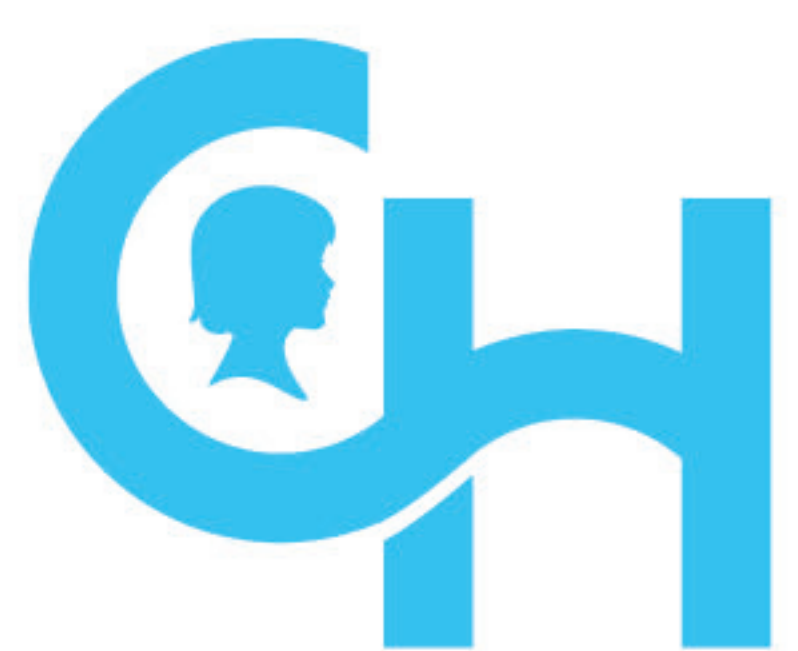


Neonatal Oxygen Targeting Consensus

Brief



**Children's Hospital
of Philadelphia®**

Division of Neonatology

Neonatal Oxygen Targeting Consensus

Date of Initial Publication: Sept 2020

Revision Date:

Contact Author: Sarvin Ghavam

Contributing Authors: John Chuo, Kathi Maschoff

Consensus Statement and Clinical Recommendations

- Neonates < 32+0 wk PMA
 - ON supplemental oxygen, target oxygen range of 90-94%
 - OFF supplemental oxygen, target oxygen range of > 90%
- Neonates ≥ 32+0 wks PMA
 - ON supplemental oxygen, target oxygen range of 92-98%
 - OFF supplemental oxygen, target oxygen range of >92%
- Neonates with Chronic Lung Disease > 36 +0 wks PMA
 - Oxygen targeting range of 92-98%

Caveats

- *For term corrected neonates, please use unit based acceptable saturations that meet critical congenital heart disease testing parameters*
- *For late preterm neonates please err on the side of clinical judgement for further evaluation for persistent desaturations*

	< 32+0 weeks Post Menstrual Age	≥ 32+0 weeks Post Menstrual Age
On Supplemental Oxygen	90-94%	92-98%
Off Supplemental Oxygen	>90%	>92%

Neonates > 36+0 wk PMA with Chronic Lung Disease: Oxygen targeting range of 92-98%