

2024 Drug/Medication (batch issue)

Permission to print:	Yes
Category	Drug / Medication
Incident type	Good Catch No Harm Incident
Duration of incident:	hours
Description:	<p>We have been trialling the Hemochron 100 with our ACT Plus Machines. We had noticed a significant amount of Heparin being used to get our ACT's above 480 seconds in two procedures . The hemochron 100 does give lower ACT's which we read about so was comfortable with that. During the trial both machines confirmed the problem. When going to paediatric critical care I found that they were having the same problem. One case had FFP and the other case had more heparin on CPB. Anti Xa was not considered as the results take too long to come back from our hospital.</p> <p>We had used 3 different ACT Plus machines, different batch cuvette numbers as well as different lot numbers of heparin made by Pfizer. We give 4 mg per kg prior to CPB which is our standard dose.</p> <p>We discovered that the issue was with several batches of heparin. Pfizer was informed [us] of the issues and once we changed batches there were no other issues. I found was the different batches of heparin all expired in November 2024. Once I used a different expiry date of heparin the ACT's were fine.</p>
GOOD CATCH - what went well	no patient outcome impact
What could we do better	Not sure.
Preventive actions	Waiting on Pharmacy, HOD of Cardiothoracics, HOD of Intensive Care, HOD of Anaesthesia
Type of incident:	Supplies
Hospital incident filed:	No
Ext Authority Advised	No
Discussed with team:	Yes
Knowledge issue	No
Protocol issue	No
Skill issue	No
Team Issue	No
Supplies Issue	Yes
Patient outcome variance f	Nil