



Bolt™ Gel

Mucopolysaccharide Polysulphate 0.2%
and Salicylic Acid 2%

Presentation

Bolt™ Gel: Each gram gel contains Mucopolysaccharide Polysulphate INN 2 mg and Salicylic Acid BP 20 mg.

Description

Mucopolysaccharide Polysulphate is a non-steroidal drug recognised as having:

- **Anti-inflammatory activity:** through a weak inhibitory effect of PGE2 synthesis and an indirect effect on LTB4 production based on in vitro studies
- **Anti-coagulant activity:** as a heparinoid
- **Thrombolytic activity:** through potentiation of urokinase activity
- **Anti-exudatory activity:** through inhibition of hyaluronidase

Salicylic Acid, a non-steroidal anti-inflammatory drug, is employed in the formulation for its keratolytic activity; and also has anti-inflammatory and analgesic properties.

Bolt™ is different because the two active ingredients work together. MPS is an effective anti-inflammatory and Salicylic Acid is an absorption enhancer. So Bolt™ can actually work beneath the surface. Salicylic Acid gently softens the skin to allow MPS to be absorbed where the inflamed and painful tissues are and give relief from pain.

Indications

A mild to moderate anti-inflammatory and analgesic topical preparation for the symptomatic relief of muscular pain and stiffness, sprains and strains and pain due to rheumatic and non-serious arthritic conditions.

Dosage and administration

For external use only.

Adults, the elderly and children over 12 years of age: Two to six inches (5 -15 cm) to be applied to the affected area up to four times a day.

Children: The use of Bolt™ is contra-indicated in children under 12 years of age.

Precautions

For external use only. Keep away from the eyes. The stated dose should not be exceeded. Consult a doctor before use if pregnant, breast-feeding, asthmatic, have pre-existing renal damage or on any prescribed medicines (inc. coumarin anticoagulants). Salicylic Acid may increase skin permeability for other topically applied medicines. Some people may experience discomfort, particularly those with sensitive skin or if used in hot weather or after a bath. Wash hands immediately after use. Discontinue use if excessive irritation or other unwanted effects occur.

Side-effects

Usually uncommon: Local skin reactions/irritations (e.g. redness, burning sensation or rashes).

Contraindications

Hypersensitivity to any of the ingredients, aspirin or other non-steroidal anti-inflammatory drugs (including when taken by mouth) especially where associated with a history of asthma. Not to be used on large areas of skin, broken, sensitive or infected skin, eczema or on mucous membranes.

Use in pregnancy & lactation

Pregnancy: Do not use during the first trimester and during late pregnancy.

Lactation: Do not use on the breast area during lactation.

Drug interactions

Excessive use of topical salicylates may increase the effect of coumarin anticoagulants. It is therefore advisable that caution be exercised with patients who are taking coumarin anticoagulants.

Salicylic Acid may increase skin permeability for other topically applied medications.

Storage

Do not store above 30 °C. Keep away from light and out of the reach of children.

Commercial Pack

Bolt™ Gel: Each tube contains 30 gm gel.