Mission: To engage Northern Michigan in a Coordinated Response to Reduce Substance-Use Disorders
Panelists

- MaryLee Pakieser, MSN, RN, FNP-BC, Correctional Health Provider, Advanced Correctional Healthcare Inc
- Muhammad Abdelhai, MD-Internal Medicine, Recovery and Addiction Services Medical Director, Thunder Bay Community Health Services
- Robert McMorrow, DO, Director of Addiction Medicine Clinical Services, MidMichigan Community Health Services & Consulting Physician / Michigan Opioid Collaborative (MOC)
- Jean Talsma, MS, DO, Medical Director, Western Michigan Comprehensive Treatment Center & Bear River Health
- David McGreaham, MD, Contracted Medical Director, Northern Michigan Opioid Consortium
Medications to Treat Opioid Use Disorders

Goals

- Alleviate signs/symptoms of physical withdrawal
- Opioid receptor blockade
- Diminish and alleviate drug craving
- Normalize and stabilize perturbed brain neurochemistry

Options

Opioid Antagonist
- Naltrexone full antagonist

Opioid Agonist
- Methadone full agonist
- Buprenorphine partial agonist
## MAT/MOUD Prescriptions 2020 and 2022

<table>
<thead>
<tr>
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<th>2020</th>
<th>2022</th>
<th>Change</th>
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</thead>
<tbody>
<tr>
<td># Patients Prescribed in Region</td>
<td>5,980</td>
<td>7,600</td>
<td>+ 1,620</td>
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<tr>
<td># Patients Receiving</td>
<td>6,346</td>
<td>7,253</td>
<td>+ 907</td>
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2022 Patients by County

- Cheboygan: 146/310
- Emmet: 997/474
- Oscoda: 6/74
- Otsego: 1465/244
- Presque Isle: 103/155
- Grand Traverse: 1895/1073
- Wexford: 162/420

- Locations
  - Alcona Health
  - Bear River Health
  - Harbor Hall
  - NMSAS Gaylord
  - Thunder Bay Health
  - MidMichigan-Houghton Lake
  - Mobile Units
The U.S. Food and Drug Administration approved Brixadi (buprenorphine) extended-release injection for subcutaneous use (under the skin) to treat moderate to severe opioid use disorder (OUD). Brixadi is available in two formulations, a weekly injection that can be used in patients who have started treatment with a single dose of a transmucosal buprenorphine product or who are already being treated with buprenorphine, and a monthly version for patients already being treated with buprenorphine.
LANSING, Mich. – The Michigan Department of Health and Human Services is warning Michigan residents about medetomidine, a new drug identified in overdose deaths. Medetomidine is a veterinary tranquilizer, similar to xylazine, that can cause adverse effects including slowed heart rate, low blood pressure and decreases in brain and spinal cord activity. It is not approved for use in people. Since March, three overdose deaths occurred in Ingham, Berrien and Wayne counties. In addition to medetomidine, testing also identified fentanyl and other potent manufactured drugs.

MDHHS is particularly concerned about this drug for the following reasons:

• Medetomidine can cause central nervous system depression and death.
• Like xylazine, medetomidine is not reversed by medications such as naloxone or Narcan.
• Unlike xylazine, testing strips are not yet available to detect this particular drug.
Xylazine

- FDA warns about risk of xylazine exposure in humans – November 8, 2022
- Called “Tranq-dope”
- Seen uptick in Philadelphia and northeast US
- Non-opioid agent the FDA originally approved in 1972 as sedative for use in veterinary medicine,
- Structurally similar to clonidine, and tizanidine and may share clinical effects
  - Doesn’t seem to have affect on the imidazoline receptor – hypotension and bradycardia
Xylazine withdrawal

• Major symptom is Anxiety
• Duration few days to weeks
• Overlap with opioid withdrawal syndrome
• Anxiety irritability, restlessness
• Some corollary to clonidine withdrawal
  • Hypertension, tachycardia, diaphoresis, anxiety and agitation
  • Manage with sedative/hypnotic withdrawal
    • First line – benzo, phenobarbital
    • Adjunct – Clonidine, Tizanidine, lofexidine, gabapentin, antipsychotics – not great anecdotal effect
Figure 1. Fentanyl Trafficking Flows

- Fentanyl and fentanyl analogues
- Precursor chemicals

- China
- Canada
- United States
- Mexico
A steep increase in fentanyl seizures

Where fentanyl is seized at the U.S.-Mexico border

Fentanyl seizures in FY 2023 (Oct. 2022-June 2023), by border sector and ports of entry
Nearly six pounds of fentanyl seized at Detroit port

By Neely Allen  |  Published July 1, 2024 5:49pm EDT  |  Crime and Public Safety  |  FOX 2 Detroit

DETROIT (FOX 2) - U.S. Customs seized nearly six pounds of fentanyl at the Fort Street Cargo Facility in Detroit on June 2.

The drugs were uncovered through targeted mail inspections. Officers were examining international packages when a K-9 alerted them to the presence of the synthetic opioid.
NALOXONE SAFETY KIT

Contents:
- Naloxone
- Educational Materials including Product Insert
- Disposable CPR Mask
- Powder-Free Nitrile Gloves (2 pair)

www.naloxonesafety.com
July 2024: Naloxone Safety Kits >330

Wherever There is an AED or Public Gathering Place or At-Risk

- Schools  175
- Libraries  40
- Public Gathering Places
- Businesses
- Casinos
Naloxone Distribution Boxes
EVERYONE HAS THE POWER TO SAVE A LIFE

BUY NOW

available at amazon

*USE AS DIRECTED
NMORC updates

• Partnered with Community Recovery Alliance, RCO
  • Drivers license restoration clinic-served over 100 people
    • July 16, 10-2pm in Petoskey
    • July 18, 10-4 in Gaylord

• Jail release simulation training for the Grand Traverse community in May 2024
  • Partnership with Before During and After Incarceration, Keys to Freedom, Offender Success and NMORC
  • Purpose is to understand the barriers individuals face post incarceration
    • NMORC is exploring hosting another one in Kalkaska/Antrim and Petoskey

• Mental Health First-Aid
6-Part Behavioral Health webinar series

1. Assessments-February 13, 130 attended
2. Medical Necessity Criteria-April 9, 90 attended
3. Treatment Planning-June 11, 118 attended
4. Documentation-August 13
5. Crisis Intervention-October
6. Discharge Planning-December

The general theme is that the series will go through a patient's entire episode of care-from intake/assessment all the way to discharge from care.

Target Audience: Social Workers and Counselors working in a SUD or Mental Health Setting: Detox/Inpatient Psych, Residential, Partial Hospitalization, Intensive Outpatient, Outpatient. Series is also ideal for behavioral health techs and case managers.
Grand Traverse County Opioid Settlement Task Force

- Quick-Response Team
- Drug Court Support
- Housing

Overdose Fatality Reviews via Mi PHI

- A multidisciplinary review of a person’s death, led by the Medical Examiner’s office, that leads to the identification of gaps in resources, care or services, and provides insight into what might need to happen to prevent future deaths
- Grand Traverse County starting fall/winter
- Iosco Co SFC Aug 28th