











PAIN MANAGEMENT SUMMARY

	Alert/Caution	Standard Options	PGx Guided Options
Muscle Relaxants		Baclofen	
		Carisoprodol ↓	
		Cyclobenzaprine	
		Metaxalone	
		Methocarbamol	
		Tizanidine	
Non-opioid analgesics		Acetaminophen	
		Celecoxib	
		Diclofenac	
		Flurbiprofen	
		Ibuprofen	
		Meloxicam	
		Naproxen	
		Piroxicam	
Opioid analgesics		Alfentanil ↑ 🗿	
		Codeine[1] ↑ 🗿	
		Fentanyl ↑ 🗿	
		Hydrocodone[1] ↑ 🗿	
		Hydromorphone 🗿	
		Meperidine ↑ 🗿	
		Methadone ↑ 🗿	
		Morphine ↑ 🗿	
		Oxycodone ↑ 🗿	
		Oxymorphone 🗿	
		Tapentadol 🗿	
		Tramadol[1] ↑ 🗿	

-  Weight Gain
  Decreased Efficacy
  Decreased Sensitivity
  Do Not Initiate
  Drug Exposure
 [1] Prodrug
-  Ethnic Dependent Response
  Increased Efficacy
  Increased Sensitivity
  Side Effects Risk
  Reduced Drug Exposure with 1A2 Inducers











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				Codeine[1]					
				Fentanyl					
				Hydrocodone[1]					
				Hydromorphone					
				Meperidine	↓				
				Methadone	↓				
				Morphine					
				Oxycodone					
				Oxymorphone					
				Tapentadol					
			Tramadol[1]						

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		Naproxen	
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Opioid analgesics		Alfentanil	⚠️
		Codeine[1] ↑	⚠️
		Fentanyl ↑	⚠️
		Hydrocodone[1] ↑	⚠️
		Hydromorphone	⚠️
		Meperidine ↑	⚠️
		Methadone ↑	⚠️
		Morphine ↑	⚠️
		Oxycodone ↑	⚠️
		Oxymorphone	⚠️
		Tapentadol	⚠️
		Tramadol[1] ↑	⚠️

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