

Prednisolone

INDICATIONS:

1. Allergic and inflammatory disorders
2. Poorly controlled moderate to severe asthma
3. Nephrotic syndrome
4. Rheumatoid arthritis
5. Multiple sclerosis
6. Infantile spasms
7. Idiopathic thrombocytopenic purpura

SAFETY ALERT:

1. Adverse Drug Reactions:

Cushing's syndrome and growth retardation in children; osteoporosis, fractures; peptic ulcer, glaucoma, cataracts; hyperglycemia, pancreatitis; increased appetite, obesity.

Topical: thinning and atrophy, systemic absorption with prolonged use over large surface, broken skin or under occlusive dressing. Rash, allergic reactions, pruritus.

Intradermal/ intralesional: local hypopigmentation of hyperpigmented lesions.

Ophthalmic: raised IOP and reduced visual function.

Acute adrenal insufficiency precipitated by infection, trauma or surgery in patients on long-term therapy or following cessation of such therapy. CV collapse following rapid IV injection

2. Drug interactions:

Increased requirement of insulin and oral hypoglycaemics. Actions blunted by barbiturates, phenytoin, rifampicin. Increased bioavailability with estrogens and oral contraceptives. Increases plasma salicylate levels. Increased risk of convulsions when used with cyclosporine, increased clearance by carbimazole or carbamazepine. Increased risk of GI bleeding and ulceration when used with NSAIDs. May decrease methotrexate clearance

3. Contraindications:

Live vaccines, herpes simplex keratitis, systemic infections

4. Precautions:

Patients with hypothyroidism, cirrhosis, ulcerative colitis, CHF, convulsive disorders, thrombophlebitis, peptic ulcer, elderly. DM, hypertension, psychological disturbances, osteoporosis; pregnancy, lactation. Adrenal suppression and infection. May cause irreversible growth retardation, glaucoma, corneal perforation. Topical: broken or infected skin. Not to be applied over large areas under occlusive dressings