

Patient addressograph

Pt key number:



Directorate of Critical Care  
**ECLS**  
Shift safety checks and  
Observations

Date / Time Shift  
commence:

Date / Time ECLS  
commence:

Circuit Day  
Number:

ECLS Consultant		Tel:
ECLS Parameters:		ECLS Mode: VV / VA
Rescue Ventilation Settings:		
ECLS Nursing Staff		
Perfusionist		Tel:

Routine Shift Checks	Initial
<b>Emergency checks</b> <ul style="list-style-type: none"><li>Full Oxygen cylinder and tubing</li><li>3 x clamps</li><li>2 x 50ml leur lock syringe</li><li>1000ml plasmalyte 148 in pressure bag, connected to de-airing port and in date</li><li>Heparin (5000 iu in 5 mL)</li></ul>	
<b>Monitoring checks</b> <ul style="list-style-type: none"><li>Pressure transducers checked and zeroed</li><li>P1, P2 and flow alarm limits set (P1 pressure &lt;300mmHg, P2 &lt;250mmHg)</li></ul>	
<b>Equipment Checks</b> <ul style="list-style-type: none"><li>Console and back-up console plugged into PSU</li><li>Both batteries showing as charging</li><li>Oxygen and air lines correctly connected</li><li>Flush bags full, pressurised and in date</li><li>Check no cracks or chips in plastic casing of both pump and oxygenator</li><li>Water heater operating correctly</li></ul>	
<b>Circuit Check</b> <ul style="list-style-type: none"><li>Cannulae dressing secure</li><li>Drainage and return lines have no kinks and are secured to bed</li><li>All three way taps are 'Off' where required</li><li>Smart-sites and cable ties in place and secure finger tight</li><li>Check/ assess any clot formation in lines</li><li>Examine pump for clots, air, unusual vibration or noise</li><li>Examine oxygenator for clots, air bubbles, condensation, ensure gas out port not occluded.</li></ul>	

Cross Match sample valid until:

**NO ALCOHOL CLEANING  
PRODUCTS TO COME INTO  
CONTACT WITH CIRCUIT**

Daily Blood cultures required?  
NO / YES / Sent

Oxygenator Pre/Post ABG

	Pre	Post
Time		
PaO2		
PaCO2		
SO2		

	Pre	Post
Time		
PaO2		
PaCO2		
SO2		

Events during shift (eg any transfers or adverse events)

[illegible]