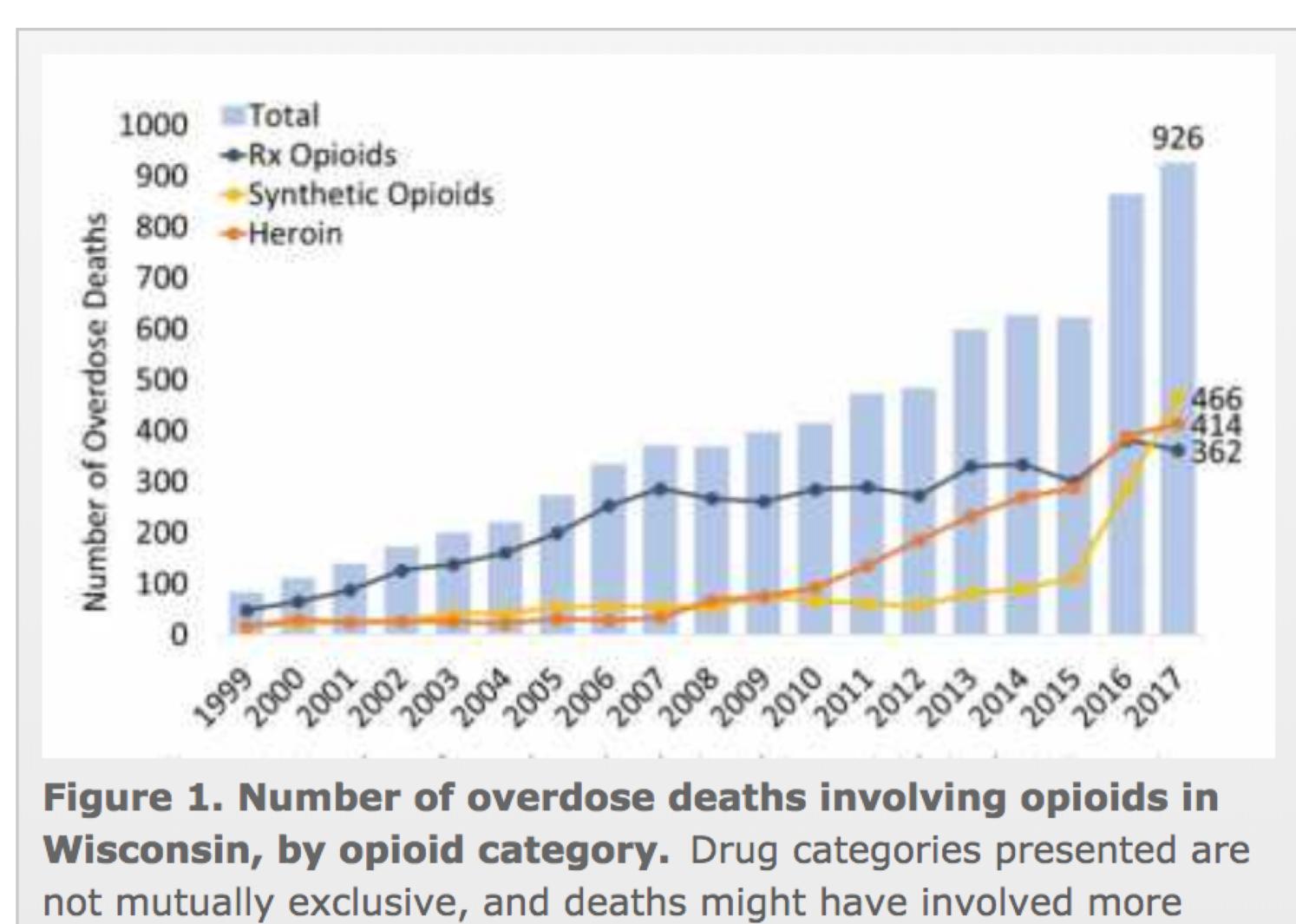
A Model to Provide Medication-Assisted Treatment for Opioid Use Disorder in a Rural Residency Clinic

Introduction

- □ Wisconsin experienced 16.9 opioid-related deaths/100,000 persons in 2017, higher than the national average¹
- □ Medication-assisted treatment (MAT) with buprenorphine/naloxone is effective for opioid use disorder (OUD)^{2,3,4}
- \Box 60% of rural counties lack a physician able to prescribe buprenorphine⁵
- □ Barriers that limit widespread use of MAT in rural clinics include time constraints, lack of behavioral health resources, and specialty care support⁵
- □ The UW Belleville Family Medicine clinic provides MAT, partners with a county-level AODA program and has access to a state-wide telemedicine program



Objective

□ Assess initial quality outcomes in a new rural MAT program designed to address three barriers limiting widespread uptake of MAT: time constraints, lack of behavioral resources, and lack of specialty care support

than one substance. Source: CDC WONDER

Methods

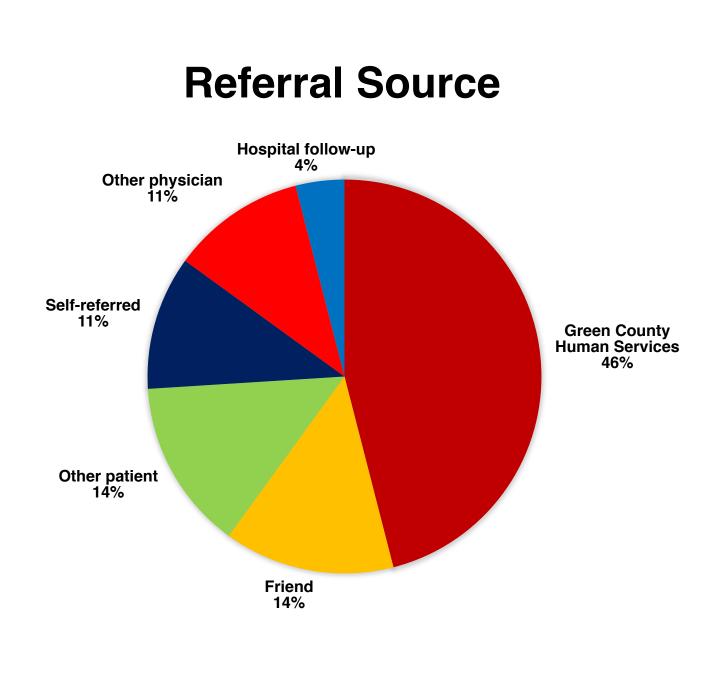
- Given Service And with behavioral therapy as needed, which included referral to county-level AODA services
- □ MAT providers had access to continuous addiction medicine phone consultation and a state wide tele-medicine program (Project ECHO)
- □ If buprenorphine induction was recommended, this was done with at-home induction, if not contraindicated, using RN telecommunication and administration of the subjective opioid withdrawal scale (SOWS)
- Primary outcomes
- o MAT retention at 3 months
- o MAT retention at 6 months
- o Monthly relapse rates (urine drug screen or patient report) within each of the first 6 months of treatment
- Secondary outcomes
- o Access to care (days between first contact and first appointment)
- o Involvement in any form of behavioral health

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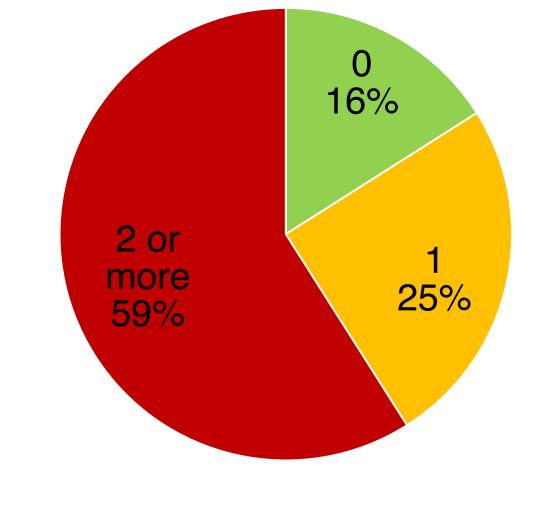
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Patient Characteristics

□ From July 2018 to May 2019, 32 patients (34±9.9 years; 28% female) met criteria for moderate-to-severe opioid use disorder and were treated using MAT

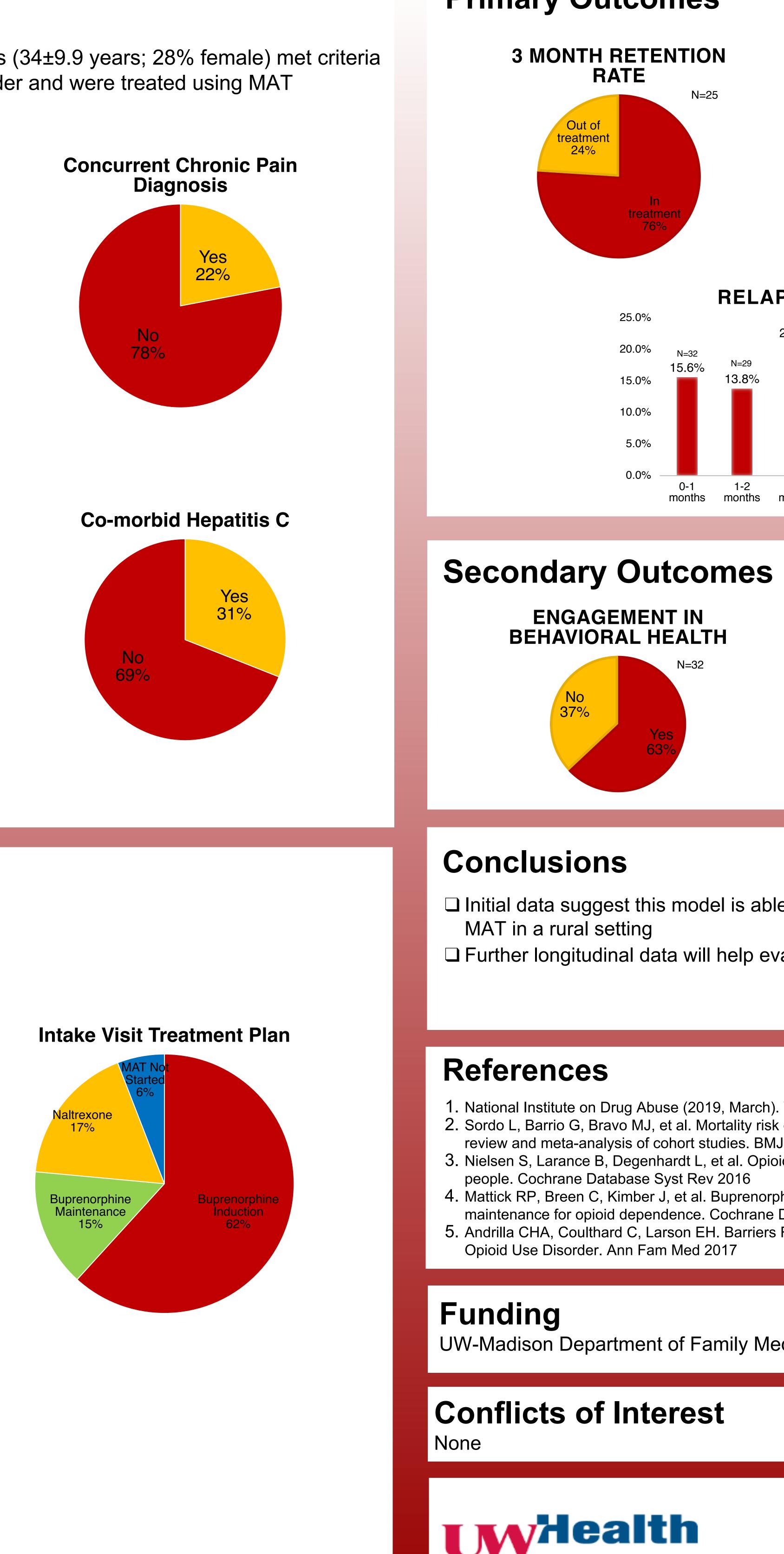


Psychiatric Co-morbidities

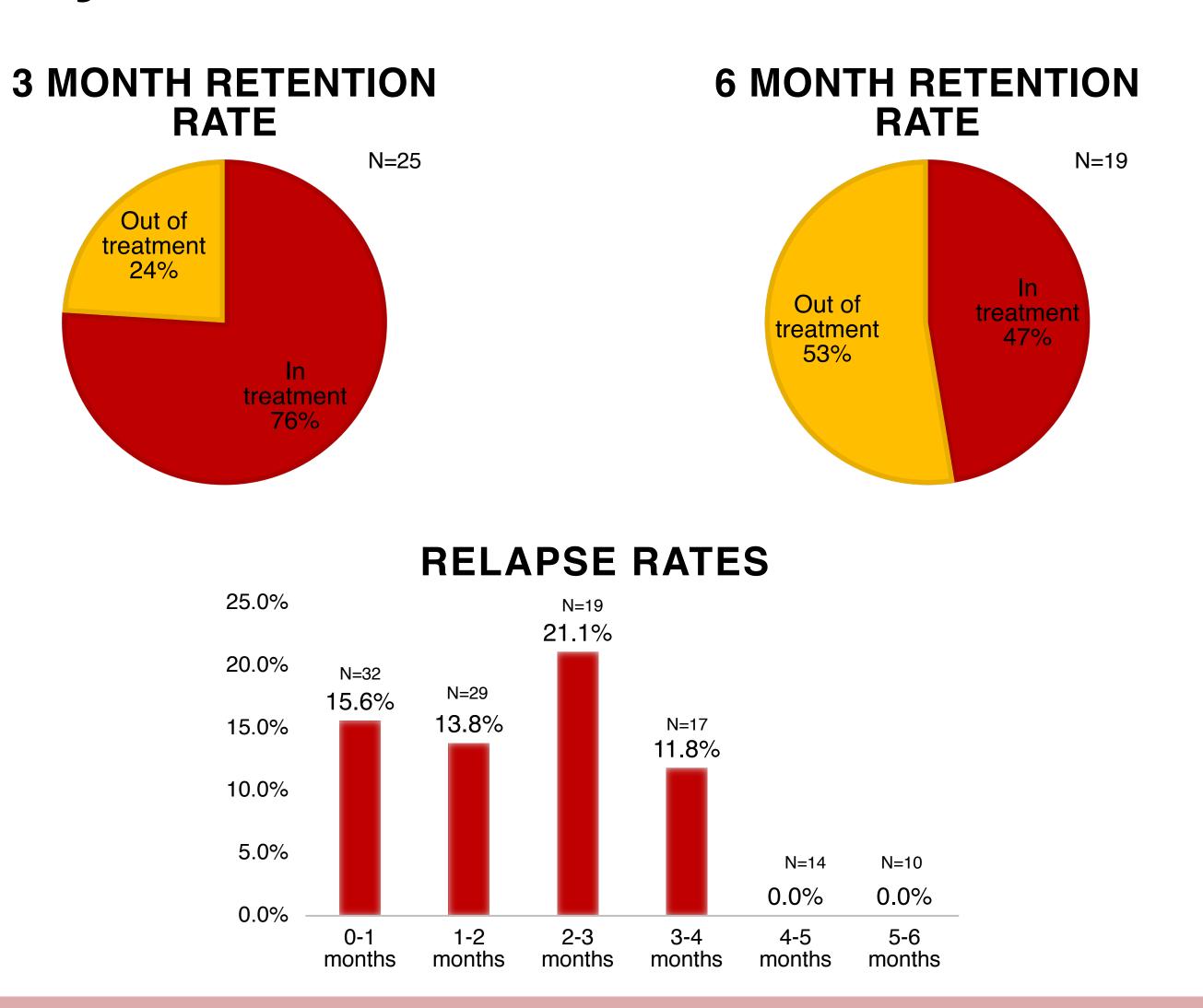


Intake Visit

- □ As of May 2019, 5 of 9 residents and 6 of 6 faculty had buprenorphine waiver
- □ Standard note template to discuss: o Opioid use history, longest period of abstinence, barriers to stop use
- o Substance use contacts, legal issues, motivators to quit, support system
- o Other substance use, treatment history
- o Psychiatric history
- □ DSM V Criteria for diagnosis of moderate-to-severe opioid use disorder
- □ Discussion of MAT options –
- buprenorphine, naltrexone, methadone □ Rx for naloxone
- □ Referral to Green County AODA or therapy if indicated
- □ Labs CMP, Hep B, Hep C, HIV, INR, UDS
- □ If buprenorphine in-clinic induction vs home induction



Primary Outcomes





ACCESS TO CARE

 \Box Mean = 10 days ± 11.5 days \Box Median = 7 days

□ Initial data suggest this model is able to address the barriers to providing

□ Further longitudinal data will help evaluate quality MAT metrics

. National Institute on Drug Abuse (2019, March). Wisconsin Opioid Summary.

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maintenance for opioid dependence. Cochrane Database Syst Rev 2014

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