

EQUIANALGESIC TABLE

PO (mg)	Analgesic	IV/IM/SC
30	Morphine	10
20	Hydrocodone	-
20	Oxycodone	-
10	Oxymorphone	1
4	Hydromorphone	1.5
-	Fentanyl	0.1
200	Codeine	-
300	Meperidine	75

The dosing ratio of fentanyl above applies to acute or opioids naïve dosing

MORPHINE TO METHADONE EQUIANALGESIC DOSE RATIO (EDR)

Oral Morphine Equivalents	Morphine : Methadone EDR
0 – 100 mg/day	4:1 (ie, morphine 4 mg = methadone 1 mg)
101 – 300 mg/day	10:1 (ie, morphine 10 mg = methadone 1 mg)
>301 mg/day	15:1 (ie, morphine 15 mg = methadone 1 mg)

Methadone to oral morphine equivalent	1:5 (methadone 1 mg = morphine 5 mg)
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Methadone PO	Methadone IV
1mg	0.8mg

FENTANYL TRANSDERMAL (TD) PATCH CONVERSION

IV	Analgesic	Patch
25 microgram	Fentanyl	25 mcg/hr
1 mg	Morphine	1 mg/hr IV

The conversion ratio above applies for patients on chronic opioid therapy. An easy way to remember the conversion of morphine IV to fentanyl TD is as follows:

- total amount of IV morphine for 24 hours = dose of the fentanyl transdermal patch per hour.
 - Example: 50 **milligrams** IV morphine over a 24 hour time period = 50 **micrograms** per hour fentanyl TD patch.

NEURAXIAL MORPHINE CONVERSIONS

PO	IV	Epidural	Intrathecal
30 mg	10 mg	1 mg	0.1 mg