腦膜炎(Meningitis)處理流程

Patient with Meningitis

Lumbar puncture
- CSF cell count
- Glucose, protein, Gram stain, culture
- Viral culture if partially treated
- Blood culture
- CBC with differential and platelets
- Electrolytes, BUN, creatinine, glucose, calcium

Assess degree of illness

Severe—CSF findings suggest:

- Viral infection
- Viral or bacterial infection
- Bacterial infection

Suspected herpes simplex

Monitor Supportive care

Acyclovir Pending Culture Results

Observe without antibiotics

Discharge when stable

Consider: Steroids

IV Antibiotics Pending Culture

Monitor Supportive care

Admit patient to ICU

Very severe

DIC screen
Chest film

Admit patient to ICU

Monitor Supportive care

Oxygen

IV Antibiotics Steroids

Good response

Bacterial culture-negative case without prior antibiotics or
Viral culture-positive case with prior antibiotics

Discontinue antibiotics

Bacterial culture-positive case with prior antibiotics and negative viral culture

Continue Antibiotics

Good response

Poor response
Complications/sequelae

Good response