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.

**Category**
ECMO

**Incident type**
Good Catch Near Miss

**Manufacturer advised:**
No

**Hospital incident filed:**
No

**Ext Authority Advised**
No

**Discussed with team:**
Yes