

Permission to print:	Yes
Category	Circuit disruption
Near Miss or Accident	Near Miss
Type of incident:	Equipment
Knowledge Error	No
Rule Error	No
Skill Error	No
Violation	No

Description: MEDOS ECMO Pack (MEDOS / AG ECMO KIT - Lot No:- 20140106 M136) is the tubing pack for the ECMO (extracorporeal membrane oxygenation) machine used for cardiopulmonary life support. Incorporated in the pack are 2 connectors that the perfusionist attaches to the oxygenator port to assist in the deairing of the tubing circuit. The connector consists of a blocking off end (BOE) joined by 1/8" tubing to a luer lock connection ,on which a one way stopcock is attached. The BOE was faulty (unable to screw on to oxygenator port) and the 1/8" tubing came apart from the tubing step down to which the BOE is attached. This fault occurred during priming the circuit and caused an air lock in the oxygenator. This situation could cause entrainment of air into the patient's circulation which could be fatal. Both faults have occurred on more than one occasion.

Contributing factors: manufacturing fault

Corrective action: Replaced with different connector with 3-way tap.

Preventative action plan: Advised manufacturer and will pre test and use replacement components

Manufacturer advised:	Yes
Discussed with team:	Yes
Ext Authority Advised	No
Hospital incident filed:	No
Patient outcome variance	Nil