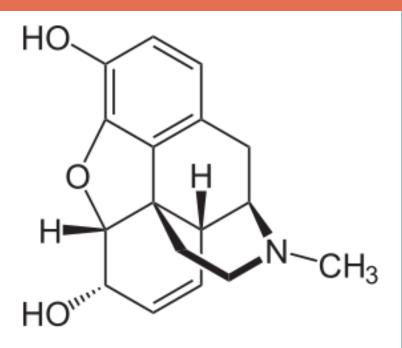


OPIOID PAINKILLERS

- 1. Painkillers such as:
 - Hydrocodone
 - Oxycodone
 - Morphine
- 2. Obtainable through prescribed and illegal means for euphoria (getting high).
- 3. Used in painkillers because it relaxes the body and makes you feel loose (hence euphoria).
- 4. Obtainable through plants or made in a lab following the same compound structure.
- 5. No physical or chemical changes found.



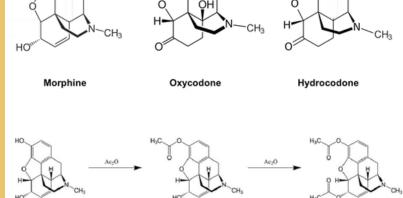
Environmental/Ethical

- 1. Scientists are finding opioids ending up in wastewater after breaking down into metabolites as it enters people's bodies.
- 2. Clinicians have concerns regarding the ethical use of painkillers to be used as sedatives for slowing down pain and having a more 'peaceful' death, concerns regarding the moral obligations and legal duty.



Economy

- 1. Cost of investing in opioids yearly average = CA\$1.7 trillion (converted from USD from Google).
- 2. Cost of opioid per person = CA\$163.
- 3. Expensive because of the requirement prescriptions. Another possibility is addictive it is, so the market value for it is much higher. Unless the consumer decides to switch to a less expensive stimulant such as heroin.
- 4. Four main companies dealing with opioids include Johnson & Johnson, Endo, Teva, and Allergan.





Societal

- 1. At least 10% of opioid users end up becoming addicted to the effects of experiencing less pain, eventually overdosing to go through euphoria.
- 2. HEALTH HAZARD: To avoid overdose, only intake if prescribed.

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University Medical Center Proceedings, 20(1), 5-12. https://doi.org/10.1080/08998280.2007.11928223 UpToDate. (2023). Uptodate.com. https://www.uptodate.com/contents/ethical- $\underline{considerations\text{-}in\text{-}effective\text{-}pain\text{-}management\text{-}at\text{-}the\text{-}end\text{-}of\text{-}}$

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