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Extended-release Microsphere Capsule-based Oxycodone

National Cancer Institute

Source

National Cancer Institute. *Extended-release Microsphere Capsule-based Oxycodone*. NCI Thesaurus. Code C153288.

A wax microsphere capsule formulation of oxycodone, a semi-synthetic, morphine-like opioid alkaloid, with analgesic activity. Upon administration, oxycodone exerts its analgesic activity by binding to the mu-receptors in the central nervous system (CNS), thereby mimicking the effects of endogenous opioids. Due to the unique formulation, extended-release microsphere capsule-based oxycodone may provide an identical pharmacokinetic profile regardless of whether the capsule is intact when ingested or if ingested via enteral feeding tube, leading to a predictable level of analgesia in patients that must be transitioned from oral to enteral administration.