Maryland’s Opioid Epidemic: Statewide Approach

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Disclosure

I do not have any relevant financial relationships to disclose.
Objectives

By the end of this presentation participants will be able to:

• Recall the impact of opioid misuse in Maryland.

• Identify Maryland’s response to the opioid epidemic implemented through strategic programs, initiatives, or activities at the state and local levels.

• Identify Maryland’s prevention efforts toward the reduction of pregnancy-associated overdose at the state and local levels.
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1. Impact of opioid crisis
2. Maryland’s response to the opioid crisis
3. Pregnancy-associated opioid overdose in Maryland
4. Local level implementation of opioid misuse prevention activities
2018 Data Trends

Number of Opioid-Related Deaths Occurring in Maryland by Substance, 2007-2018

*Total opioids include heroin, prescription opioids, and illicit forms of fentanyl.
2018 Data Trends

Number of Heroin-Related Deaths Occurring in Maryland, 2007-2018

Source:
(accessed 9/11/2019)
2018 Data Trends

Number of Fentanyl-Related Deaths Occurring in Maryland, 2007-2018

Source:
(accessed 9/11/2019)
2018 Data Trends
Number of Deaths Occurring in Maryland by Selected Prescription Opioids, 2007-2018

Maryland’s Response to the Opioid Crisis
Overview of Activities, Initiatives, and Programs
Overview of Activities, Initiatives, and Programs

State Response to Opioid Crisis

• Prevention
  • Maryland Heroin and Opioid Task Force and Coordinating Council
  • 2017 Heroin and Opioid Prevention, Treatment, and Enforcement Initiative

• Harm reduction
  • State Targeted Response to the Opioid Crisis (STR) and State Opioid Response (SOR) grant programs
  • Opioid Misuse Prevention Program (OMPP)

• Treatment
  • CRISP Opioid Indicators Dashboards
  • Overdose Response Program (ORP)

• Enforcement
  • Overdose Fatality Review (OFR)
  • Overdose Survivors Outreach Program
Maryland Heroin and Opioid Task Force and Coordinating Council

• Governor Larry Hogan established the Council and the separate Heroin and Opioid Emergency Task Force by Executive Order on February 24, 2015.
• Council includes multiple state agencies
  • provide the opportunity to share data for the purpose of supporting public health and public safety responses to the heroin and opioid crisis.
  • serve to develop recommendations for policy, regulations, and legislation to facilitate improved sharing of public health and public safety information among State agencies.
Overview of Activities, Initiatives, and Program

2017 Heroin and Opioid Prevention, Treatment, and Enforcement Initiative

- Hogan-Rutherford administration declares state of emergency, commitment of additional funding (March 2017)
  - Creation of Opioid Operational Command Center
  - Building on the Council and Task Force’s recommendations has coordinated with its partner agencies to develop and implement the Inter-Agency Heroin and Opioid Coordination Plan.

- 2017 Opioid-related legislation passed
  - At least 30 bills introduced to combat the opioid crisis
  - Proposals focused on prevention, treatment, law enforcement, insurance coverage, public awareness
  - Many initiatives from other pieces of legislation merged in the Heroin and Opioid Prevention Effort (HOPE) and Treatment Act of 2017
Overview of Activities, Initiatives, and Program

State Targeted Response to the Opioid Crisis (STR) and State Opioid Response (SOR) grant programs

• STR-funded Maryland Opioid Rapid Rapid Response (MORR)
  • To enhance and expand efforts to address Maryland’s opioid crisis and fulfill the State’s overdose response priorities.
  • The primary statewide overdose response goals for this initiative are to prevent opioid misuse and addiction through enhanced prescriber practices and public awareness, treat opioid dependence by expanding treatment and increasing quality, prevent overdose fatalities through naloxone expansion, and expand recovery supports in the community.
Overview of Activities, Initiatives, and Program

State Targeted Response to the Opioid Crisis (STR) and State Opioid Response (SOR) grant programs

• Maryland’s State Opioid Response (MD SOR)
  • Goals of the MD SOR initiatives:
    • Increase access to Medication Assisted Treatment (MAT), which include medication(s) that are FDA-approved specifically for the treatment of an OUD, and psychosocial interventions
    • Reduce unmet treatment needs
    • Reduce opioid-related overdose deaths through evidence-based prevention, treatment and recovery services.
Opioid Misuse Prevention Program (OMPP)

Program Overview:
• Began January 2015
• Approximately $1.6 million/yr to 18 jurisdictions in grants (one regional effort of five counties)
• Strengthen and enhance local overdose prevention plans
• Support/establish overdose fatality review teams
• Implement evidence-based opioid misuse prevention strategies in Maryland

Program Purpose:
• Reduce local contributing factors (which will...)
• Reduce opioid misuse (which will...)
• Reduce opioid overdoses (which will...)
• Reduce overdose fatalities (ultimate goal)
Overview of Activities, Initiatives, and Program

Local Level OMPP Strategy Implementation

Primary Strategies:

• Social Marketing Campaigns
• Prescription drug take back events
• Parent/Youth-targeted education training on perception of risks
• Expanding prescription drug lock boxes and drop off locations

Secondary & Tertiary Strategies:

• Raising public awareness of the Good Samaritan Law (GSL)
• Naloxone programs/training
• First Responder Training and Education (Good Samaritan Law, Outreach, and/or Naloxone)
The following dashboards are currently available:

• the **Prescription Drug Monitoring Program (PDMP) dashboard** (“PDMP Dashboard”) - displays information on controlled dangerous substance (CDS) prescriptions dispensed in Maryland and reported to the PDMP.

• **Overdose-related hospital encounters dashboard** (“Overdose Dashboard”) - displays information on acute drug and alcohol intoxication-related hospitals encounters (both inpatient and outpatient) in Maryland acute care hospitals and reported to the Hospital Services Cost Review Commission (HSCRC).
Overdose Response Program (ORP)

• Goal: Provide a means of authorizing non-medical individuals to:
  • Receive training on opioid recognition and response with naloxone
  • Acquire, possess and administer naloxone to someone experiencing suspected opioid overdose when emergency services not immediately available
• MDH authorizes entities to train individuals
• Trainees may be prescribed/dispensed naloxone and administer it in an emergency situation
• Legal protections for naloxone prescribers/dispensers and individuals who administer naloxone
Overdose Fatality Review (OFR)

- Multi-agency/multi-disciplinary team assembled at local (county/Balt. City) level to conduct confidential reviews of overdose death cases

- Local OFR teams are operational in 19 of 24 jurisdictions and meet at least quarterly to review cases

- Goal to prevent future deaths by:
  - Identifying missed opportunities for prevention and gaps in system
  - Building working relationships between local stakeholders on OD prevention
  - Recommending policies, programs, laws, etc. to prevent OD deaths
  - Informing local overdose prevention strategy
Uses peers in hospital emergency rooms and in the field to offer recent overdose survivors linkage to treatment services, naloxone training, and a consistent point of contact should someone wish to enter care.
Pregnancy-Associated Opioid Overdose in Maryland

Impact, Prevention & Treatment Options
### Pregnancy-Associated Opioid Overdose Fatality Data

#### Opioid Identified Postmortem, Pregnancy-Associated Unintentional Overdose Deaths, Maryland, 2010-2016

<table>
<thead>
<tr>
<th>Opioid</th>
<th>Number of cases (n=57)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morphine (heroin)</td>
<td>23</td>
</tr>
<tr>
<td>Methadone</td>
<td>15</td>
</tr>
<tr>
<td>Fentanyl / fentanyl analogs</td>
<td>14</td>
</tr>
<tr>
<td>Oxycodone</td>
<td>10</td>
</tr>
<tr>
<td>Unspecified opioid</td>
<td>6</td>
</tr>
<tr>
<td>Tramadol</td>
<td>4</td>
</tr>
<tr>
<td>Codeine</td>
<td>3</td>
</tr>
<tr>
<td>Oxymorphone</td>
<td>2</td>
</tr>
<tr>
<td>Buprenorphine</td>
<td>1</td>
</tr>
<tr>
<td>Hydrocodone</td>
<td>1</td>
</tr>
<tr>
<td>Hydromorphone</td>
<td>1</td>
</tr>
<tr>
<td>Meperidine</td>
<td>1</td>
</tr>
</tbody>
</table>

**NOTE:** The values in the table do not add up to the sample size of 57 because multiple drugs can be detected in a single case.

### Prevention and Treatment Options

#### 2018 Maternal Mortality Review Recommendations

<table>
<thead>
<tr>
<th>MMR Recommendations - Overdose Deaths</th>
<th>Action Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promote universal screening at least once during pregnancy, at delivery, and postpartum for substance use, mental health, and intimate partner violence conditions.</td>
<td>Create and disseminate a resource list of valid screening tools for substance use, mental health, and intimate partner violence.</td>
</tr>
<tr>
<td>Document screening tools used, referrals given, and treatment plans in perinatal records.</td>
<td>Create and disseminate a resource list of referral service options by Maryland jurisdiction.</td>
</tr>
<tr>
<td>Reduce unintended pregnancy and encourage reproductive life planning.</td>
<td>Strive for a single point of contact for behavioral health services to facilitate provider access and care coordination among providers.</td>
</tr>
<tr>
<td>Improve communication and collaboration between providers of prenatal care and other providers (mental health, substance use, primary care, oral health, etc.).</td>
<td>Promote integration of reproductive life planning and preconception counseling into health care visits by all disciplines.</td>
</tr>
<tr>
<td>Promote interdisciplinary care management among substance use, mental health, and obstetric providers.</td>
<td>Encourage use of Long Acting Reversible Contraception (LARC) for women who indicate they do not desire to become pregnant.</td>
</tr>
<tr>
<td>Improve safe opioid prescribing practices.</td>
<td>Promote the importance of establishing linkages and relationships to ongoing care during the perinatal and postpartum period.</td>
</tr>
<tr>
<td>Encourage Prescription Drug Monitoring Program (PDMP) utilization by providers.</td>
<td>Facilitate obtaining medical records from behavioral health service providers so that the obstetric chart has complete information of the patient’s behavioral health care.</td>
</tr>
<tr>
<td>Encourage naloxone co-prescribing and 3rd party prescribing (prescribing for family or friends of individuals at risk of overdose).</td>
<td>Provide obstetric support to behavioral health providers in the care of the pregnant patient.</td>
</tr>
<tr>
<td>Inform substance use treatment providers about perinatal health.</td>
<td>Raise provider awareness about substance use during pregnancy and promote current resources and trainings.</td>
</tr>
<tr>
<td>Educate providers on the use and importance of the PDMP.</td>
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</tr>
<tr>
<td>Train providers, patients, and families on naloxone use and response to opioid overdose.</td>
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<tr>
<td>Inform patients and families about the Maryland Good Samaritan law pertaining to response to an overdose emergency.</td>
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</tr>
<tr>
<td>Develop consultation resources on perinatal and reproductive health issues for mental health and substance use treatment providers.</td>
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</tr>
</tbody>
</table>

Prevention and Treatment Options

Reducing Pregnancy-Associated Overdose Deaths in Maryland

Additionally, MMR Committee supports...

• Perinatal Neonatal Quality Collaborative in partnership with the Maryland Patient Safety Center

• Maryland SBIRT (Screening, Brief Intervention, and Referral to Treatment) Project

• Provider Resources made available by MedChi’s Opioid Task Force

• MMR Committee Provider Alerts to disseminate information about maternal deaths in Maryland

Local Level Implementation of Opioid Misuse Prevention
Collaboration with rehabilitation/treatment centers:
Educate and provide resources to women/women of childbearing age to prevent neonatal abstinence syndrome, maternal opioid dependence and relapse.

Topics include:
- self care
- stress management
- coping skills
- pain management
- treatment options
Thank You!!

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