

Heantos-4

Pain and Addiction Medicine Application

Pouya Azar, MD

Disclosures

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- Speakers Bureau/Honoraria: None
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- Other: None

Acute Pain and Withdrawal Management

Maximize Analgesia

Minimize Opioid withdrawal

Minimize Harm

• **Multimodal Analgesia**

- NSAID
- Acetaminophen
- Ketamine infusions
- Lidocaine infusions
- Neuropathic agents
- Cannabinoids
- Regional blocks

• **Opioids**

• **Opioids dose escalation**

- Excess sedation
- Decreased respiratory drive
- Aspiration
- Delirium
- Opioid induced hyperalgesia
- GI: Nausea, Vomiting constipation
- New persistent opioid use

Acute Pain and Withdrawal Management

Research

JAMA Surgery | **Original Investigation**

New Persistent Opioid Use After Minor and Major Surgical Procedures in US Adults

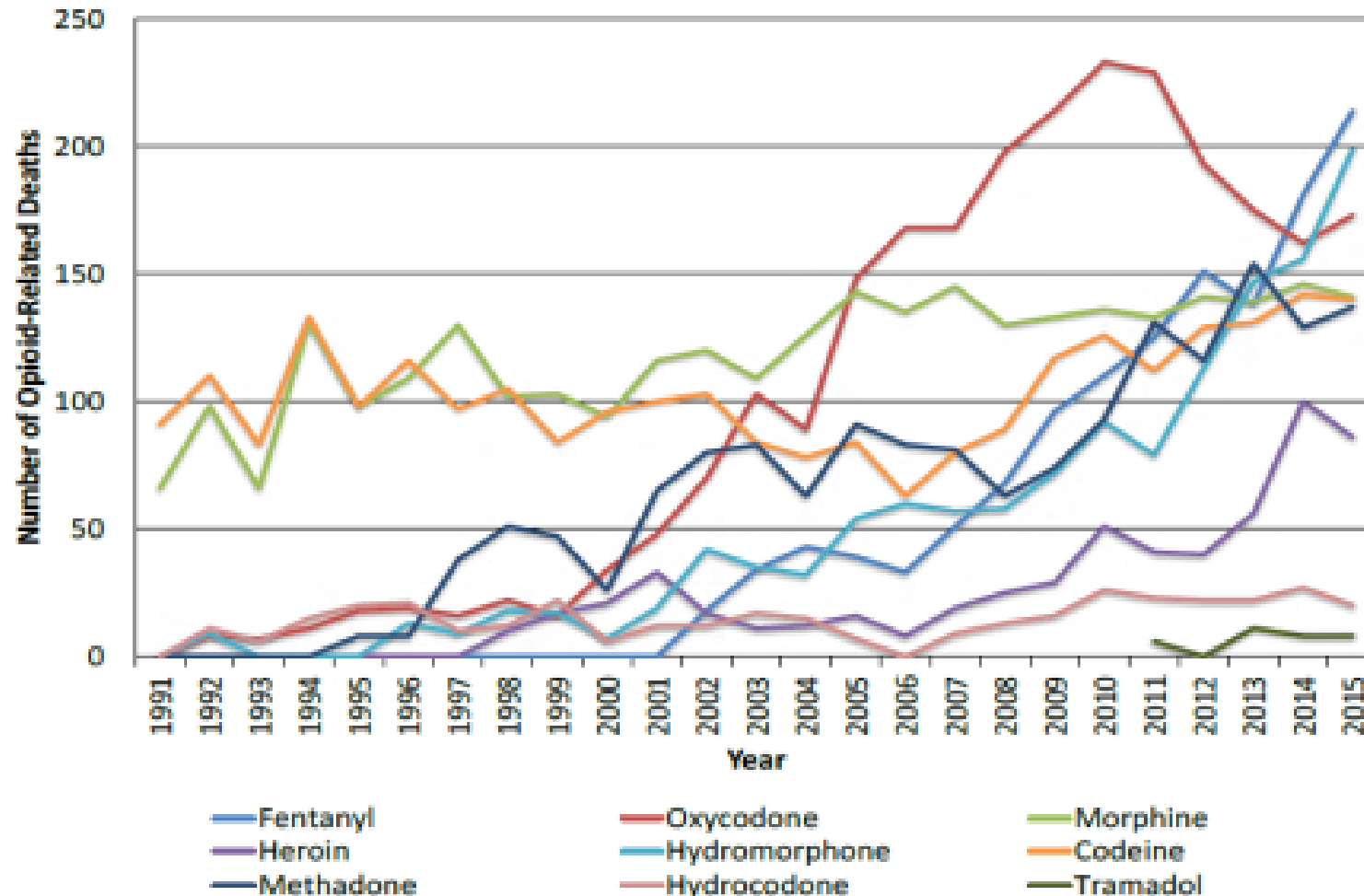
Chad M. Brummett, MD; Jennifer E. Waljee, MD, MPH, MS; Jenna Goesling, PhD; Stephanie Moser, PhD;

CONCLUSIONS AND RELEVANCE New persistent opioid use after surgery is common and is not significantly different between minor and major surgical procedures but rather associated with behavioral and pain disorders. This suggests its use is not due to surgical pain but

OBJECTIVE To determine the incidence of new persistent opioid use after minor and major surgical procedures.

Opioid Overdose Epidemic

Figure 2: Trend in Opioid-Related Deaths in Ontario by Type of Opioid Involved, 1991 to 2015

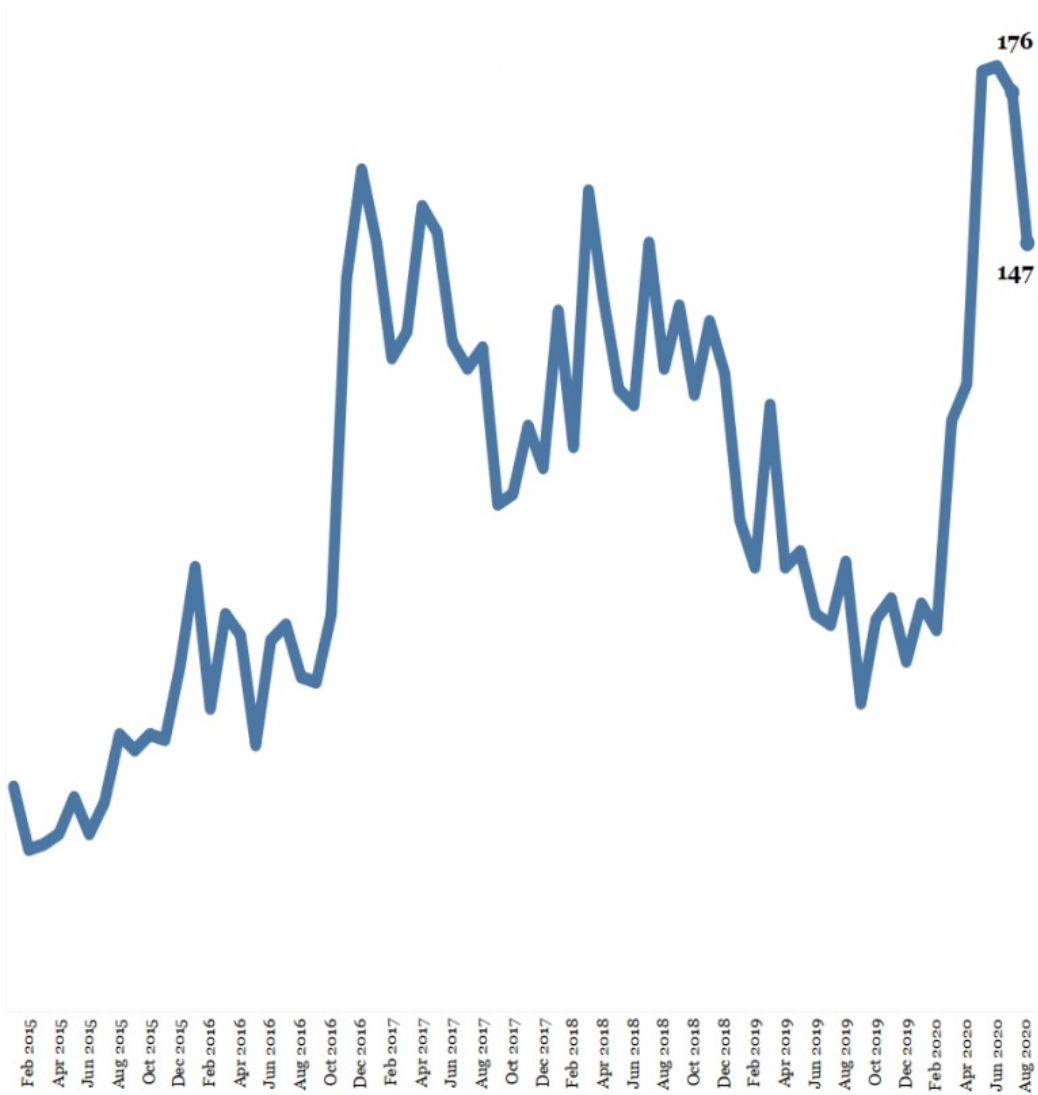


Note: 20 deaths from 2015 where details on specific opioid involvement was unavailable are not reported in this figure.

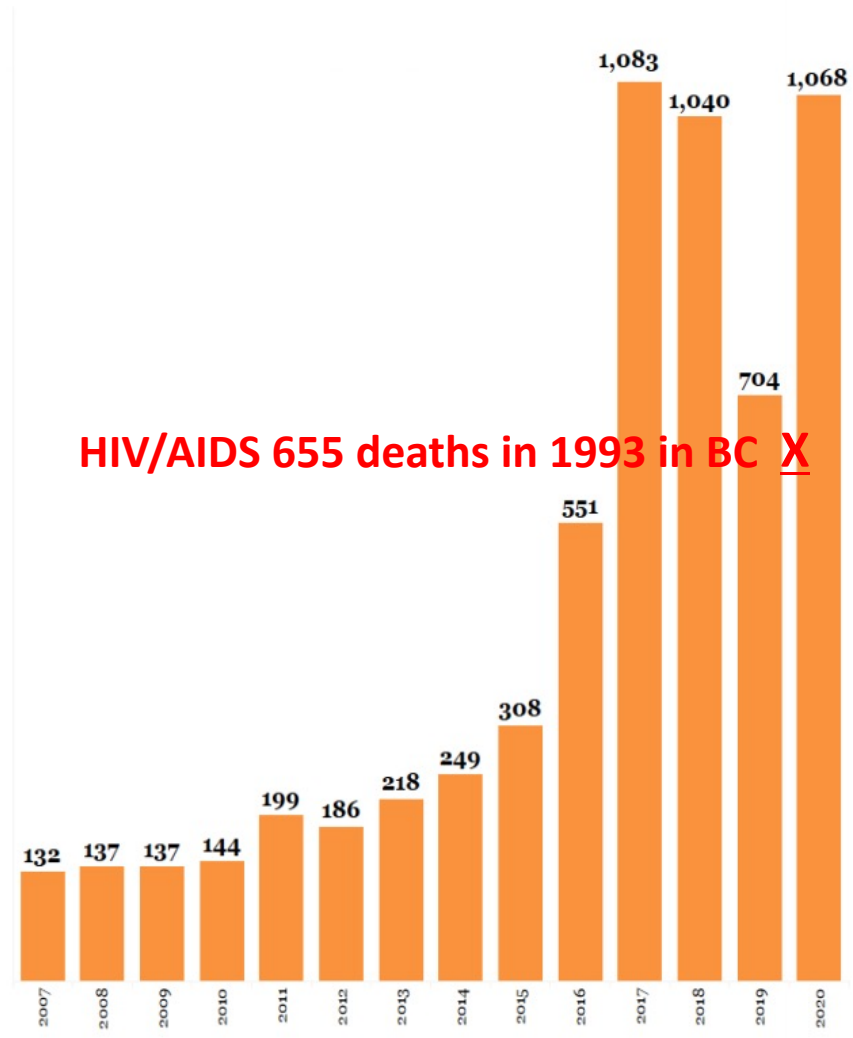
Gomes, T. (2017). Latest trends in opioid-related deaths in Ontario: 1991 to 2015. Ontario Drug Policy Research Network.

Opioid Overdose Epidemic

Illicit Drug Overdose Deaths by Month, BC



Illicit Drug Overdose Deaths by Year by Aug



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Pain Application

- Monotherapy Analgesic
 - Acute
 - Chronic pain
 - Palliative medicine
- Adjuvant to multimodal analgesic regimen
- Opioid like adjuvant during in hospital opioid taper
- Opioid like adjuvant during outpatient opioid taper

Addiction Application

- Monotherapy Analgesic
 - Opioid alternative for patients with history of OUD
- Adjuvant analgesic to avoid opioid escalation in patients with history of OUD
- Opioid like adjuvant during titration of OAT
- If detox is the patient's goal and patient refuses OAT, opioid like adjuvant during opioid taper to minimize withdrawal and discomfort

Thank You

Questions?