

## Congential Diaphragmatic Hernia - targets and checklist



Refer EARLY to KIDS NTS for advice - 0300 200 1100



## Airway/Breathing:

- Pre-ductal saturation levels 85-95%
- Post-ductal saturations > 70%
- PaCO 2: 6.9-9.3 kPa
- pH > 7.2
- First 2 hours pre-ductal O2 sats > 70% are acceptable as long as they are slowly improving and organ perfusion is satisfactory indicated by pH >7.2 and PaCO2 < 8.6kPa
- Oxygenation Index <40

## **Circulation:**

- Normal BP for gestation
- Normal heart rate
- Lactate < 3 mmol/L
- Urine output >1 mls/kg/hour
- Echocardiogram within 24 hours

## **Disability/Exposure:**

- Settled with supportive care and sedation
- Normoglycaemia
- Normothermia
- NGT on free drainage
- Central and Arterial access

Checklist for CDH referrals	
Weight (kg)	
Gestation	
O/E LHR	
Side of Hernia	
Gestation when Hernia detected	
Liver/Stomach in thorax	
Fetal MRI result	
Congential anomalies	
Chromosomes/Karyotype	
Echo - anatomy/function of left and right heart; location and direction of shunts/TR velocity	
Cranial US	
APGARS	
CFAM	
Ventilation (current)	
Highest pressures (CMV or HFOV) and duration	
Current pre and post ductal sats	
Best pre and post ductal sats	
Current PaO2 and PaCO2 (pre or post ductal) and OI (pre or post ductal)	
Best PaO2 and PaCO2 (pre or post ductal)	
Pneumothorax?	
Inotropic/vasopressor support	
Lactate - current and worst	
Urine Output	
Venous and arterial access	
NGT	
Urinary catheter	
Parents/Safeguarding concerns	
Infection/Colonisation?	