Opioid Stewardship in Pediatrics

KAAP Progress in Pediatrics
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Disclosure

- I have no relevant financial relationships with the manufacturer(s) of any commercial product(s) and/or provider of commercial services discussed in this CME activity.

- I do not intend to discuss an unapproved/investigative use of a commercial product/device in my presentation.

Report: Kansas documents 5% surge in drug overdose fatalities in early 2021

Issue brief: Nation’s drug-related overdose and death epidemic continues to worsen

As overdose deaths hit new peak, Missouri’s response is divided
Impact

- 2011 Opioid epidemic declaration ¹
- 2011-2018 Opioid overuse hospitalizations increase 42% ²
- 2011-2018 Opioid overuse ED visits increase 91% ²
- 2016 U.S. life expectancy has fallen by 2.5 months ³
- 2017 1.3 trillion-dollar economic impact ⁴
- 2020 70,168 opioid overdose deaths nationally ⁴
How can the opioid crisis be a pediatric problem?

- Neonates
  2010-2017 82% increase in Neonatal Abstinence Syndrome

- Toddlers
  2004-2011 200% increase in ED visit due to opioid ingestion

- Adolescents
  5-fold increase in death rates from opioid overdose in the 15–24-year age group

Opioid Stewardship
Risk Mitigation Strategies

- Prescribing

- Patient/Family Education

The process of prevention of harm by evaluating the data from the assessment of risks and data collected

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“The availability of opioids in home settings increases the risk of children and teens finding and ingesting the medication, either intentionally or unintentionally.”

Patient/Family Education:

- The importance of understanding the risks of opioid use in children and teenagers
- The importance of safe storage and secure disposal of opioid medications
- The importance of educating family members about the risks of opioid use in children and teenagers

Prescribing:

- The importance of effective pain management strategies
- The importance of considering non-opioid alternatives for pain relief
- The importance of monitoring opioid use and adjusting doses as necessary

The process of prevention of harm by evaluating the data from the assessment of risks and data collected.
Family satisfaction with post surgical pain management

July 2019

March 2022

Risk Mitigation at home
The Problem

- **Toddlers**
  60,000 (0-5 years old) unintentional ingestions annually

- **Adolescents**
  5 fold increase in opioid overdose in the 15 to 24 year age group 2,7

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Age by Sex

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Opioid disposal

July 2019
March 2022
Meeting parents in the midst of a crisis is not the best time to provide education, and it often feels too late in the process.

Prevention is needed.
Flyers: We are happy to mail you some! preppedandready@cmh.edu

“...give patients all the opioids they need, but none that they don’t.” - Barry Meiselberg (Anne Arundel MC)

ANTI-Opioid    PRO-Opioid

PRO-Patient

Stewardship
The careful and responsible management of something entrusted in one’s care.
References