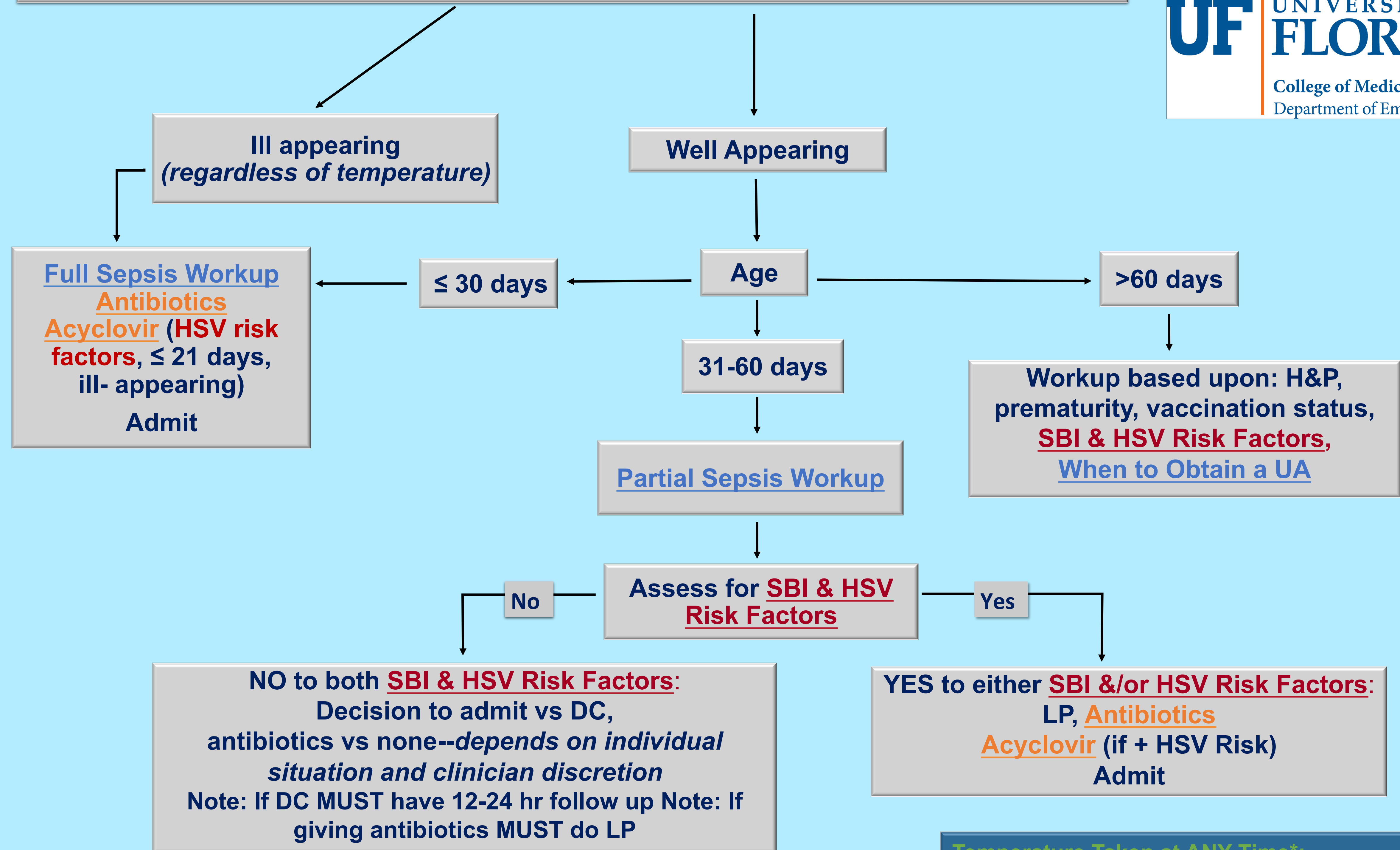


Evaluation of the Febrile Infant



Primary Definition: Temperature > or equal to 100.4 F taken rectal at ANY time
 (Includes fever measured prior to arrival by caregiver, clinic, etc.)*



Full Sepsis Workup:

CBC, CMP, Blood Cx, formal UA, Urine Cx, LP, Stool Cx (if diarrhea), CXR and Respiratory viral studies (if symptoms)

Partial Sepsis Workup:

CBC, Blood Cx, UA, Urine Cx, Stool Cx (if diarrhea), CXR (low yield in bronchiolitis), Respiratory viral studies (if symptoms)

LP Studies: Cell Count (Tube 1&4),

Glucose, Protein, Culture & Gram Stain, HSV PCR, Enterovirus PCR (if applicable)

IF TESTING FOR HSV SEND Serum & CSF

PCR. Swab skin, eye, mouth; & vesicle if present

When to Obtain a UA:

<http://www.chop.edu/clinical-pathway/urinary-tract-infection-uti-febrile-clinical-pathway>

Risk Factors (any of the following)

SBI: WBC < 5,000 OR > 15,000/cc or bands/(bands + neutrophils) > 0.2
 UA + nitrites, + Leukocyte esterase, or > 5 WBC/HPF

Born at < 37 weeks gestation
 Hx of prior hospitalization (including NICU)
 Prolonged newborn nursery course
 Chronic illness
 Prior treatment with antibiotics
 Hx of unexplained hyperbilirubinemia

HSV: Maternal history of HSV (prior disease or active lesions)

History of seizures or active seizures
 Vesicles on skin exam (includes scalp)
 CSF pleocytosis for age (if CSF obtained)
 Hypothermia
 Lymphopenia

Antibiotics:

≤ 30 days: Amp + Gent or Amp + cefotaxime;
 > 30 days: Ceftriaxone

Add Vanc: Ill-appearing, CSF WBC>8, abnml glucose/protein, or abnml gram stain

Acyclovir: 20 mg/kg IV (may cause renal failure – mind fluid balance)

Temperature Taken at ANY Time*:

<https://jamanetwork.com/journals/jama/fullarticle/198352>

CSF WBC Reference Values for Infants By Age: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3033868/> <https://insights.ovid.com/pubmed?pmid=21283047>

CSF WBC Reference Values for Infants Adjust for RBCs: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2730657/> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2994954/>