

MST BD -	ORAMORPH (breakthrough)	24H S/C DM	S/C DM (breakthrough)
10-20 mg	2.5-5 mg	10-15mg	2.5 mg
30 mg	10mg	20mg	2.5-5 mg
40-50 mg	15mg	30mg	5mg
60-70 mg	20mg	45mg	7.5mg
80/90/100mg	30mg	60mg	10mg
130mg	40mg	90mg	15mg
160mg	50mg	110mg	20mg
200mg	60-70mg	140mg	25mg
300mg	100mg	200mg	30mg
400mg	130mg	250mg	40mg
500mg	160mg	300mg	50mg
1g	300mg	600mg	100mg

(These are approximate conversions)

The correct way to convert oral morphine to s/c diamorphine is to divide the 24 hour dose by one third

The breakthrough dose of oramorph is one third of the 12 hourly morphine dose (MST)

The breakthrough dose of diamorphine is one sixth of the 24 hourly dose

Opioïd Conversion Chart

(Approximate guidelines only. Each individual patient should be treated to optimum pain control.)

4hrly Oxycodone Morphine 4hrly hydromorphone

	4 Hourly Oxycodone Morphine (mg)	4 Hourly Hydromorphone (mg)	8 Hourly Oxycodone Morphine (mg)	8 Hourly Hydromorphone (mg)	12 Hourly Oxycodone Morphine (mg)	12 Hourly Hydromorphone (mg)	24 Hourly Oxycodone Morphine (mg)	24 Hourly Hydromorphone (mg)	Other
Oxycodone Capsules (mg)	3.3 (solution)	-	10	-	10	-	30	6.6	Three days (mg/2hr)
	5	-	15	-	20	-	50	10	25
	6.6 (solution)	-	20	-	30	-	60	13.3	25
	10	1.3	30	4	45	6	90	20	25
	15	-	45	6	60	8	120	30	25
	20	2.6	60	8	80	10	150	40	25
	25	-	75	10	100	12	180	50	50
	30	3.9	90	12	120	14	200	60	50
	30-35	-	100	14	150	20	300	67	75
	50	6.6	150	20	200	20	400	100	100
	60-70	7.8-9.1	200	26	300	26	600	133	150
	100	13	300	40	400	40	800	200	200
	130-140	16.9-18.2	400	52	500	52	1000	266	250
	150-170	20.6-22.1	500	66	600	66	1200	333	250
	330-340	44.2-46.6	1000	134	2000	134	2000	666	500

Oral morphine - oral oxycodone - 2 to 4¹

*** Dose ranges based on manufacturer's recommendations (ABX) Compendium of Data Sheets and Summaries of Product Characteristics 1994-97)

Oral morphine - oral hydromorphone - 7.5 to 4^{2,3}

Oral morphine - S.C. diacetylmorphine - 3 to 4^{4,5}

- References:**
1. Nelson R, Lumbard P, Hays RL, et al. "Analgesic onset and potency of oral morphine, hydromorphone (HM), oxycodone and OX morphine." *Can J Pharm Ther* (1992);13:2.
 2. Hays RL, et al. "Pharmacokinetics of oral morphine, hydromorphone and oxycodone." *Am J Pharm Ther* (1994);19:241.
 3. "Pharmacokinetics of oral morphine, hydromorphone and oxycodone." *Am J Pharm Ther* (1994);19:241.
 4. "Pharmacokinetics of oral morphine, hydromorphone and oxycodone." *Am J Pharm Ther* (1994);19:241.
 5. "Pharmacokinetics of oral morphine, hydromorphone and oxycodone." *Am J Pharm Ther* (1994);19:241.