

2019 Medication/Cardioplegia

Permission to print:1	Yes
Incident type	Good Catch No Harm Incident
Type of incident:	Management
Procedure acuity:	Elective
Description:	<p>We have recently introduced the use of Del Nido cardioplegia in our institution for one surgeon (the routine is modified Buckberg blood cardioplegia 4:1). For Del Nido the setup of the cardioplegia pump needs to be reversed from 4:1 to 1:4 blood cardioplegia. We use a single pump with the crystalloid line over the blood line. Normally after priming the cardioplegia circuit we clamp the 1/8" tubing and recirculate the circuit. However, as the circuit is reversed for Del Nido, the 1/4" tubing needs to be clamped instead. As I have been using Buckberg cardioplegia for many years, I automatically clamped the 1/8" tubing instead of the 1/4" tubing resulting in a 500ml Del Nido cardioplegia being pumped into the circuit. I immediately stopped the pump and changed my clamps around. I flushed the circuit (1100 ml prime) with 1500ml of Plasmalyte to get rid of the residual Del Nido.</p>
GOOD CATCH - what we	I noticed the 1/4" line wasn't clamped as during the prime procedure in the pumproom prior to going to the OR. There was no delay to the procedure.
What could we do better	Be more vigilant when using DelNido cardioplegia and have a check point.
Preventive actions	Introducing a checklist change to remind us to clamp the 1/4" instead of the 1/16" tubing for Del Nido.
Catagory	Drug / Medication
Region	ANZ
Manufacturer advised:	No
Hospital incident filed:	No
Ext Authority Advised	No
Patient outcome varianc	Nil
Discussed with team:	Yes