



Febrile Neonate
7 to 28 days of age

Is patient well
appearing?

- Patient off Febrile Neonate/Infant Guideline, patient requires:
- Full Sepsis and Herpes Simplex Virus evaluation
 - Initiation of treatment
 - Admit

Herpes Simplex Virus (HSV) Risk Assessment Checklist

- Maternal history
- HSV (prior disease or active lesions)?
- Patient evaluation
- History of seizures or seizures during the evaluation?
 - Vesicles on skin (including scalp) or mucous membranes?
- If "Yes" to any of these questions proceed to HSV High Risk recommendation.

- Obtain:
- UAM and urine culture
 - CBC with diff
 - Blood culture
 - Resp viral testing (as indicated by symptoms and season)
 - CRP

Complete HSV Risk Assessment Checklist

Is the patient at low or high risk for HSV infection?

Bacterial Infection Checklist

- Born at less than 37 weeks gestation?
- History of prior hospitalization?
- Prolonged newborn nursery course?
- Is CBC WBC less than 5000 / mL or greater than 15,000 / mL?
- Are bands greater than 1500 / mL?
- Is UA positive for nitrite, leukocyte esterase, or WBC > 5 / HPF?
- Is the CRP > 2 mg / dL?
- Does the neonate have a chronic illness?
- Has the neonate ever received antibiotics?
- Does the neonate have a history of unexplained hyperbilirubinemia?

If "Yes" to any questions proceed to High Risk Bacterial infection recommendations.

Is the patient at low or high risk for a bacterial infection?

- Evaluate for HSV by obtaining:
- Lumbar Puncture
 - Routine studies (cell count, bacterial culture, gram stain, protein and glucose)
 - HSV PCR
 - HSV surface (eye, nasopharynx, rectum) and vesicle cultures
 - Transaminases (AST / ALT)

Administer antibiotics
Administer acyclovir

Clinical decision to administer antibiotics?

Admit for observation
without
antibiotics

- Obtain lumbar puncture:
- Cell count
 - Bacterial culture
 - Gram stain
 - Protein
 - Glucose

CSF pleocytosis for age?

- Obtain:
- CSF HSV PCR
 - HSV surface cultures (eye, nasopharynx, rectum)
 - Transaminases (AST / ALT)
- Consider:
- Acyclovir

Administer antibiotics

Admit patient

Inpatient Discharge Disposition