



Frequently Used Compounds

ORTHOPEDICS

**Not an all-inclusive list. Does not represent full compounding capabilities. New, custom and physician-specific formulations are encouraged.*

<u>Problem</u>	<u>Options</u>
Chronic Neuropathic Pain	Combination of any of the following neuropathic agents: <ul style="list-style-type: none"> ▪ Ketamine 1% - 10% (NMDA antagonists) ▪ Gabapentin 6% (glutamate antagonists) ▪ Amitriptyline 2% - 5% (sympatholytic) ▪ Clonidine 0.1% - 0.2% (alpha-2 agonist) ▪ Carbamazepine 2% - 5% (NMDA sodium channel blocker)
Immediate relief of pain	Combination of any of the following anesthetic agents: <ul style="list-style-type: none"> ▪ Lidocaine 2% - 10% ▪ Tetracaine 2% - 10% ▪ Bupivacaine 0.5% - 0.75%
Inflammation and/or Bone Pain	Combination of any of the following NSAIDs: <ul style="list-style-type: none"> ▪ Ketoprofen 10% - 20% ▪ Ibuprofen 2.5% - 20% ▪ Piroxicam 0.1% - 5%
Muscle Spasms & Cramping	Combination of any of the following muscle relaxants: <ul style="list-style-type: none"> ▪ Cyclobenzaprine 0.5% - 2% ▪ Baclofen 2% ▪ Guaifenesin 10% ▪ Magnesium Chloride 10%
Cartilage Deterioration	Glucosamine 10% MSM (dimethyl sulfone) 10%

Transdermal Gels for Pain and Inflammation:

Benefits of transdermal application include a more concentrated, localized effect of active ingredient at site of injury, bypass GI metabolism and avoidance of GI distress.