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CME examination

Identification No. JD0419

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Berger AP, Ford BA, Brown-Joel Z, Shields BE, Rosenbach M, Wanat KA. J Am Acad Dermatol 2019;80:883-98.

Directions for questions 1-3: Choose the single best response.

A 58-year-old man with a recent kidney and pancreas transplant who is currently taking tacrolimus and prednisone was admitted with shortness of breath and scattered purpuric plaques involving the face and trunk. A punch biopsy specimen was obtained, and the histopathologic

[F1-4/C] results appear in Fig 1.

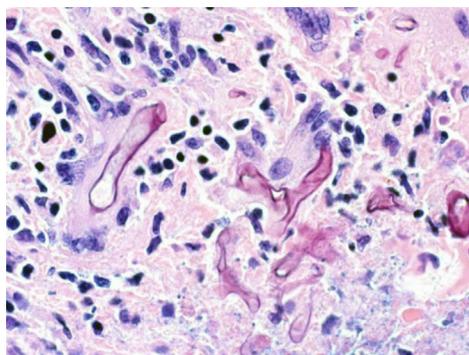


Fig 1. Histopathology of specimen demonstrating hyphae. (Hematoxylin-eosin stain; original magnification: $\times 60$.)

1. What fungal infection is most likely in this patient?
 - a. Aspergillosis
 - b. Candidiasis
 - c. Fusariosis
 - d. Mucormycosis
 - e. Scedosporiosis
2. In addition to the punch biopsy specimen obtained for histopathologic review, what other tests should be performed?
 - a. Blood cultures
 - b. A computed tomography scan of the chest
 - c. A complete metabolic panel
 - d. Tissue culture
 - e. All of the above
3. What treatment should be initiated in this patient?
 - a. Echinocandin
 - b. Fluconazole
 - c. Liposomal amphotericin
 - d. Terbinafine
 - e. Voriconazole