

Permethrin

Class: Antiparasitic Agent, Topical Scabicide Agent

Indications: Single-application treatment of infestation with *Pediculus humanus capitis* (head louse) and its nits or *Sarcoptes scabiei* (scabies); indicated for prophylactic use during epidemics of lice

Available dosage form in the hospital: PERMETHRIN SHAMPOO

Dosage:

-Head lice: Topical: After hair has been washed with shampoo, rinsed with water and towel dried, apply a sufficient volume of creme rinse to saturate the hair and scalp; also apply behind the ears and at the base of the neck; leave on hair for 10 minutes before rinsing off with water; remove remaining nits. May repeat in 1 week if lice or nits still present; in areas of head lice resistance to 1% permethrin, 5% permethrin has been applied to clean, dry hair and left on overnight (8-14 hours) under a shower cap.

-Scabies: Topical: Apply cream from head to toe; leave on for 8-14 hours before washing off with water; may reapply in 1 week if live mites appear.

Common side effect: Pruritus, erythema, rash of the scalp, burning, stinging, tingling, numbness or scalp discomfort, edema

Pregnancy Risk Factor: B