**Supplemental Content 2. Surgical procedures, associated Canadian Classification of Health Intervention (CCI) Code, and anticipated pain classification**

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| --- | --- | --- | --- | --- | --- |
| **Procedure** | **Michigan OPEN Recommendations**  **(# of Oxycodone Tablets)** | **Source of Recommendation** | **Low, Medium or High Expected Pain Category** | **Specialty** | **CCI Code** |
| [Thyroidectomy](https://michigan-open.org/wp-content/uploads/2020/02/Thyroidectomy-02.25.20.pdf) | 5 | Patient Reported Consumption | Low | Otolaryngology | 1.FU.87.^^, 1.FU.89.^^  1.FV.87.^^, 1.FV.89.^^, 1.FV.83.^^ |
| [Appendectomy – Lap or Open](https://michigan-open.org/wp-content/uploads/2020/02/Appendectomy-Lap_Open-02.25.20.pdf) | 10 | Patient Reported Consumption | Low | Abdominal | 1NV89 |
| [Hernia Repair – Minor or Major](https://michigan-open.org/wp-content/uploads/2020/02/Hernia-Major_Minor-02.25.20.pdf) | 10 | Patient Reported Consumption | Low | Abdominal | 1.SY.80 |
| [Laparoscopic Cholecystectomy](https://michigan-open.org/wp-content/uploads/2020/02/Laparoscopic-Cholecystectomy-02.25.20.pdf) | 10 | Patient Reported Consumption | Low | Abdominal | 1.OD.89.DA  1.OD.89.EC  1.OD.89.DT-BD  1.OD.89.DT-AM  1.OD.89.DT-GX  1.OD.89.DT-AS  1.OD.89.DT-AG |
| [Open Cholecystectomy](https://michigan-open.org/wp-content/uploads/2020/02/Open-Cholecystectomy-02.25.20.pdf) | 15 | Patient Reported Consumption | Medium | Abdominal | 1.OD.89.L A  1.OD.89.TP  1.OD.89.SM-BD  1.OD.89.SM-AM  1.OD.89.SM-GX  1.OD.89.SM-AS  1.OD.89.SM-AG |
| [Laparoscopic Colectomy](https://michigan-open.org/wp-content/uploads/2020/02/Laparoscopic-Colectomy-02.25.20.pdf) | 10 | Patient Reported Consumption | Low | Abdominal | **Partial**  1.NM.87.LA  1.NM.87.RN  1.NM.87.RD  1.NM.87.RE  1.NM.87.TF  1.NM.87.TG  1.NM.87.WJ  **Total**  1.NM.89.DF  1.NM.89.DX |
| [Open Colectomy](https://michigan-open.org/wp-content/uploads/2020/02/Open-Colectomy-02.25.20.pdf) | 15 | Patient Reported Consumption | Medium | Abdominal | **Partial**  **1.NM.87.DA**  **1.NM.87.DF**  **1.NM.87.DE**  **1.NM.87.DN**  **1.NM.87.DX**  **1.NM.87.DY**  **1.NM.87.GB**  Total  1.NM.89.RN  1.NM.89.TF |
| [Prostatectomy](https://michigan-open.org/wp-content/uploads/2019/07/Prostatectomy.pdf) | 10 | Expert Opinion and Consensus | Low | Urologic | 1QT91 |
| [Cardiac Surgery via Median Sternotomy](https://michigan-open.org/wp-content/uploads/2019/07/Median-Sternotomy.pdf) | 25 | Patient Reported Consumption | High | Cardiac | 1IJ76 |
| [Hysterectomy – Laparoscopic or Vaginal](https://michigan-open.org/wp-content/uploads/2020/02/Hysterectomy-Lap_Vaginal-02.25.20.pdf) | 15 | Patient Reported Consumption | Medium | Pelvic | 1.RM.89.AA  1.RM.89.CA  1.RM.89.DA  1.RM.91.AA  1.RM.91.CA  1.RM.91.DA |
| [Hysterectomy – Abdominal](https://michigan-open.org/wp-content/uploads/2020/02/Abdominal-Hysterectomy-02.25.20.pdf) | 20 | Patient Reported Consumption | Medium | Pelvic | 1.RM.91.LA  1.RM.89.LA |
| Partial Mastectomy | 5 | Published Study2 | Low | Breast | 1YM87 |
| [Simple Mastectomy ± Sentinel Lymph Node Biopsy](https://michigan-open.org/wp-content/uploads/2019/07/Simple-mastectomy-and-sentinel-lymph-node-biopsy.pdf) | 20 | Published Study2 | Medium | Breast | 1YM89 |
| [Total Hip Arthroplasty](https://michigan-open.org/wp-content/uploads/2019/07/Total-Hip-Arthroplasty.pdf) | 30 | Patient Reported Consumption | High | MSK | 1VA53 |
| [Total Knee Arthroplasty](https://michigan-open.org/wp-content/uploads/2019/07/Total-Knee-Arthroplasty.pdf) | 50 | Patient Reported Consumption | High | MSK | 1VG80  1VG53 |