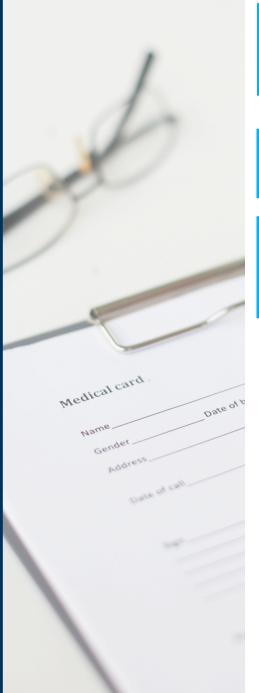
CNS-Microbiology



Archive

Lecture 1

Parasitic and Fungal Meningitis



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- 1. Which of the following is incorrect about N fowleri?
- a. Death occurs after 1 month
- 2.All are correct regarding N. fowleri EXCEPT? Select one:
- a. Causative agent of PAM.
- b. Has trophozoite, ellate and cyst forms in warm water.
- c. Best diagnosed by lumber puncture and CSF examination.
- d. Reach the brain via blood stream.
- e. ellates can be seen in CSF.

Answer: D. Reach the brain via blood stream

- 3.All are correct regarding amoebic meningitis EXCEPT?
- a. The incubation period of N. fowleri between 1-14 days after exposure.
- b. The PAM has two stages with death occurs after the first or the second stage of disease.
- c. Trophozoite and ellate form of N. fowleri are found in CSF.
- d. Acanthamoeba probably reaches the brain by hematogenous dissemination.
- e. The clinical course of Acanthamoeba is more prolonged than that of Naegleria and occasionally ends in spontaneous recovery.

.Answer :A. The incubation period of N.fowleri between 1-14 days after exposure

- 4. Which of the followings is INCORRECT regarding fungal and amoebic meningitis?
- a. Cryptococci produce polysaccharide capsule.
- b. They use macrophages to cross the blood-brain barrier.
- c. Infections in immunologically normal people are very common.
- d. Person-to-person transmission has not been documented.
- e. If left untreated, cryptococcal meningoencephalitis may lead to brain damage, hearing loss amp; hydrocephalus

Answer: C.Infections in immunologically normal people are very common

- 5. Which of the following is correct about meningoencephalitis?
- a. CSF usually has decreased glucose and increased of neutrophils

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6. Which of the following is incorrect about cryptococcosis?

- a. Has no effects if left untreated
- 7. One of the following is wrong regarding to C.neoformas?
- a.Can be transmitted through person-person

8.one of the following is wrong about acanthamoeba + balamuthia :

- a.Only cyst can be found in biopsy
- 9.All the following diseases associated with acanthemoba species except
- a. primary ameboic meningio encephalitis
- b.keratits
- c.chronic granulmatous infection of the skin
- d.granulmatous ameobic encephalitis

Answer: A.primary ameboic meningio encephalitis

- 10.One of the following is true about negliiria fowlari
- a. its oppurtinstic disease
- b. flagellate form found in water is invasive stage
- c. trophosoite eaten bacteria found great numbers in csf
- d. the cycl is round with pors in its round found in brain
- e. cause keratitis that may required keratoplasty

Answer: C. trophosoite eaten bacteria found great numbers in csf

- 11. One of the following is not caused by Acanthamoeba?
- a.chronic granuloma of the lung
- b.keratitis
- c.primary amoebic meningioencephalitis
- d. Granulomatous amoebic encephalitis

Answer : C. primary amoebic meningioencephalitis

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12.One is not true regarding to N.fowleri?
a.Primary amoebic meningo-encephalitis.
b.opportunistic parasite
c.cyst: round with pores on its wall
d.lyse and ingest brain tissue

Answer: B. opportunistic parasite

13.Which of the following is true about C. Neoformans:a.ingestion of its spores cause systemic manifestation.b.Produce mucoid colonies by culturing on Sabouraud dextrose agar

Answer: B. Produce mucoid colonies by culturing on Sabouraud dextrose agar

قال ابن الجوزي -رحمه الله-: «انتبِه لنفسك، واندم على ما مضى من تفريطك، واجتجد في لحاقه الكاملين، ما دامَ في الوقت سَعَة، واستَّع خُصنك ما دامَ فيه رطوبة، واذكر ساعتك التي ضاعت فكفى بها عظة»

أخلصوا النوايا والزمُّوا التغور، فلرُّب هُمة أحيت

