

Antifungal-Resistant Ringworm

Increasing Burden of Resistant *Trichophyton* spp.



A global problem
(particularly in South Asia)



Increasing number of cases
in the US



The first-line oral treatment,
terbinafine or fluconazole,
may not work

Not just a cosmetic problem

- Stigma
- Lost productivity
- Discomfort
- Sleep problems
- Intimacy issues
- Secondary infection



Drivers of Resistance



Overuse of topical antifungal creams/steroids



Lack of clinical concern (ie, "It's just ringworm.")



Failure to test to establish a fungal etiology



Easy spread from person-to-person



Failure to perform susceptibility testing for cases that don't
respond to treatment

Fight Resistant Dermatophytes



Suspect resistance when skin fungal infections are severe or do not
improve with first-line oral treatment.



Test! Specialized testing may be required.
Check out fungaloutbreaks@cdc.gov



Be prepared to switch therapy (first-line oral treatment, terbinafine
or fluconazole, may not work).