Central Nervous System Infections Case Studies

A 27 yo man presents to the ED with fever and headache. 1 week previous he had symptoms of a URI. Examination notes T 1034 and meningismus.

1. What other history, positive and negative, is pertinent?
2. What additional aspects of the examination are important?
3. Does the examination localize?
4. What is the differential diagnosis?
5. What diagnostic evaluation is indicated?
6. What therapeutic options are available?
7. What is the prognosis?

A 35 yo woman, HIV+, presents to clinic with symptoms of decreased memory, clumsiness, and left sided weakness. Examination notes the patient to be alert, oriented to all but date, and demonstrates a left hemiparesis 4 of 5, bilateral incoordination, lower extremity hyporeflexia, and a left extensor plantar response.

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