



PROCEDURE	Recommended quantity of opioid pills to prescribe
General Surgery	
Laparoscopic/Robotic	
Appendectomy	15
Cholecystectomy	15
Inguinal hernia repair	15
Ventral hernia repair	15
Hiatal hernia repair	15
Colectomy	25
Open	
Umbilical hernia repair	15
Inguinal hernia repair	20
Colectomy	25
Whipple	30
Liver resection	30
Other	
Melanoma and skin excision procedures	15
Breast biopsy	5
Partial mastectomy (lumpectomy)	15
Free skin graft	25
Hemorrhoidectomy	20 (use sparingly, causes constipation)
Debridement of wound	Variable
Otolaryngology (ENT)	
Tonsillectomy	5
Thyroidectomy	10
Parathyroidectomy	10
Obstetrics and Gynecology	
Dilation and curettage	5
Hysteroscopy	5
Cesarean section	15
Laparoscopic hysterectomy	15
Open hysterectomy	25
Orthopedic Surgery	
Total knee replacement	25
Total hip replacement	25
Thoracic Surgery	
Video-assisted thorascopic surgery lobectomy	15
Open lobectomy	25
Chemical or mechanical pleurodesis	25
Urology	
Robotic prostatectomy	15
Open prostatectomy	25
Vascular Surgery	
Carotid endarterectomy	15
Coronary artery bypass	25

Opioid Reduction Strategy: Orthopaedic, Spine & Plastic Surgery

The goals of this opioid reduction strategy are to reduce the numbers of unused opioid pills in society that can lead to abuse and diversion, and to encourage consideration of postoperative nonopioid pain control measures, stool softeners, and Naloxone Nasal Spray. Four pain management Tiers were developed at Northwestern Medicine based on literature and/or clinician consensus on the number of opioid pills deemed appropriate for pain control after a specific* orthopaedic, spine, or plastic surgery. A suitable pain management Tier is associated with the primary CPT code entered into Epic when scheduling a procedure. The clinician has the flexibility to choose a higher or lower Tier, change the default pill quantities within a Tier, and opt out of the prescribing module altogether.

Medication	Tier 1 Total Quantity	Tier 2 Total Quantity	Tier 3 Total Quantity	Tier 4 Total Quantity
Hydrocodone/acetaminophen 5 mg/325 mg	6	15	25	40
Hydrocodone/acetaminophen 7.5 mg/325 mg	6	15	25	40
Hydrocodone/acetaminophen 10 mg/325 mg	6	15	25	40
Oxycodone 5 mg	6	15	25	40
Oxycodone 10 mg			25	40
Hydromorphone 2 mg	6	15	25	40
Acetaminophen with codeine 300 mg/30mg	6	15	25	40
Codeine sulphate 30 mg	6	15	25	40
Tramadol 50 mg	6	15	25	40
Elixir acetaminophen with codeine 120 mg/12 mg per 5 mL	120 mL (4 oz)	240 mL (8 oz)	300 mL (10 oz)	480 mL (16 oz)
Naloxone Nasal Spray 4 mg			1 Two Pack	1 Two Pack
Non-Opioids				
Ibuprofen 600 mg	15	30	30	30
Naproxen 375 mg	10	20	20	20
Ketorolac 10 mg	12	12	12	12
Celecoxib 200 mg	10	20	20	20
Acetaminophen 325 mg	30	40	50	60
Gabapentin 100 mg	30	60	60	60
Stool Softeners				
Docusate 100 mg	10	15	30	40
Senna-Docusate 8.6 mg/50 mg	10	14	30	40

*Hip and knee arthroplasty, pediatrics, cancer, nonoperative CPT codes, and procedures that overlap with the General Surgery opioid prescription recommendations are excluded from the prescribing module.