



# HIP – Pain-control Pathway

## (Opioid naïve patients)



1. Check MAPS: <https://michigan.pmpaware.net/login>
2. Counsel pain expectations and risks to opioid use  
(*>3 days may increase risk for persistent use*)
3. Consider a combination of medications at discharge:
  - **Scheduled:**
    - Acetaminophen ( $\leq 3000\text{mg}$  per 24 hours)\*
    - NSAIDS (if appropriate, consider VTE risk)
  - **PRN:** One opioid for breakthrough pain ( $\leq 240$  OME)

| Opioid  | Dose | Max # | Sig (PRN) | OME total |
|---|------|-------|-----------|-----------|
| Oxycodone<br>(e.g. Percocet)                          | 5mg  | 30    | 1q4       | 225       |
| Hydromorphone<br>(e.g. Dilaudid)                      | 2mg  | 20    | 1q4       | 240       |
| Hydrocodone + Acetaminophen*<br>(e.g. Vicodin, Norco) | 5mg  | 30    | 1q4       | 150       |
| Tramadol (e.g. Ultram)                                | 50mg | 30    | 1-2 q6    | 150       |

\*If opioid is combined with Acetaminophen, prescription acetaminophen amount must be included into daily intake of acetaminophen.

# KNEE – Pain-control Pathway

## (Opioid naïve patients)



1. Check MAPS: <https://michigan.pmpaware.net/login>
2. Counsel pain expectations and risks to opioid use  
(*>3 days may increase risk for persistent use*)
3. Consider a combination of medications at discharge:
  - **Scheduled:**
    - Acetaminophen ( $\leq 3000\text{mg}$  per 24 hours)\*
    - NSAIDS (if appropriate, consider VTE risk)
  - **PRN:** One opioid for breakthrough pain ( $\leq 320$  OME)

| Opioid  | Dose | Max # | Sig (PRN) | OME total |
|---|------|-------|-----------|-----------|
| Oxycodone<br>(e.g. Percocet)                          | 5mg  | 40    | 1q4       | 300       |
| Hydromorphone<br>(e.g. Dilaudid)                      | 2mg  | 40    | 1q4       | 320       |
| Hydrocodone + Acetaminophen*<br>(e.g. Vicodin, Norco) | 5mg  | 50    | 1q4       | 250       |
| Tramadol (e.g. Ultram)                                | 50mg | 50    | 1-2 q6    | 250       |

\*If opioid is combined with Acetaminophen, prescription acetaminophen amount must be included into daily intake of acetaminophen.