

Sentinel Event Review form for ROP

Demographics:						
CNN Case ID:		Date of Review:		Date of Birth:		Time of Birth:
Gestational Age:		Birth Weight:		Inborn/Outborn:		
Date of Admission:		Peak Severity of ROP:	Stage ____ Zone ____	GA Peak ROP Developed:		
ROP Intervention (i.e. laser, anti-VEGF):		ROP Stage Intervention Initiated:		Please Specify the oxygen saturation target in your unit:		

REVIEW ELEMENTS				Comments (e.g. Time if applicable)
Antenatal				
• Received information regarding breast milk if possible	Yes	No	Unknown/NA	
Resuscitation and Golden Hour				
• Oxygen concentration with which resuscitation was initiated:				
Post Resuscitation				
Management of FIO2 beyond the first hour after birth				
• For how many days did the infant receive > 80% oxygen at any time during the first week of life?				
Oxygen saturation histograms				
• Are histograms routinely assessed on designated team rounds?	Yes	No	Unknown/NA	
• How frequently are the histograms reviewed and documented?	Yes	No	Unknown/NA	
• Were histograms reviewed for % of time in oxygen saturation target range?	Yes	No	Unknown/NA	
• Did the percentage of time meet the standard (>= 60% of the time)?	Yes	No	Unknown/NA	
• Are histograms used to titrate oxygen requirement?	Yes	No		
Attempts to optimize oxygen exposure				
• Set target SaO ₂ according to unit practice	Yes	No	Unknown/NA	
Management of apnea of prematurity				
• Was caffeine therapy used as per unit guideline?	Yes	No	Unknown/NA	
• Upon review of apnea of prematurity events, if positive pressure ventilation (PPV) as required, was PPV provided in the same concentration of oxygen that the infant was receiving when the apnea developed?	Yes	No	Unknown/NA	
Nutrition and Fluid Intake				
• Exclusive human milk-based diet	Yes	No	Unknown/NA	

Associations				
• Did baby receive erythropoietin?	Yes	No	Unknown/NA	
• Did baby receive PDA ligation?				
• Did baby develop nosocomial infection?				
• Did baby develop BPD?				
• Adequacy of documentation (medical record for proper evaluation)				

Root Cause Analyses:

Proposed Explanations for Sentinel Event:

Explanation:	Comments:

Action Plan:

Action:	Responsible Individual:	Target Change:	Timeline for Target Change:	Strategy to Measure Compliance/Achievement:

Comments:

Reviewer (s): _____
