

Permission to print:	Yes
Near Miss or Accident	Near Miss
Type of incident:	Equipment
Catagory	Circuit disruption
Knowledge Error	No
Protocol issue	No
Rule Error	No
Skill Error	No
Team Issue	No
Violation	No
Chance event:	Yes
Description:	Positive side of Pump Boot, noted to be leaking. This has one cable tie as routine. It was reinforced with 2 more cable ties. At end of case it was examined and it appears to have missed being bonded.
Contributing factors:	Patient was on the larger size and relative young (for us) 56 years old, 193cms & 125kg. BSA 2.54 requiring a blood flow of 6.1 litres for an index of 2.4 Therefore requiring much higher flows than normal and thus line pressures were somewhat elevated but not extreme. The problem was noted when a small drop of blood was seen on the floor. This was about 15minutes into the procedure. Aortic Valve Replacement & an Interposition Graft into the Ascending Aorta.
Corrective action:	Reinforced with 2 cable ties. Replacement Pump Boot made to be immediately available. With the plan that if it needed to be replaced I would obtain the Sterile Tubing scissors from the scrub nurse. Also a purge vent line to facilitate deairing if required.
Preventative action plan:	Follow up with supplier to discuss issue. Check following circuits in that batch to confirm bonding process has occurred.
Manufacturer advised:	Yes
Discussed with team:	No
Ext Authority Advised	No
Patient outcome variance f	Nil