

# Multi-Relax

F.C. Tablets

## COMPOSITION

Each Multi-Relax 5 mg tablet contains:

5 mg Cyclobenzaprine hydrochloride.

Each Multi-Relax 10 mg tablet contains:

10 mg Cyclobenzaprine hydrochloride.

## CLINICAL PHARMACOLOGY

Cyclobenzaprine HCl relieves skeletal muscle spasm of local origin without interfering with muscle function.

Cyclobenzaprine reduced or abolished skeletal muscle hyperactivity in several animal models. Animal studies indicate that cyclobenzaprine does not act at the neuromuscular junction or directly on skeletal muscle. Such studies show that cyclobenzaprine acts primarily within the central nervous system at brain stem as opposed to spinal cord levels, although its action on the latter may contribute to its overall skeletal muscle relaxant activity. Evidence suggests that the net effect of cyclobenzaprine is a reduction of tonic somatic motor activity, influencing both gamma ( $\gamma$ ) and alpha ( $\alpha$ ) motor systems.

Cyclobenzaprine is well absorbed after oral administration.

Cyclobenzaprine is eliminated quite slowly with a half-life as long as one to three days. It is highly bound to plasma proteins, is extensively metabolized primarily to glucuronide-like conjugates, and is excreted primarily via the kidneys.

No significant effect on plasma levels

or bioavailability of cyclobenzaprine HCl or aspirin was noted when single or multiple doses of the two drugs were administered concomitantly. Concomitant administration of cyclobenzaprine HCl and aspirin is usually well tolerated and no unexpected or serious clinical or laboratory adverse effects have been observed.

## INDICATIONS

Cyclobenzaprine HCl is indicated as an adjunct to rest and physical therapy for relief of muscle spasm associated with acute, painful musculoskeletal conditions.

Improvement is manifested by relief of muscle spasm and its associated signs and symptoms, namely, pain, tenderness, limitation of motion, and restriction in activities of daily living.

Cyclobenzaprine HCl has not been found effective in the treatment of spasticity associated with cerebral or spinal cord disease, or in children with cerebral palsy.

## DOSAGE AND ADMINISTRATION

The usual dosage of cyclobenzaprine HCl is 5-10 mg 3 times a day; with a range of 20 to 40 mg a day in divided doses. Dosage should not exceed 60 mg a day.

## SIDE EFFECTS

**Body as a Whole:** Syncope, malaise.