

# Circuit disruption 2017

Permission to print:	Yes
Incident type	No Harm Incident
Type of incident:	Equipment
Catagory	Circuit disruption
Description:	While perfusing for a Acute CABG case, found some blood pooling on top of the venous reservoir (Inspire 6). After looking through the top of the cardiotomy which is rotatable and is connected with the venous reservoir was not sealed properly. The blood was leaking through the broken seal after coming through the cardiotomy suction into the cardiotomy. The leak was minor.
Preventive actions	Reloated the cardiotomy inflow line to a port remote from the leak site that prevented further leak. Advise from Livanova has been that the seal was being redesigned and a mold revision was in progress
GOOD CATCH - what went	Vigilant physical check of the whole system while on bypass.
Protocol issue	No
Rule issue	No
Skill issue	No
Team Issue	No
Violation	No
Manufacturer advised:	Yes
Discussed with team:	Yes
Hospital incident filed:	No
Ext Authority Advised	Yes
Procedure acuity:	Emergent
Commentary	

Permission to print:	Yes
Incident type	Near Miss
Type of incident:	Management
Catagory	Circuit disruption
Description:	I was setting up an ECMO circuit and for some reason there was a lot of air in it. I proceeded to tap the oxygenator [Medos Hilite 7000] gently (with a clamp) to get rid of the air and the plastic housing cracked (radiating from the point of contact) when I tapped the upper part of the oxygenator (plastic part giving rise to luer lock connection). The oxygenator started leaking slowly and plasmalyte seeping through the cracks.
Preventive actions	Avoid the use of metal clamps to percuss the oxygenator housing and outlets during deairing.
GOOD CATCH - what went	There was assistance to expedite priming another circuit and tere was no immediate clinical requirement for ECMO.
Protocol issue	No
Rule issue	No
Skill issue	No
Team Issue	No
Violation	No
Manufacturer advised:	No
Discussed with team:	Yes
Hospital incident filed:	No
Ext Authority Advised	No
Procedure acuity:	N/A
Commentary	