



I'm not robot



Continue

Cryptococcus meningitis guidelines

Skip Nav Destination PDF Split View Article Content Numbers & Table Image Audio Additional Data 8 Persons Subcommittee of the National Institute of Allergy and Infectious Diseases (NIAID) Mycoses Research Group evaluated available data on cryptococcal disease treatment. The opinion on optimal treatment was based on personal experience and information in the literature. The relative strength of each recommendation was sorted by the type and degree of evidence based on the recommendation, in accordance with the previously published Guidelines of the American Society for Infectious Diseases (IDSA). The college is in person (2 times), by conference call and written reviews of each manuscript project. The choice of treatment for cryptococcus neoformans disease depends both on the anatomical places of participation and on the immune status of the host. Immunocompetent hosts with isolated lung disease may be justified by careful monitoring; in case of symptomatic infection, the prescribed treatment is fluconazole, 200-400 mg per day for 3-6 months. For persons with non-CNS isolated cryptococcaemia, positive serum cryptococcal antigen titre >1 : 8 or urinary tract or skin disease, the recommended treatment is oral azole treatment (fluconazole) for 3-6 months. In each case, in order to rule out occult meningitis, the CNS should be carefully evaluated. For those who cannot tolerate fluconazole, itraconazole (200-400 mg daily for 6-12 months) is an acceptable alternative. In patients with more severe disease, treatment with amphotericin B (0.5-1 mg/kg/d) may take 6 to 10 weeks. For otherwise healthy hosts with CNS disease, standard therapy consists of amphotericin B, 0.7-1 mg/kg/d, as well as flucytosin, 100 mg/kg/d, 6-10 weeks. The alternative to this regimen is amtricitrine B (0.7-1 mg/kg/d) and 5-flucytosin (100 mg/kg/d) for 2 weeks followed by fluconazole (400 mg/day) for at least 10 weeks. Fluconazole consolidation therapy can be continued in the same way as 6-12 months, depending on the clinical condition of the patient. HIV-negative, immunocompromised hosts should be treated in the same way as CNS disease, regardless of the location of the participation. Cryptococcal disease, which develops in patients with HIV infection, always guarantees treatment. In HIV patients with isolated lung or urinary tract disease, fluconazole 200-400 mg/d is indicated. Although the final effect of highly active antiretroviral therapy (HAART) is currently unclear, lifelong maintenance therapy is recommended for all HIV infected subjects. Itraconazole (200-400 mg/d) is an acceptable alternative among those who cannot tolerate fluconazole. In patients with more severe diseases, fluconazole (400 mg/d) and flucytosine (100-150 mg/d) can be administered for 10 weeks followed by fluconazole therapy. In patients with HIV infection and cryptococcal meningitis, induction treatment with amphotericin B (0.7-1 mg/kg/d) and flucytosin (100 mg/kg/d for 2 weeks), followed by fluconazole (400 mg/d) for at least 10 weeks, is the treatment of choice. After 10 weeks of treatment, the dose of fluconazole can be reduced to 200 mg/d, depending on the clinical condition of the patient. Fluconazole should be continued for life. An alternative regimen for AIDS-related cryptococcal meningitis is amtricitrine B (0.7-1 mg/kg/d) and 5-flucytosin (100 mg/kg/d) for 6-10 weeks followed by fluconazole maintenance therapy. Induction therapy, starting with azole alone, is usually discouraged. Amphotericin B lipid preparations amtricitrine B may be replaced in patients with impaired renal function. Fluconazole (400-800 mg/d) and flucytosine (100-150 mg/kg/d) for 6 weeks are an alternative to amtricitrine B, although

