



REMEMBER:

- If patient is <90 days and febrile, please see fever guidelines.
- Pneumonia is a clinical diagnosis and does not require X-ray findings.

Hypoxia
 <90% while awake
 <88% while asleep
 Sustained for >10 minutes

Pulse-Oximetry Monitoring:

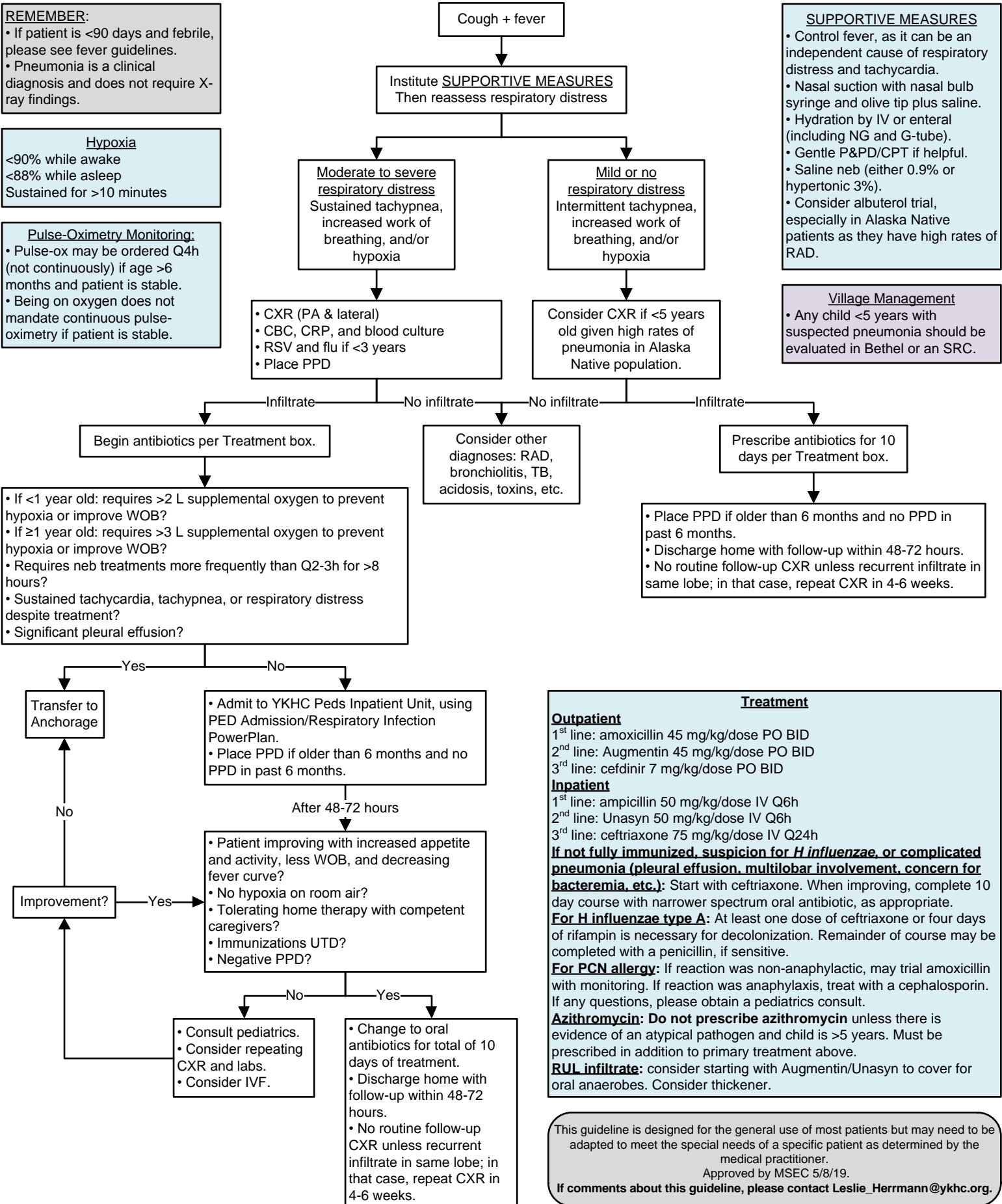
- Pulse-ox may be ordered Q4h (not continuously) if age >6 months and patient is stable.
- Being on oxygen does not mandate continuous pulse-oximetry if patient is stable.

SUPPORTIVE MEASURES

- Control fever, as it can be an independent cause of respiratory distress and tachycardia.
- Nasal suction with nasal bulb syringe and olive tip plus saline.
- Hydration by IV or enteral (including NG and G-tube).
- Gentle P&PD/CPT if helpful.
- Saline neb (either 0.9% or hypertonic 3%).
- Consider albuterol trial, especially in Alaska Native patients as they have high rates of RAD.

Village Management

- Any child <5 years with suspected pneumonia should be evaluated in Bethel or an SRC.



Treatment

Outpatient

1st line: amoxicillin 45 mg/kg/dose PO BID
 2nd line: Augmentin 45 mg/kg/dose PO BID
 3rd line: cefdinir 7 mg/kg/dose PO BID

Inpatient

1st line: ampicillin 50 mg/kg/dose IV Q6h
 2nd line: Unasyn 50 mg/kg/dose IV Q6h
 3rd line: ceftriaxone 75 mg/kg/dose IV Q24h

If not fully immunized, suspicion for H influenzae, or complicated pneumonia (pleural effusion, multilobar involvement, concern for bacteremia, etc.): Start with ceftriaxone. When improving, complete 10 day course with narrower spectrum oral antibiotic, as appropriate.

For H influenzae type A: At least one dose of ceftriaxone or four days of rifampin is necessary for decolonization. Remainder of course may be completed with a penicillin, if sensitive.

For PCN allergy: If reaction was non-anaphylactic, may trial amoxicillin with monitoring. If reaction was anaphylaxis, treat with a cephalosporin. If any questions, please obtain a pediatrics consult.

Azithromycin: Do not prescribe azithromycin unless there is evidence of an atypical pathogen and child is >5 years. Must be prescribed in addition to primary treatment above.

RUL infiltrate: consider starting with Augmentin/Unasyn to cover for oral anaerobes. Consider thickener.

This guideline is designed for the general use of most patients but may need to be adapted to meet the special needs of a specific patient as determined by the medical practitioner.
 Approved by MSEC 5/8/19.
 If comments about this guideline, please contact Leslie_Herrmann@ykhc.org.