

Instacool Plus

Camphor, Methyl Salicylate and Menthol

COMPOSITION:

Instacool Plus Cream: Each gram cream contains Camphor BP 40 mg, Methyl Salicylate BP 300 mg and Menthol USP 100 mg.

PHARMACOLOGY:

Each of the ingredients within the combination shows distinct function in reduction of pain. One of the ingredients is camphor which shows spasmolytic action on smooth muscle. It causes the reduction of Ca_{2+} influx in the smooth muscles and thus reduces the contraction of muscles. This results in decreased muscles spasm. Another action of camphor is to reduce the pain by increasing the threshold level. Pain stimuli are not enough to be transmitted to brain because of increased threshold level. Menthol exerts cooling and soothing effect by stimulating the cold receptor and thus causes reduction of pain. Methyl Salicylate is converted to salicylic acid and causes the inhibition of cyclooxygenase enzyme. As a result, prostaglandin synthesis is being inhibited and that ultimately results in reduction of pain.

INDICATION:

This combined preparation provides temporary relief of minor aches and pains of muscles and joints associated with backache, lumbago, strains, bruises, sprains and arthritis or rheumatic pain, pain of tendons and ligaments. Several double-blind clinical studies of this product containing Methyl Salicylate and Menthol have shown the effectiveness of this combination in counteracting minor pain of skeletal muscle stress and arthritis.

DOSAGE AND APPLICATION:

Adults and Children 2 years of age and older: Apply generously to the painful area and gently massage until the cream disappears. Apply to affected area not more than 3 to 4 times daily. If condition worsens, or if symptoms persist for more than 7 days or clear-up and occur again within a few days, discontinue use of this product and consult a doctor.

Children below 2 years of age: Sufficient data is not available for use of this product in children below 2 years of age.

CONTRAINDICATION:

Contraindicated in patients with bleeding disorder, allergy to Salicylate or sensitive to any of the components. Application to broken skin or raw surfaces is not recommended.

SIDE EFFECTS:

Redness or irritation may occur, especially in persons with sensitive skin. Adverse reactions possibly involved are mild to moderate local irritation, erythema, rash, desquamation, pruritis and relative local reaction at the application site.

PRECAUTIONS:

For external use only. Use only as directed. Do not use with a heating pad. Keep away from children to avoid accidental poisoning. Do not use tight bandage. Do not swallow. If swallowed, induce vomiting and call a physician. Keep away from eyes, mucous membranes, broken or irritated skin. If skin redness or irritation develops, pain lasts for more than 10 days, or with arthritis-like conditions in children under 12, do not use and call a physician. Long term and excess administration may cause skin irritation and redness. So the cream should be administered according to recommended dose. Therapy might be hazardous for patients with impaired kidney or liver function or for smaller children.

USE IN PREGNANCY AND LACTATION:

Its safety in human pregnancy has not been established. This preparation should therefore be given to pregnant women only if clearly needed.

DRUG INTERACTIONS:

Methyl Salicylate is systemically absorbed through the skin in measurable amounts and may increase Warfarin action by affecting vitamin K metabolism or by displacing Warfarin from protein-binding sites.

PHARMACEUTICAL PRECAUTION:

It should be stored in a cool and dry place, protected from light and moisture. Keep out of the reach of children.

HOW SUPPLIED:

Instacool Plus Cream: Each lami tube contains 15 gm / 25 gm of cream.

Manufactured by:

MEDICON Pharmaceuticals Ltd.
Mirpur, Dhaka, Bangladesh