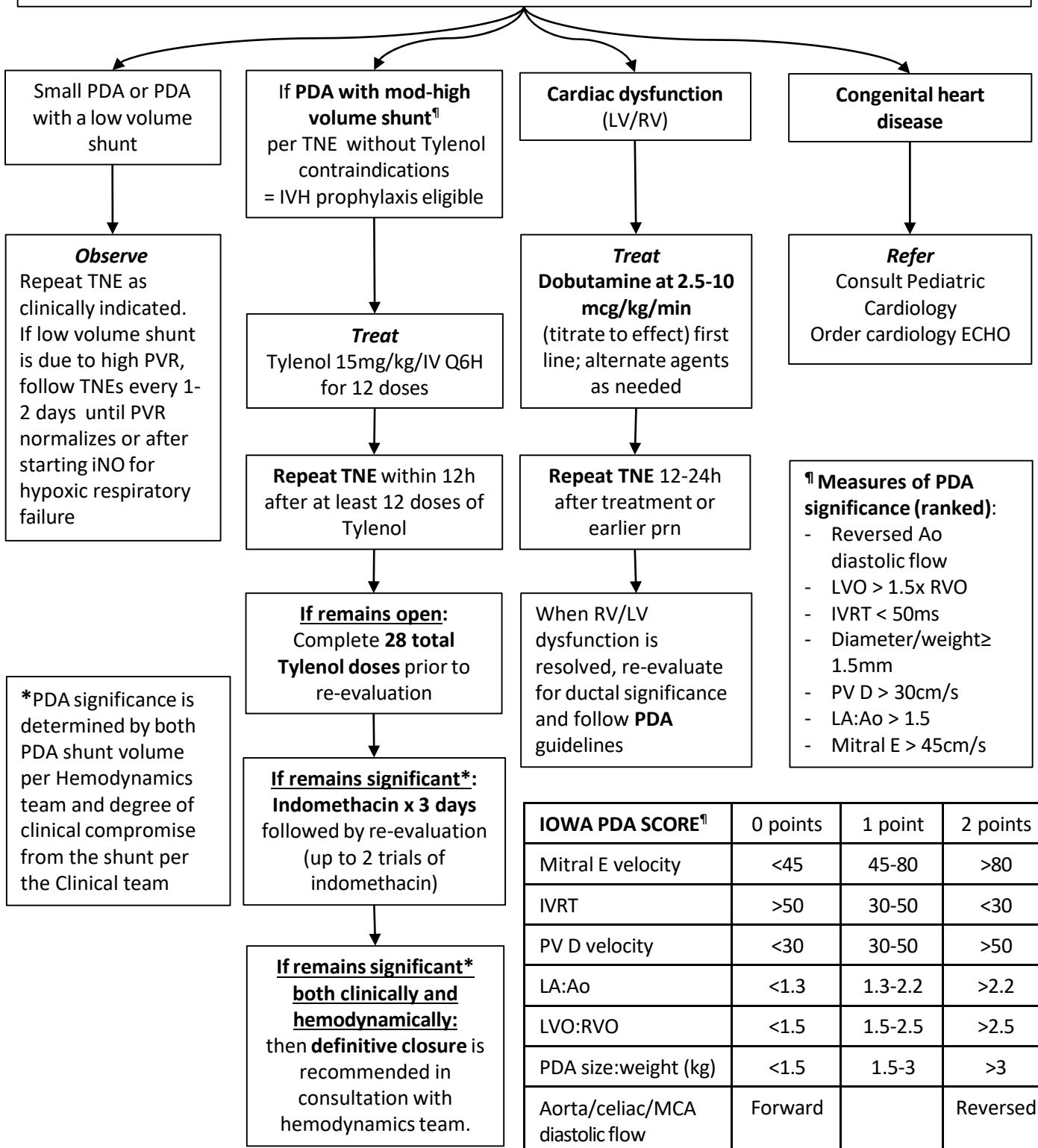


Guidelines for PDA Screening and Management in Extremely Preterm Neonates

Eligibility Criteria:

- All preterm infants $\leq 26 \frac{6}{7}$ weeks GA, TNE 18-24h postnatal age + notify Hemodynamics
- PDA screen low risk infants 27 - 29 $\frac{6}{7}$ weeks GA on a weekday between DOL-3 and DOL-7
- *Excluded:* Fetal diagnosis of congenital heart disease



*PDA significance is determined by both PDA shunt volume per Hemodynamics team and degree of clinical compromise from the shunt per the Clinical team

¶ Measures of PDA significance (ranked):

- Reversed Ao diastolic flow
- LVO > 1.5x RVO
- IVRT < 50ms
- Diameter/weight ≥ 1.5 mm
- PV D > 30cm/s
- LA:Ao > 1.5
- Mitral E > 45cm/s

IOWA PDA SCORE [¶]	0 points	1 point	2 points
Mitral E velocity	<45	45-80	>80
IVRT	>50	30-50	<30
PV D velocity	<30	30-50	>50
LA:Ao	<1.3	1.3-2.2	>2.2
LVO:RVO	<1.5	1.5-2.5	>2.5
PDA size:weight (kg)	<1.5	1.5-3	>3
Aorta/ceeliac/MCA diastolic flow	Forward		Reversed

Treat for score ≥ 6