



Applicability

Compliance with this document is required by all Alberta Health Services employees, members of the medical and midwifery staffs, students, volunteers, and other persons acting on behalf of Alberta Health Services (including contracted service providers as necessary).

Purpose

This procedure provides information on how to decontaminate pneumatic tube carriers in the case of a blood component or product leak, tear, or crack.

Definitions

Blood Components The therapeutic parts of blood used for transfusion, namely, packed red blood cells, plasma, fresh frozen plasma, platelets and cryoprecipitate. Referred to in Epic as blood products.

Blood Products A category of proteins that may be prepared from large pools of donor plasma or derived from non-human sources. Aka plasma protein products (PPP) or fractionated plasma products. Referred to in Epic as derivatives.

FM&E Facilities Management and Engineering

PTS Pneumatic Tube System

Contact Information

APL Transfusion Medicine

Site		Phone Number
ACH	Alberta Children’s Hospital	403-955-2332
FMC	Foothills Medical Centre	403-944-1367
GPRH	Grande Prairie Regional Hospital	825-412-4331
MHRH	Medicine Hat Regional Hospital	403-502-8648 ext 1549
RAH	Royal Alexandra Hospital	780-735-4382
SCH	Sturgeon Community Hospital	780-418-8257
SHC	South Health Campus	403-956-1344
SMCHC	Sheldon M Chumir Health Centre	403-955-6178
UAH	University of Alberta Hospital	780-407-8802
APL Transfusion Safety Team		Transfusion.SafetyTeam@albertaprecisionlabs.ca



Procedure



It is the responsibility of the receiver to arrange decontamination of the carrier. Wear gloves, gown, and a mask while decontaminating the carrier.

Step	Action																														
1.	<p>Determine if the spill is limited to the carrier or if it has leaked into the transport system.</p> <table border="1"> <thead> <tr> <th>If ...</th> <th>Then...</th> </tr> </thead> <tbody> <tr> <td>Spill is limited to the carrier</td> <td>Proceed to step 2.</td> </tr> <tr> <td>The system has been contaminated</td> <td> <p>1. Call FM&E immediately to inform them that the PTS has been contaminated.</p> <table border="1"> <thead> <tr> <th>Site</th> <th>FM&E #</th> <th>Site</th> <th>FM&E #</th> </tr> </thead> <tbody> <tr> <td>ACH</td> <td>57914 (phone) 5417 (pager)</td> <td>RAH</td> <td>54228</td> </tr> <tr> <td>FMC</td> <td>48173 (phone) 00709 (pager)</td> <td>SHC</td> <td>62222</td> </tr> <tr> <td>GPRH</td> <td>825-412-4040 825-412-4066 (after hours)</td> <td>SCH</td> <td>88217 0 (after hours)</td> </tr> <tr> <td>MHRH</td> <td>2275 (M-F, days) 8099 (after hours)</td> <td>UAH</td> <td>78472</td> </tr> <tr> <td></td> <td></td> <td>SMCHC</td> <td>Log a ticket in e-facilities</td> </tr> </tbody> </table> <p>They will require the following information for their records:</p> <ul style="list-style-type: none"> • Sender and receiver PTS station numbers • Date and time • Type of spill and suspected amount • Number of contaminated carriers that have returned <p>2. Hang a sign above the control panel to inform staff not to use the system until it has been decontaminated by FM&E.</p> <p>3. Notify the sender immediately that there has been a spill and inform them to stop sending carriers from that station.</p> </td> </tr> </tbody> </table>	If ...	Then...	Spill is limited to the carrier	Proceed to step 2.	The system has been contaminated	<p>1. Call FM&E immediately to inform them that the PTS has been contaminated.</p> <table border="1"> <thead> <tr> <th>Site</th> <th>FM&E #</th> <th>Site</th> <th>FM&E #</th> </tr> </thead> <tbody> <tr> <td>ACH</td> <td>57914 (phone) 5417 (pager)</td> <td>RAH</td> <td>54228</td> </tr> <tr> <td>FMC</td> <td>48173 (phone) 00709 (pager)</td> <td>SHC</td> <td>62222</td> </tr> <tr> <td>GPRH</td> <td>825-412-4040 825-412-4066 (after hours)</td> <td>SCH</td> <td>88217 0 (after hours)</td> </tr> <tr> <td>MHRH</td> <td>2275 (M-F, days) 8099 (after hours)</td> <td>UAH</td> <td>78472</td> </tr> <tr> <td></td> <td></td> <td>SMCHC</td> <td>Log a ticket in e-facilities</td> </tr> </tbody> </table> <p>They will require the following information for their records:</p> <ul style="list-style-type: none"> • Sender and receiver PTS station numbers • Date and time • Type of spill and suspected amount • Number of contaminated carriers that have returned <p>2. Hang a sign above the control panel to inform staff not to use the system until it has been decontaminated by FM&E.</p> <p>3. Notify the sender immediately that there has been a spill and inform them to stop sending carriers from that station.</p>	Site	FM&E #	Site	FM&E #	ACH	57914 (phone) 5417 (pager)	RAH	54228	FMC	48173 (phone) 00709 (pager)	SHC	62222	GPRH	825-412-4040 825-412-4066 (after hours)	SCH	88217 0 (after hours)	MHRH	2275 (M-F, days) 8099 (after hours)	UAH	78472			SMCHC	Log a ticket in e-facilities
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2.	Remove the carrier from the PTS.																														
3.	Remove broken glass (if applicable) and discard in a biohazard sharps container.																														
4.	<p>Soak the carrier and TransLogic bags/Adanac bags/foam inserts (if present) in an appropriate mycobacterial germicide solution.</p> <p>Note: If TransLogic bag/Adanac bags/foam inserts are heavily soiled, discard and replace with new ones.</p>																														
5.	Rinse carrier and TransLogic bag/Adanac bags /foam inserts (if present) and allow to dry.																														
6.	Place the carrier back in use after the system has been decontaminated (if applicable).																														