

Scabies

This is a PDF version of the following document:

Module 1: [STD Question Bank](#)
Lesson 24: [Scabies](#)

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<https://www.std.uw.edu/go/2021-guidelines/ectoparasitic-infections/core-concept/all>.

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[\[2015 STD Treatment Guidelines\]](#) -

Table 1. 2021 STI Treatment Guidelines: Ectoparasitic Infections Treatment of Scabies

Note: lindane was previously recommended as an alternative treatment for scabies, but lindane has been discontinued in the United States due to risk of neurotoxicity.

Recommended for Treatment of Scabies

Permethrin 5% cream

applied to all areas of the body from the neck down and washed off after 8-14 hours

Recommended for Treatment of Scabies

Ivermectin

*200 µg/kg body weight orally, repeated in 14 days**

Note: *Oral ivermectin has limited ovicidal activity; a second dose is required for eradication.

Recommended for Treatment of Scabies

Ivermectin 1% cream

applied to all areas of the body from the neck down and washed off after 8-14 hours^

Note: ^Repeat treatment in 1 week if symptoms persist

Source: Workowski KA, Bachmann LH, Chan PA, et al. Sexually transmitted infections treatment guidelines, 2021. Ectoparasitic infections. MMWR Recomm Rep. 2021;70(No. RR-4):1-187. [[2021 STI Treatment Guidelines](#)]

Table 2. 2015 STD Treatment Guidelines: Ectoparasitic Infections Treatment of Crusted Scabies

Substantial treatment failure might occur with a single-dose topical scabicide or with oral ivermectin treatment. Combination treatment is recommended.

Recommended for Treatment of Crusted Scabies

Permethrin 5% cream

topical, full-body application to be repeated daily for 7 days then 2 times per week until cure

+

Ivermectin

200 ug/kg body weight on days 1, 2, 8, 9, and 15

Note: Additional ivermectin treatment on days 22 and 29 might be required for severe cases

Recommended for Treatment of Crusted Scabies

full-body application to be repeated daily for 7 days then 2x weekly until discharge or cure

+

Ivermectin

200 ug/kg body weight on days 1, 2, 8, 9, and 15

Note: Additional ivermectin treatment on days 22 and 29 might be required for severe cases

Lindane should be avoided because of the risks for neurotoxicity with heavy applications or denuded skin

