

Equianalgesic Conversion Table			
Drug Name	Equianalgesic Dose		Oral to Parenteral Ratio
	Oral (mg)	Parenteral (mg)	
Morphine	25	10	5:2
Hydromorphone	5	2	5:2
Oxycodone	20	n/a	n/a
Hydrocodone	25	n/a	n/a
Oxymorphone	10	1	10:1

Potency ratios:

- oral morphine: oral hydromorphone is 5:1
- oral morphine: oral oxycodone is 1.25:1
- oral morphine: IV hydromorphone is 12.5:1
- transdermal fentanyl 25mcg/hr: oral morphine 50mg/24hr

Oral hydromorphone is 5 times as potent (mg per mg) as oral morphine

This conversion table is adapted from: *McPherson ML. Demystifying Opioid Conversion Calculations: A Guide for Effective Dosing, 2nd ed. American Society of Health-System Pharmacists, Bethesda, Maryland, 2018.*

This reference is part of CAPC's online Pain Management curriculum.

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