



Opioids - Fentanyl - Naloxone

Public Health Nurse

What are Opioids?

- Opioids are a family of drugs that treat pain and can cause sleepiness.

Prescription (legal) Opioids fall into 3 main categories:

1. Naturally occurring in opium: Codeine & Morphine
2. Semi –Synthetic: hydromorphone (Dilaudid) & hydrocodone
3. Synthetic: Demerol & **Fentanyl**



What are Opioids?

Non–Prescription Opioids:

- Heroin, illicit Fentanyl
- Sold on the streets
- Unregulated manufacturing
- Illicit fentanyl mixed with, or substituted for, other drugs



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What is Fentanyl

- Used during surgeries
- Treatment of pain at end of life
- Highly addictive
- 2 types of Fentanyl: **Prescription and Illicit**



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Prescription Fentanyl

- Must be ordered by a doctor and you get it at your pharmacy
- 100 times more toxic than Morphine



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Illicit Fentanyl

- Powder form of Fentanyl
- 14 different Fentanyl analogs
- Majority is made in China
- Varying toxicity levels
- Can be mixed into other street drugs or made to look like fake prescription pills



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Illicit Fentanyl

- Sold as fake prescription medication

Percocet containing Fentanyl



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Illicit Fentanyl

- Other Street Drugs containing illicit Fentanyl
- Powder Fentanyl being sold as cocaine



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Illicit Fentanyl

- A small dose can be lethal



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Canada's Opioid Crisis

- A leading consumer of opioids in the world
- Ontario is the highest consumer in Canada
- British Columbia in 2016: 924 opioid related deaths: Public Health Emergency Called
- At least 5 provinces have confirmed the presence of illicit Fentanyl



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Ontario's Opioid Crisis

- A leading cause of death in Ontario
- 2014: 674 Opioid deaths
- 2015: 735 Opioid deaths, 201 were from Fentanyl
- 463% increase in opioid deaths between 2000 - 2013



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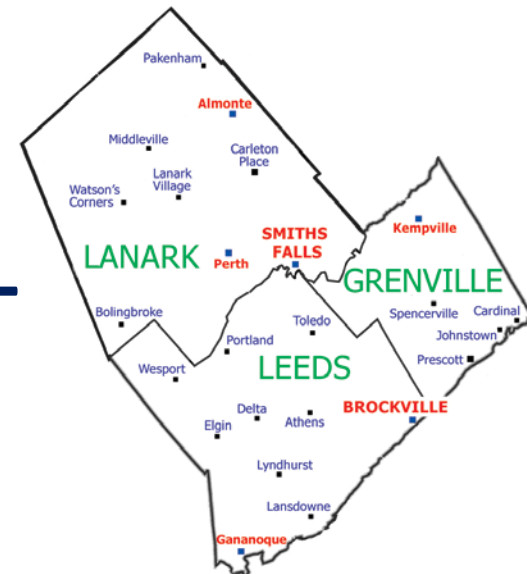
Opioid Use in the LGL

Commonly Misuse Opioids in the LGL

1. Hydromorphone (Dilaudid)
2. Morphine
3. Fentanyl (Patches & Illicit)

Other Drugs Commonly Seen in LGL

- Marijuana
- Cocaine
- Crystal Meth



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Opioid Overdoses in LGL

- Very difficult to get exact numbers
- Many people who experience an overdose never seek medical care
- We have received approx. 25 overdose reports since October 2016, highly under reported
- 20 Naloxone kits have been used successfully since Dec 2014
- **Opioid Deaths 2010 – 2014: 24**



Who is at high risk of an Opioid Overdose?

- Anyone can overdose: **first time using, long term using, all age groups, all income levels**
- No formula to tell us how much of a drug or combination of drugs will lead to an overdose
- People who take a break from use for whatever reason then return to use are at increased risk



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“Downers” Overdose Signs & Symptoms

- Breathing is very slow, erratic or not at all
- Fingernails and or lips are blue
- Body is limp
- Deep snoring or gurgling sounds
- Vomiting
- Loss of consciousness
- Unresponsive to stimuli
- Pinpoint pupils

• Breathing will be slow or gone



• Lips and nails are blue



• Person is not moving



• Person may be choking



• You can hear gurgling sounds or snoring



• Can't be woken up



• Skin feels cold and clammy



• Pupils are tiny



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smartworks

smart gear

Smart Gear Needle Syringe Program

*Non judgemental
services and
equipment
distribution to PWIDs*

*2016 – 1500+ visits,
238,000+ needles out,
250 referrals*

revive

Revive Overdose Response Program

*Distribution of
Naloxone kits to
eligible clients*

*220 kits
distributed and 20
kits used
successfully*

SIP

Safer Inhalation Program

*Distribution of
equipment to
those inhaling
drugs*

*2016 – 1500 + kits,
2500+ stems, 500+
screens*



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Revive Program

- MOHLTC started the program in the Fall of 2013 in response to the increase numbers of accidental opioid overdoses in the Ontario
- Distribution of Narcan (Naloxone) Kits to people who are at high risk of overdosing



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Narcan (Naloxone Hydrochloride)

- Temporarily removes opioid from receptor sites
- **Only effective with opioids**
- Works within **2-3minutes**
- Stays in the body for 60-90 minutes
- **Call 911** before administering

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Narcan (Naloxone) Kits

- **(2)** 4mg/ 0.1mL Narcan Nasal Spray
- Pair of non-latex gloves
- Narcan Identifier Card
- 5 Step Instruction Pamphlet
- Rescue breather masks



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Eligibility Criteria

- A Narcan (Naloxone) kit and training may be provided at the Leeds, Grenville & Lanark District Health Unit for someone who:
 - Is currently using opioids
 - Has a history of opioid dependency
 - Or is a family member or friend of a client who is currently using opioids



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Where to get a Naloxone Kit

From the Leeds, Grenville & Lanark District Health Unit

- Free
- No Health Card required
- Available in Narcan Nasal Spray Kits
- Eligibility Criteria discussed
- Kits are provided with additional overdose prevention training!

From Local Pharmacies

- Free
- Health Card required
- Available in Naloxone Injectable Kits
- Eligibility criteria (Family member, friend or other person in a position to assist a person at risk of overdose from opioids)



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Questions?



Thank you for your time and attention!



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Health Unit Contact Information

Visit our website:

www.healthunit.org

Email us at:

contact@healthunit.org

Call the Health ACTION Line:

1-800-660-5853

FACEBOOK:
LGLHealthUnit



TWITTER:
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SCAN LINK:
www.healthunit.org



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