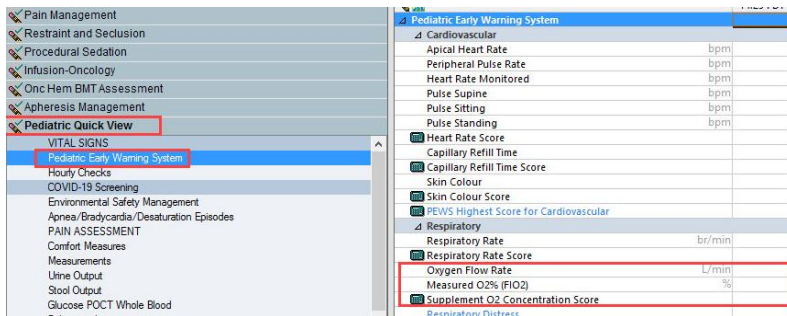


BCCH: HIGHFLOW OXYGEN THERAPY & PEDIATRIC EARLY WARNING SYSTEM (PEWS)

STANDARDIZATION – DOCUMENTATION

HIGHLIGHTS

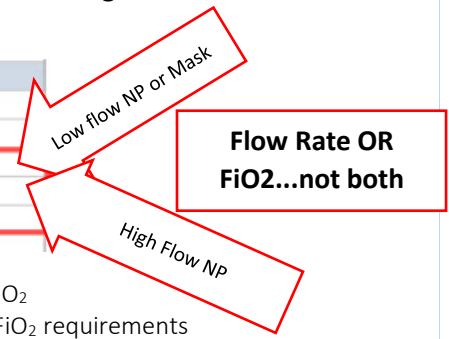
- ▶ PEWS scores are based on either **Measured O₂% (FiO₂)** or **Oxygen Flow Rate** depending on mode of delivery
- ▶ For High Flow patients document the **Measured O₂% (FiO₂)** ONLY and NOT Oxygen Flow Rate in the PEWS bands
- ▶ Continue to document **Oxygen Flow Rate** for patients on supplementary Oxygen via nasal prongs (NP) or mask



KEY POINTS TO REMEMBER

- ▶ The required FiO₂ reflects the patients' condition versus the flowrate which is determined by the patient's weight and the machine requirements. By charting only FiO₂ for PEWS scoring it supports the early recognition, mitigation, notification, and response to the pediatric patient changes and identifies risk of deterioration.

Respiratory	
Respiratory Rate	br/min
Respiratory Rate Score	
Oxygen Flow Rate	L/min
Measured O ₂ % (FiO ₂)	%
Supplement O ₂ Concentration Score	



*If High Flow Oxygen Flow Rate is charted in addition to FiO₂, the PEWS Supplemental O₂ Concentration Score would trigger a PEWS score of "3" and therefore any increase in FiO₂ requirements would not be reflected in PEWS scoring.

SUPPORTING DOCUMENTS

1. Pediatric Early Warning System: [Procedure](#)
2. Previous paper [flowsheet guidelines](#) for PEWS and High Flow Oxygen Therapy
3. CST Cerner Help: [PEWS](#) and [ED PEWS](#)