

Opioid Conversion Tables
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Table 1: Pharmacokinetic Data for Oral Opioids

	Starting Dose	Onset	Peak	Duration	Half life
Codeine	30 - 60 mg q 4 hr	30 min	1.5 hr	6 hours	2-4 hr
Morphine SA	10 - 15 mg q 3 - 4 hr	15 min	1.5-2 hr	4 hr	1.5-2 hr
Hydrocodone	5-10 mg q 4-6 hr	60 min	2 hr	4-6 hr	4 hr
Oxycodone	5-10 mg q 4-6 hr	15-30 min	1-2 hr	4-6 hr	4 hr
Oxymorphone	10-20 mg q 4-6 hr	30 min	30-60 min	4-6 hr	7-10
Hydromorphone	2 - 4 mg q 4 - 6 hr	30 min	60 min	4-5 hr	2-3 hr

Table 2: Mixed Etiologies: Medication Choice by Comorbidity

Medication	Anxiety	Arrhythmia	Edema	Depression	Hepatic Dx	HTN	Insomnia	Renal Dx	Weight Gain
Gabapentin	++	NA	----	J	+	NA	+	J	----
Pregabalin	++	NA	J	J	+	NA	++	J	----
Venlafaxine	+	NA	+	++	J	----	J	J	J
Duloxetine	+	NA	+	++	----	J	J	+	J
Milnaciprin	+	NA	+	++	+	J	J	+	+
TCA	+	CI	J	+	+	J	++	+	J
Tizanidine Baclofen	+	NA		NA	----	J	++	J	NA

+ (preferred), ---- (nonpreferred), J (judgement call), CI (contraindicated), NA (not applicable)

Table 3: Approximate Fentanyl Patch Equianalgesic Doses:

Fentanyl Patch (mcg/hour)	Oral Morphine: MME per 24 hours
12.5	30
25	60
50	120
75	180
100	240

Table 4: Possible Methadone Equianalgesic Doses

Total Daily Dose Oral Morphine	EPERC Conversion (MSO₄: Methadone)	Percent of MSO₄ Dose (FDA)
<100 MME	3:1	20 – 30%
101 -300 MME	5:1	10 – 20 %
300 – 600 MME	10:1	8 – 12%
600 – 800 MME	12:1	5 – 10%
800 – 1000 MME	15;1	5 – 10%
>1000 MME	20:1	<5%