

and can be used to treat onychomycosis ([Table 219-3](#)). The major decision to be made with regard to therapy is whether the extent of nail involvement justifies the use of systemic antifungal agents that have adverse effects, may interact with other drugs, and are very costly. Treating for cosmetic reasons alone is discouraged. Relapses of tinea cruris and tinea pedis are common and should be treated as early as possible with topical creams to avoid development of more extensive disease. Relapses of onychomycosis follow treatment in 25–30% of cases.

■ FURTHER READING

- BONIFAZ A, TIRADO-SANCHEZ A: Cutaneous disseminated and extracutaneous sporotrichosis: Current status of a complex disease. *J Fungi* 3:6, 2017.
- DE ALMEIDA JUNIOR JN, HENNEQUIN C: Invasive *Trichosporon* infections: A systematic review on a re-emerging fungal pathogen. *Front Microbiol* 7:1629, 2016.
- NELSON KE et al: Penicilliosis, in *Essentials of Clinical Mycology*, 2nd ed. CA Kauffman et al (eds). New York, Springer, 2011, pp 399–411.
- NUCCI M et al: Fusariosis. *Semin Respir Crit Care Med* 36:706, 2015.
- RAMIREZ-GARCIA A et al: *Scedosporium* and *Lomentospora*: An updated overview of underrated opportunists. *Med Mycol* 56(suppl 1):102, 2018.
- REVANKAR SG et al: A Mycoses Study Group international prospective study of phaeohyphomycosis: An analysis of 99 proven/probable cases. *Open Forum Infect Dis* 4:ofx200, 2017.
- SHIKANAI-YASUDA MA et al: Brazilian guidelines for the clinical management of paracoccidioidomycosis. *Rev Soc Bras Med Trop* 50:715, 2017.
- THEELAN B et al: The *Malassezia* genus in skin and systemic diseases. *Med Mycol* 56:510, 2018.
- WOO TE et al: Diagnosis and management of cutaneous tinea infections. *Adv Skin Wound Care* 32:350, 2019.