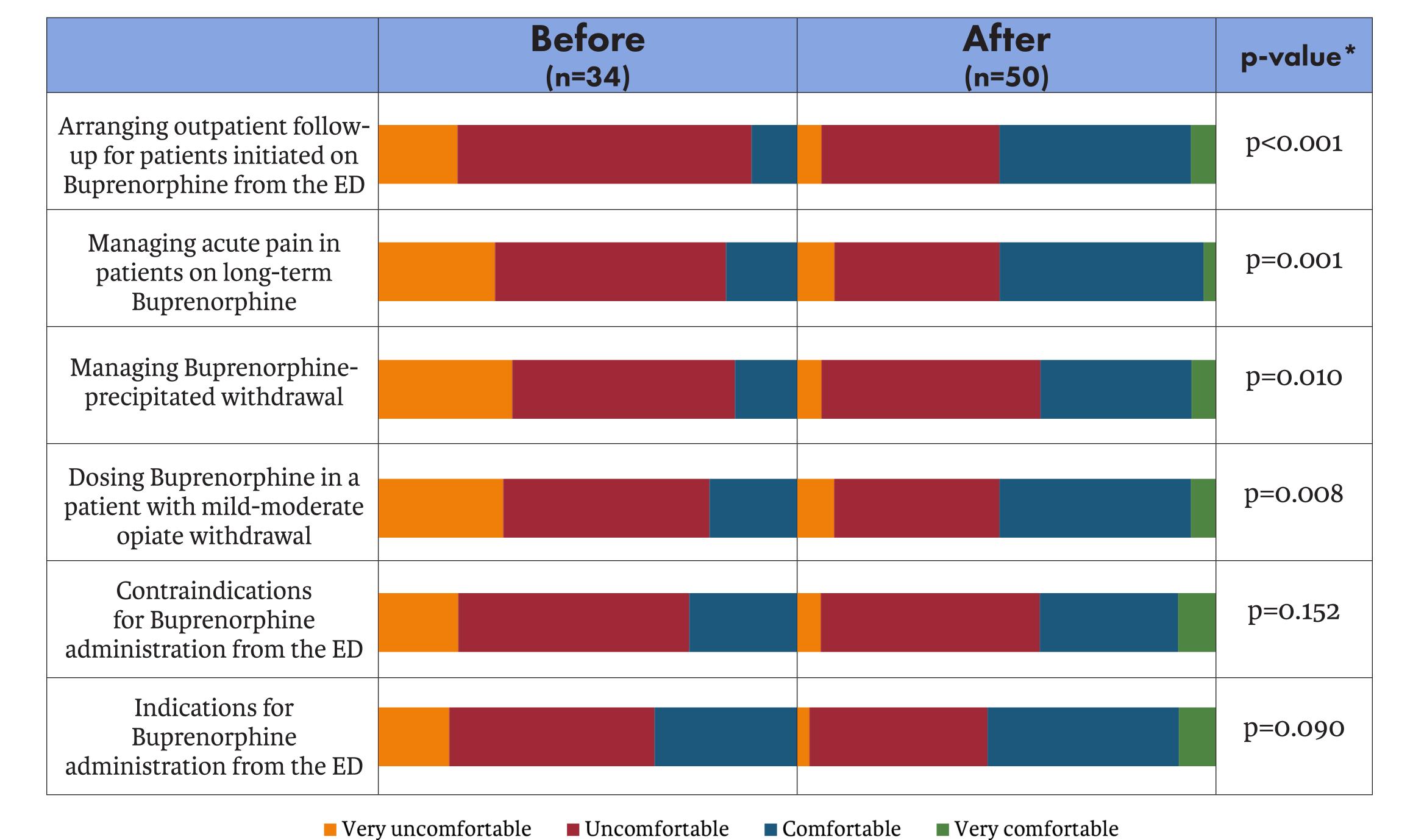
We developed and delivered targeted education on these topics (*figure 2*), as well as other issues related to MOUD and harm reduction.

FIGURE 2

Date	Lecture	Attendance
9/29/2021	"Harm Reduction for Opioid Use Disorder"	41
10/13/2021	"Introduction to Harm Reduction"	45
11/3/2021	"Disparities in care for patients with Opioid Use Disorder"	41
11/10/2021	"Buprenorphine in the ED"	51
12/8/2021	"OUD: Classic Scenarios and Cases"	43
7/20/2022	Morbidity and Mortality Conference: OUD	51
8/18/2022	Journal Club: MOUD and Harm Reduction	15

Surveys measured knowledge gains and attitudes (figure 3) at the beginning, midpoint, and end of our curriculum.

FIGURE 3



<sup>\*</sup>Chi-square tests are for the difference in proportion between respondents before and after the intervention who reported "Comfortable" or "Very comfortable" for each question.

## Conclusions

Targeted educational offerings for EM residents *increased* confidence and comfort with MOUD and harm reduction.

A universal curriculum for EM residents holds promise for improving the care of patients with OUD in the ED.

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