Infant Star High Frequency Ventilation

**Initiating HFV**
- IMV Rate
- Freq = 15 Hz
- PEEP
- MAP

**After Conversion to HFV**
- Sigh Breath (IMV rate: 0-4 BPM)
- PIP = PEEP + 6 cm
- Minimizes air trapping, decreases ventilation
- Freq
- 6 Hz
- MAP

**Oxygenation** — Increase MAP by increasing PEEP. Improves oxygenation if not overinflated.

**Ventilation** — Increase amplitude to increase delivered tidal volume to improve ventilation.

**Sigh Breaths** — Increase sighs from 0 to 4 BPM to improve oxygenation. Can also increase inspiratory time or PIP of the sigh breaths.