

**FENTANYL TRANSDERMAL DOSE (Dosing based on ongoing morphine requirement.)**

Morphine* (IV/IM)	Morphine* (PO)	Transdermal fentanyl*
10–22 mg/d	60–134 mg/d	25 mcg/h
23–37 mg/d	135–224 mg/d	50 mcg/h
38–52 mg/d	225–314 mg/d	75 mcg/h
53–67 mg/d	315–404 mg/d	100 mcg/h

\*For higher morphine doses, see product insert for transdermal fentanyl equivalencies.

**Opioid Agonists**

**CODEINE** 0.5 to 1 mg/kg up to 15 to 60 mg PO/IM/IV/SC q 4 to 6 h. Do not use in children under 18 years old. [Generic only: Tabs 15, 30, 60 mg. Oral soln: 30 mg/5 mL.] ▶LK ☉ ♀ Ⓢ ◉ll \$■

**FENTANYL** (*Jonsys, Duragesic, Actiq, Fentora, Sublimaze, Abstral, Subsyst, Lazanda*) Transdermal (Duragesic): 1 patch q 72 h (some with chronic pain may require q 48 h dosing). May wear more than 1 patch to achieve the correct analgesic effect. Transmucosal lozenge (Actiq) for **breakthrough cancer pain**: 200 to 1600 mcg, goal is 4 lozenges on a stick per day in conjunction with long-acting opioid. Buccal tab (Fentora) for **breakthrough cancer pain**: 100 to 800 mcg, titrated to pain relief. Buccal soluble film (Onsolis) for **breakthrough cancer pain**: 200 to 1200 mcg, titrated to pain relief. Sublingual tab (Abstral) for **breakthrough cancer pain**: 100 mcg, may repeat once after 30 minutes. Sublingual spray (Subsyst) for **breakthrough cancer pain**: 100 mcg, may repeat once after 30 min. Nasal spray (Lazanda) for **breakthrough cancer pain**: 100 mcg. Adult **analgesia/procedural sedation**: 50 to 100 mcg slow IV over 1 to 2 min; carefully titrate to effect. **Analgesia**: 50 to 100 mcg IM q 1 to 2 h prn. [Generic/Trade: Transdermal patches 12, 25, 50, 75, 100 mcg/h. Actiq lozenges on a stick, berry-flavored 200, 400, 600, 800, 1200, 1600 mcg. Generic only: Transdermal patches 37.5, 62.5, 87.5 mcg/h. Trade only: (Fentora) buccal tab 100, 200, 400, 600, 800 mcg, packs of 4 or 28 tabs. Trade only: (Abstral) SL tabs 100, 200, 300, 400, 600, 800 mcg, packs of 4 or 32 tabs. Trade only: (Subsyst) SL spray 100, 200, 400, 600, 800, 1200, 1600 mcg blister packs in cartons of 10 and 30 (30 only for 1200 and 1600 mcg). Trade only: (Lazanda) nasal spray 100, 300, 400 mcg/spray, 8 sprays/bottle.] ▶LK ☉ ♀ Ⓢ ◉ll varies by therapy ■

**HYDROCODONE ER** (*Hysingla ER, Zohydro ER, Vantrela ER*) [Trade only: Extended-release caps (Zohydro ER) 10, 15, 20, 30, 40, 50 mg. Extended-release tabs (Hysingla ER) 20, 30, 40, 60, 80, 80, 100, 120 mg. Extended-release tabs (Vantrela ER) 15, 30, 45, 60, 90 mg.] ▶LK ☉ ♀ Ⓢ ◉ll \$\$\$\$■

**HYDROMORPHONE** (*Dilaudid, Exalgo, \*Hydromorph Contin*) Adults: 2 to 4 mg PO q 4 to 6 h; 0.5 to 2 mg IM/SC or slow IV q 4 to 6 h; 3 mg PR q 6 to 8 h. Titrate dose as high as necessary to relieve cancer or nonmalignant pain where chronic opioids are necessary. Peds age 12 yo or younger: 0.03 to 0.08 mg/kg PO q 4 to 6 h prn or give 0.015 mg/kg/dose IV q 4 to 6 h prn. Controlled-release tabs: 8 to 64 mg

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