

Opioid Analgesic Pharmacokinetics

AGENT	TIME TO PEAK (HR)	HALF-LIFE (HR)	ANALGESIC ONSET (MIN)	ANALGESIC DURATION (HR)
MORPHINE (IM)	0.5-1	2	10-20	3-5
HYDROMORPHONE (IM)	0.5-1	2-3	10-20	3-5
LEVORPHANOL (IM)	0.5-1	12-16	10-20	5-8
HYDROCODONE (PO)	1	4	30-60	4-6
CODEINE (IM PO)	0.5-1	3	10-20	4-6
OXYCODONE (PO)	0.5-1	2-3	30-60	4-6
MEPERIDINE (IM)	0.5-1	3-4	10-20	2-5
FENTANYL (PATCH)	24-72	16-22	12-18	48-72
FENTANYL (IM)	1-2	3-4	7-15	1-2
METHADONE (IM PO)	0.5-1	15-30	10-20	>8 (chronic)
PROPOXYPHENE (PO)	2-2.5	6-12	30-60	4-6

Combined data from: Reisine T, Paternak G 1995 and Pasero C, Portenoy RK, McCaffery M. 1999

Drug Facts and Comparisons 2004 Facts and Comparisons, A division of Wolters Kluwer Health, Inc.