Assess Work of Breathing and Oxygen Saturation

SpO2 > 90%

Increase FiO2 by 10%

Decrease FiO2 by 5 – 10%

SpO2 > 90%

WOB on HFNC Flow

Stable (mild or moderate) Decrease Flow 1 – 2 LPM

Unstable (severe) Increase flow and/or call CAT Team

WOB stable?

Yes

Continue to decrease flow every 2 – 4 hours until at minimum per guideline (2 – 4L)

No

Stable WOB

Yes

Remove HFNC. Assess WOB and SpO2. If requiring 25 – 40% FiO2, start 0.5 L NC

No

Monitor as indicated

Stable WOB

Yes

Restart HFNC and wait 2 – 4 hrs

No

Back to previous FiO2 and wait 2-4hrs

Back to previous flow and wait 2-4 hrs

Continue to decrease until ready for room air

No

SpO2 > 90%

Yes

WOB stable?

Stable WOB:
- Comfortable Tachypnea
- Good air exchange
- Slight sub/intercostal retraction
- No head bobbing or grunting

Oxygen Saturation

WOB on HFNC

HFNC Weaning Recommendations: Bronchiolitis