



Yes

PLACE PATIENT ON:

- Cardiac monitor
- Topical anesthetic to spine at level of iliac crest
- Strict NPO diet
- Set up for lumbar puncture

FULL SET OF VITAL SIGNS:

- HR
- RR
- BP
- Pulse Ox
- Temperature

NOTIFY ATTENDING

BLADDER CATHETERIZATION:

- Urinalysis
- Urine Culture*

IV ACCESS WITH BLOOD DRAW:

- CBC with Diff
- Blood Cultures*
- ALT² (if patient is ≤ 14 days of age)*
- Obtain blood HSV PCR* in case HSV⁴ risk factors become evident

LUMBAR PUNCTURE: ³

1. CSF Cell count/Diff
2. CSF Glucose and protein*
3. CSF Culture and Gram stain*
 - Consider enteroviral testing*
4. Obtain CSF HSV PCR* in case HSV⁴ risk factors become evident

Defer obtaining HSV PCR for surface samples to admitting hospital:

- Any suspicious skin lesions
- Eyes, nose & rectum

ANTI-INFECTIVES⁵:

- Ampicillin⁵
- AND
- Gentamicin⁵

Transfer to hospital for admission—consider direct admission or to the ED if patient needs lumbar puncture

¹INCLUSION CRITERIA

Febrile (≥ 38.0C Rectal at home or reported from Urgent Care or Primary Care)

EXCLUSION CRITERIA

- Toxic appearance
- Underlying immunodeficiency
- Chronic disease
- Currently on antibiotics
- Presenting with seizure
- History of prematurity (< 37 weeks)
- Abnormal antenatal/prenatal history

²CMP

CMP may replace ALT if additional chemistries are indicated

³LUMBAR PUNCTURE

- CSF culture preferably not from first tube collected
- If CSF sample inadequate for cell counts and pleocytosis cannot be determined, discuss need for HSV PCR

⁴RISK FACTORS FOR HERPES SIMPLEX VIRUS (HSV)

- Maternal history of herpes
- Patient presents with seizures
- Hypothermia
- Ill appearing
- Suspicious skin lesions (including any scalp lesions)
- CSF pleocytosis (≥ 20 WBC for <28 days of age) with negative Gram stain
- Elevated ALT (>50)

ADDITIONAL TESTS—BASED ON SYMPTOMS

If lower respiratory symptoms:

- Obtain chest x-ray

If diarrhea:

- GI PCR Panel (send to ED if obtained)

⁵ANTI-INFECTIVES

- Ampicillin 100mg/kg IV
- Gentamicin (5mg/kg/dose IV). If patient is ≤ 7 days the dose is 4mg/kg/dose
- If no IV access, Amp/Gent can be used IM for one dose.

*=LABS ARE OBTAINED IN UC, LABELED AS STAT & SENT TO ADMITTING HOSPITAL FOR RESULT