

Drug Conversion Tables

Drug Conversion Chart for Strong Opioid Analgesia

Morphine 4hrly	Morphine M/R bd	Diamorphine s/c 4hrly	Diamorphine s/c over 24hrs	Fentanyl patch (mcg/hr)	Oxycodone 4hrly (OxyNorm)	Oxycodone M/R (bd) (OxyContin)	Hydromorphone Instant Release 4hrly
10mg	30mg	5mg	20mg	25	5mg	10mg	1.3mg
20mg	60mg	7.5mg	45mg	25-50	10mg	30mg	2.6mg
30mg	90mg	10mg	60mg	50	15mg	40mg	3.9mg
40mg	120mg	15mg	90mg	75	20mg	60mg	5.2mg
50mg	150mg	15mg	100mg	75	25mg	70mg	6.5mg
60mg	180mg	20mg	120mg	100	30mg	90mg	7.8mg
70mg	200mg	25mg	150mg	125	35mg	100mg	9.1mg
80mg	240mg	30mg	160mg	125-150	40mg	120mg	10.4mg
90mg	260mg	30mg	180mg	150	45mg	130mg	11.7mg
100mg	300mg	35mg	210mg	150-175	50mg	150mg	13mg
110mg	330mg	40mg	240mg	175	55mg	160mg	14.3mg
120mg	360mg	40mg	240mg	200	60mg	180mg	15.6mg
140mg	420mg	50mg	300mg	225	70mg	200mg	18.2mg
160mg	480mg	55mg	330mg	275	80mg	240mg	20.8mg
180mg	540mg	60mg	360mg	300	90mg	270mg	23.4mg

Dose for breakthrough pain

Use the 4 hourly dose PRN (i.e. 1/6 of the total daily dose)

Opioid Conversion Factors

Opioid being converted from	Opioid being converted to	Conversion factor
Oral morphine	Oral oxycodone	Divide by 2
Oral morphine	S/C diamorphine	Divide by 3
Oral morphine	Oral hydromorphone	Divide by 7.5
Oral oxycodone	S/C oxycodone	Divide by 2
S/C diamorphine	S/C alfentanil>	Divide by 10

Conversion for Transtec (buprenorphine) patches

Transtec dose	Morphine dose
35mcg/hr (0.84mg/24hr)	30-60mg/24hr
52.5mcg/hr (1.26mg/24hr)	60-90mg/24hr
70mcg/hr (1.68mg/24hr)	90-120mg/24hr

