

2019 ECMO TRANSPORT EQUIPMENT

Permission to print:	Yes
Region	ANZ
Description:	During our monthly routine check of the Battery power, we test the handcranks on our ECMO machines as well. The hand-crank of the Transport ECMO set up is in a red backpack in the front pocket. On inspection the hand-crank was not able to rotate and taken to Biomed Engineers (Maquet Brand). The coupling surface where the centrifugal pump seats was found to be damaged. The functionality of the hand-crank is not on a pre-use checklist and in a transport emergency this could have been a critical issue. It is presumed to be impact damage
GOOD CATCH - what went	The Monthly inspection of the equipment fortuitously picked up this potentially serious fault. .
What could we do better	Included a pre-use functionality check of the hand-crank and packaged the hand
Preventive actions	All the other ECMO transport equipment is contained in 3 protective Pelican Cases. On discussion with team the contents of the backpack including the hand-crank the have been transferred to a separate protective foam lined Pelican Case. A hand-crank functionality check has been added to the Case checklist prior to it being sealed.
Catagory	ECMO
Incident type	Good Catch Near Miss
Manufacturer advised:	No
Hospital incident filed:	No
Ext Authority Advised	No
Discussed with team:	Yes