

A Convenience Packed Medical Food & Drug

# Therabenzaprine-90-5™



- ▶ Theramine™ 90 Capsules
- ▶ Cyclobenzaprine 5 mg 30 Tablets

No Refills Without  
Physician Authorization

Rx Only  
NDC# 68405-8158-36  
of this co-pack

## Therabenzaprine-90-5™ Convenience Pack

### Cyclobenzaprine - Why is this medication prescribed?

Cyclobenzaprine is a muscle relaxant. Specifically, cyclobenzaprine relieves muscle spasm when the spasm is due to local problems (that is, problems originating in the muscle itself and not in the nerves controlling the muscles). Cyclobenzaprine has no effect on muscle function. The exact mechanism of action for cyclobenzaprine is unknown. Current research appears to indicate that cyclobenzaprine acts on the locus coeruleus where it results in increased norepinephrine release, potentially through the gamma fibers which innervate and inhibit the alpha motor neurons in the ventral horn of the spinal cord. Decreased firing of the alpha motor neuron results in decreased muscular tone. Cyclobenzaprine is a muscle relaxant acting primarily on the central nervous system and is a weak inhibitor of presynaptic norepinephrine and serotonin. Skeletal muscle relaxant activity is due to brainstem mediated inhibition of gamma motor neurons.

### Theramine™ - Why is this medication prescribed?

**Theramine** is a Medical Food product designed to aid in the nutritional management of pain syndromes. **Theramine** stimulates production of serotonin, GABA, norepinephrine, nitric oxide and acetylcholine, the neurotransmitters that are involved in pain and inflammation. If the timing and secretion of these neurotransmitters are effectively modulated, acute, and chronic pain disorders are more effectively managed. **Theramine** provides L-arginine at a low dose along with choline and L-glutamine used to inhibit the NMDA and opioid receptors.

**Theramine** aids in the nutritional management of serotonin, GABA, and acetylcholine production deficiencies in patients with pain syndromes

NDC # 68405-8158-36