

## INTRAVENOUS FLUID PRESSURE INFUSER

**Document Owner:** C. Sohm      **Program/Service Area:** Centre for Prehospital Care      **Issue Date:** April 2018  
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<b>Approval:</b> Corey Petrie, Interim Regional Manager, Centre for Prehospital Care & Trauma Services	<b>Frequency:</b> As required to rapidly treat significant hypovolemia, in accordance with the Intravenous and Fluid Therapy Medical Directive
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**Signature:** 

**Purpose:** To ensure a consistent standardized practice for using an Intravenous Fluid Pressure Infuser.

	Content	Details
1.	Ensure that the patient qualifies for the appropriate medical directive, or contact a Base Hospital Physician (BHP) for further direction.	
2.	Communicate the need for the IV and rapid fluid administration and its effects to the patient/family member and obtain consent whenever possible.	Follow the IV Cannulation and IV Line Priming Procedures
3.	Insert the fluid bag through the lower opening of the pressure cuff.	
4.	Insert the loop at the top end of the pressure cuff through the eye at the top of the fluid bag.	
5.	Suspend the cuff and the fluid bag by the strap on the IV pole.	
6.	Check the security of the IV tubing connections at the fluid bag and at the IV site.	
7.	Inflate to the desired pressure.	Do not exceed 300 mm Hg of pressure. Manual cuff pressure must be monitored carefully to ensure that the IV bag is not over pressurized, which may cause it to rupture.
8.	Maintain the desired pressure by squeezing the bulb pump as the fluid is infused.	Fluid will be infusing quickly, reassess the volume infused and monitor the patients' vital signs and auscultate the lungs frequently.
9.	When the bag is empty, clamp the line and remove the empty bag by releasing the pressure in the cuff.	
10.	Reattach a full fluid bag using the appropriate procedure	Follow the IV Line Priming Procedure
11.	Continue treatment as per the appropriate medical directive.	
12.	Document the procedure on the ePCR.	

**Expected Outcome:** Successfully set up an intravenous fluid pressure infuser and monitor fluid bolus administration.