

Pharmacologic properties:

Provides rapid availability of calcium ions for the treatment of severe hypocalcemia. It binds with fluoride to produce calcium fluoride, an insoluble salt.

Indications:

- Topical treatment for hydrofluoric acid (HF) burns. The Calcium Gluconate combines with hydrofluoric acid to neutralize the powerful ion. The immediate application of antidote gel to burn site reduces burn damage to bone and deep tissue.

Contraindications:

- Lack of HF burns - for external use only.

Precautions:

- Calcium gluconate may cause [nausea](#), [constipation](#), and [upset stomach](#)

Adverse Reactions:

- Enhances the effects of digitalis and may precipitate arrhythmias associated with Hypercalcemia

Dosage and administration:*Adult*

- Don personal protective equipment, utilizing gown, mask, eye protection and Nitrile gloves (two pairs). Remove all contaminated clothing and flood the affected skin area with copious amounts of water for at least one minute. Thereafter Calcium Gluconate Gel should be applied liberally to the affected areas and continuously massaged into the skin until the pain has subsided and for at least 15 minutes afterwards. Apply more gel as necessary.

Pediatric

- No specific dose.