

Belmont Rapid Infuser

Competency Verification Record

University of Virginia Health System

Employee Name: _____ Employee ID #: _____ Date: _____

Note: This Competency Verification Record is **not** a required part of the permanent personnel record. This form is to be used as a guide for competency check off only; the Annual Competency Record is used to document competency. (If competency validation occurs away from the unit, this form can be completed by the validator; the signed form can then be presented to the unit NEC or manager as evidence of competency. The Annual Competency Record is then signed indicating that the competency was validated).

Instructions: At the end of training session the participant will be able to:

- ☐ Demonstrate set-up, use, and troubleshooting of the Rapid Infuser
- ☐ Describe interventions for operational alarms

Demonstrated Skill:	Evaluator's Initials
<ul style="list-style-type: none"> • Identify system components: <ul style="list-style-type: none"> ○ Rapid Infuser Console ○ Disposable Single Patient Use Cartridge set ○ Reservoir/Filter Chamber ○ Wider Blue Tubing ○ Smaller Clear Tubing ○ Pressure Chamber ○ Valve Wand ○ Power options 	
<ul style="list-style-type: none"> • Demonstrate proper mounting procedure and the required sequence for removing the infuser console from IV pole 	
<ul style="list-style-type: none"> • Disposable cartridge set <ul style="list-style-type: none"> ○ Utilizes aseptic technique in opening and installing set 	
<ul style="list-style-type: none"> ○ Identify the incoming temperature sensors(behind black bands) on console for incoming (lower) and outgoing (upper) fluid temperatures 	
<ul style="list-style-type: none"> ○ Demonstrate sequence for installing disposable cartridge set <ul style="list-style-type: none"> ▪ Tighten all luer lock connections on the disposable cartridge set ▪ Snap reservoir chamber into the holder into the chamber Describes proper installation of cartridge set & tubings: ▪ Insert heat exchanger cartridge into unit with red arrow up to red strip marking on console (picture 2) ▪ Fit clear plastic interlocking block with arrow facing ultrasonic air detector (picture 3) ▪ Thread wider blue tubing over the center of the roller head (picture 4) ▪ Thread clear thinner tubing into smaller groove alongside the wider groove ▪ Avoids stretching, kinking or twisting of tubings ▪ Push pressure chamber into clamp with patient line positioned to the air detector (picture 5) ▪ Properly place the thinner blue recirculation tube to the right of the air detector and to the right of the valve wand (picture 6) ▪ Close and latch the door 	
<ul style="list-style-type: none"> • Powers on the unit, waits for PRIME screen to appear 	
<ul style="list-style-type: none"> • Close bag clamps 	

**Belmont Rapid Infuser
Competency Verification Record
University of Virginia Health System**

Demonstrated Skill:	Evaluator's Initials
• Hang & spike fluid bag	
• Verbalizes cautions for mixing IV solutions, additives and blood	
• Open bag clamps when connected to fluid bag (leave clamp closed if not connected)	
• Press PRIME to prime the system with 100 ml of fluid <ul style="list-style-type: none"> ○ Locates Prime volume screen for countdown ○ Stops when countdown reaches 0 	
• Prime patient line, pressing "Pt. Line PRIME" <ul style="list-style-type: none"> ○ Set pump prime at 50 ml/min ○ Set and hold to prime pump at 200 ml/min ○ Stops when line is free of bubbles 	
• Start to infuse <ul style="list-style-type: none"> ○ Press infuse ○ Start at 10 ml/min ○ Press infuse rate to increase or decrease flow rates 	
• Demonstrates use of Bolus Infusion Features <ul style="list-style-type: none"> ○ Fixed volumes ○ Preset volumes 	
• Describes interventions for operational alarms	
• Identifies and demonstrates troubleshooting measures	

Competency Verified by:

Evaluator's Name (printed) Evaluator's signature Date: _____