



Aiken Compounding Pharmacy
Family Pharmacy – South Aiken
110 Price Avenue
Aiken, SC 29803
Call Toll Free 866-649-1313
www.dextrx.com



Transdermal Creams and Gels

- Transdermal creams and gels created by compounding pharmacists to administer medications through the skin when other methods are not practical. Extensive research confirms that these gels allow medication to be absorbed through the skin for almost immediate effects. Cream or Gel should be applied directly to the joint or painful region and then rubbed in well.
- Transdermal creams and gels can be formulated to contain SINGLE AGENTS or COMBINATIONS of ingredients that provide quick and long-lasting relief with minimal unwanted side effects.
- MOST PHYSICIANS PRESCRIBE MULTI-INGREDIENT TRANSDERMAL GELS that combine complementary components to produce synergistic effects. For example, an anti-inflammatory + muscle relaxer + local anesthetic + neuropathic agent could treat severe neuropathic pain. The TOTAL percentage concentration of active ingredients should be less than 30% to avoid a gritty feel. *Call our pharmacists if you need a professional recommendation!*

Typical Transdermal Medications, Indications, and usual concentrations:

- Ketoprofen (NSAID) 15% - 30%
- Diclofenac (NSAID) 2% - 10%
- Piroxicam (NSAID) 1% - 4%
- Cyclobenzaprine (Muscle Relaxant) 2% - 6%
- Baclofen (Centrally Acting Muscle Relaxant) 2%- 8%
- Guaifenesin (Skeletal Muscle Relaxant) 2%- 10%
- Amitriptyline (Sympatholytic) 2% - 5%
- Clonidine (α -2 agonist) 0.1% - 0.2%
- Gabapentin (Glutamate antagonist) 2% - 8%
- Ketamine (NMDA antagonists) 2%-10%
- Pentoxifylline (Circulatory enhancer) 5% - 10%
- Nifedipine (Calcium Channel Blocker) 2% - 16%
- Lidocaine (Anesthetic) 2% - 10%
- Tetracaine (Anesthetic) 2% - 10%

Dispensing: Transdermal gels come in the following sizes: 1 ounce (30 grams), 2 ounce (60 grams) , 4 ounce (120 grams)
NOTE: One gram of cream should treat an area about the size of a saucer.

Administration: Transdermal gels are usually applied 4 times daily to moist skin. Apply cream sparingly and massage in well for 1-2 minutes.

Storage: Transdermal gels should be stored at a controlled room temperature.

"Specialist in The Art & Science of Pharmaceutical Compounding"
The Best Source for Transdermal Pain-Relieving Gels