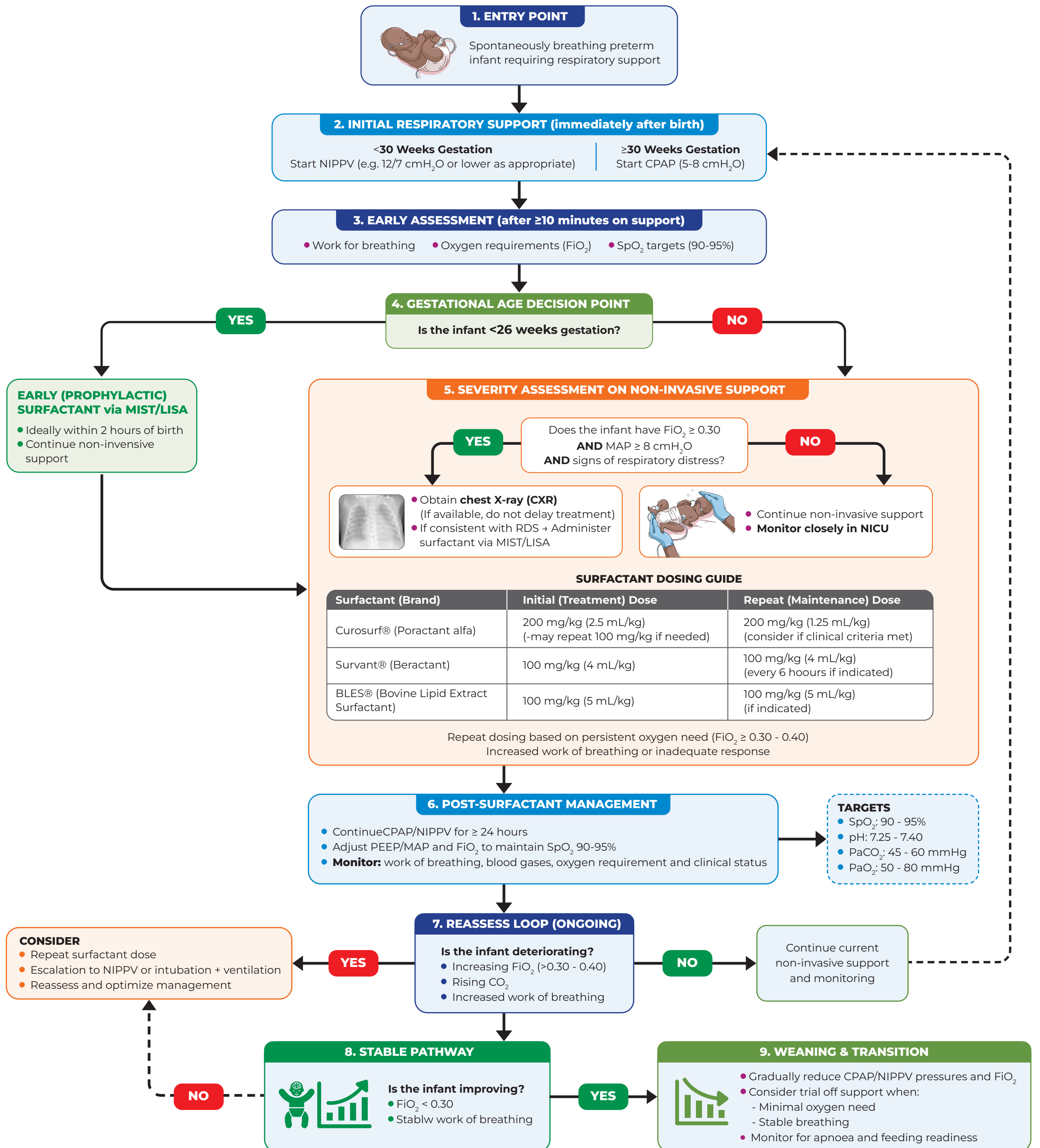


THE REPUBLIC OF UGANDA  
MINISTRY OF HEALTH

# RESPIRATORY MANAGEMENT ALGORITHM FOR SPONTANEOUSLY BREATHING PRETERM INFANTS WITH RDS



## KEY PRINCIPLES

- Early surfactant (prophylactic) for <26 weeks
- Surfactant via MIST/LISA where possible
- Avoid intubation when feasible
- Continuous assessment and individualized care
- Maintain target SpO<sub>2</sub> 90 - 95%

## ABBREVIATIONS

**RDS** - Respiratory Distress Syndrome  
**CPAP** - Continuous Positive Airway Pressure  
**MIST** - Minimally Invasive Surfactant Administration  
**LISA** - Less Invasive Surfactant Administration  
**MAP** - Mean Arterial Pressure

**RR** - Respiratory Rate  
**SpO<sub>2</sub>** - Oxygen Circulation  
**PMA** - Postmenstrual Age  
**NICU** - Neonatal Intensive Care Unit  
**NPPV** - Nasal Intermittent Positive Pressure Ventilation

## MONITORING

- Continuous cardiorespiratory Monitoring
- Work for breathing
- SpO<sub>2</sub> FiO<sub>2</sub>
- Blood gases as indicated
- CXR as clinically indicated

**NOTE:** This algorithm supports clinical judgement. Escalate support and seek senior input when in doubt.