

Surfactant Administration Guideline

Standard of Care

Gestational age	Need ventilatory support	No need for ventilatory support	Procedural Written Consent needed?
22 0/7 – 24 6/7	Intubate in DR/ Surfactant/ HFJV		No
>=25 0/7- 31 6/7	Intubate/ MV	TCA	No
>=32 (and >=1500g)	Intubate/ MV	SALSA	No

Research

Aerosolized surfactant (AERO-05)

- Study population - 29 0/7- 35 6/7 weeks
- Intervention – Aerosolized Calfactant vs Sham (only during the day shift M-F)
- Written consent will be obtained prenatally by the study team
- Study team will provide specific instructions about criteria for CPAP failure
- If meeting CPAP failure criteria – liquid Calfactant will be administered by INSURE per protocol