

Acitretin

Class: Retinoid-Like Compound

Indications: Treatment of severe psoriasis

Available dosage form in the hospital: 10MG CAP, 25MG CAP

Trade Names:

Dosage:

Psoriasis: Oral: Individualization of dosage is required to achieve maximum therapeutic response while minimizing side effects. *Initial therapy:* Therapy should be initiated at 25-50 mg/day, given as a single dose with the main meal. *Maintenance:* Doses of 25-50 mg/day may be given after initial response to treatment; the maintenance dose should be based on clinical efficacy and tolerability

American Academy of Dermatology recommends: 10-50 mg/day as a single dose; doses ≤ 25 mg/day are used to decrease side effects

Common side effect: (>10%)

Central nervous system: Hyperesthesia

Dermatologic: Cheilitis, alopecia, skin peeling, dry skin, nail disorder, pruritus, erythematous rash, paronychia, skin atrophy, sticky skin

Endocrine & metabolic: Hypertriglyceridemia, fasting blood sugar increased, HDL decreased, hypercholesterolemia, fasting blood sugar decreased, magnesium increased/decreased, phosphorus increased, potassium increased, sodium increased

Gastrointestinal: Xerostomia

Hematologic: Reticulocytes increased, haptoglobin increased, hematocrit decreased, hemoglobin decreased, neutrophils increased, WBC increased/decreased

Hepatic: Liver function tests increased, alkaline phosphatase increased, direct bilirubin increased, GGTP increased

Neuromuscular & skeletal: CPK increase, arthralgia, paresthesia, rigor, spinal hyperostosis progression

Ocular: Xerophthalmia

Renal: WBC in urine, acetonuria, hematuria, RBC in urine, uric acid increased

Respiratory: Rhinitis, epistaxis

Pregnancy Risk Factor: X