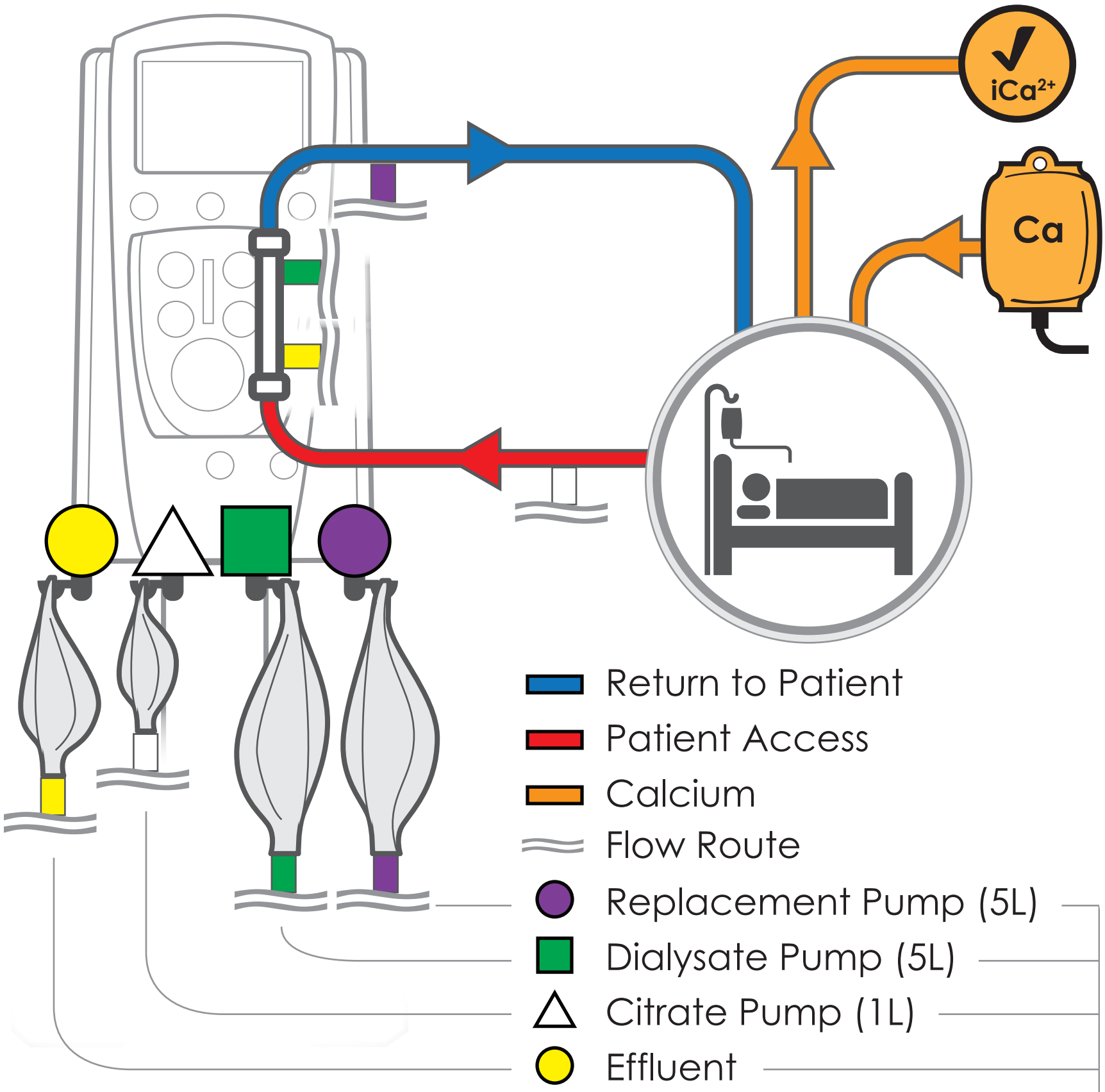
CITRATE PROTOCOL

See reverse for HEPARIN and Catheter Sizing



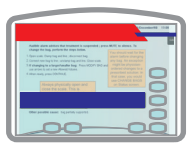
MONITOR AND ADJUST

✓ **ionized Ca^{2+} every** 

If outside normal range, adjust with Ca infusion using the TITRATION PROTOCOL from Powerchart.

✓ **bag levels**

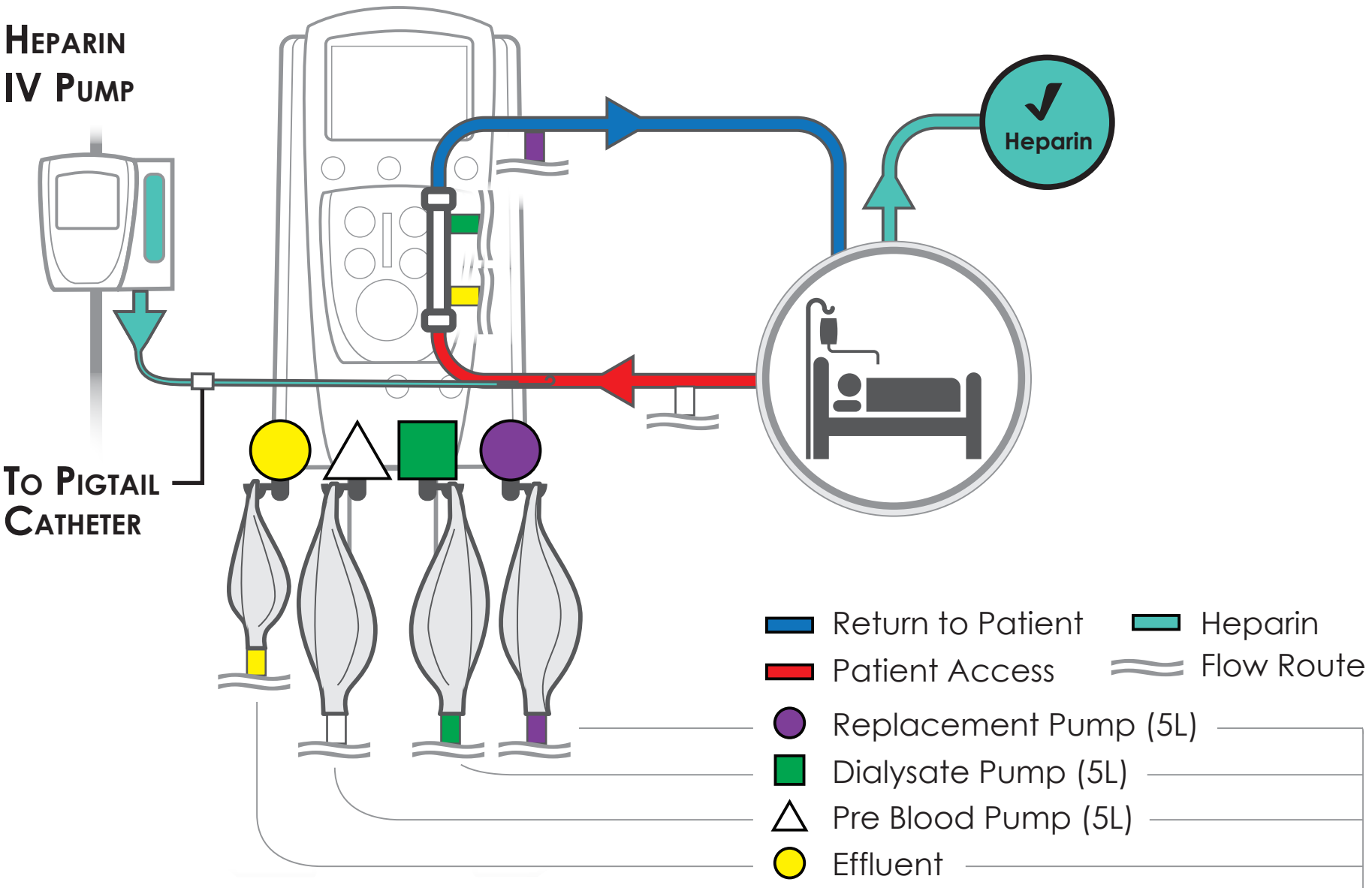
Follow alerts and prompts on screen for all bag changes.



EMORY HEALTHCARE

HEPARIN PROTOCOL

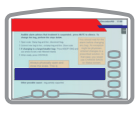
See reverse for CITRATE



MONITOR AND ADJUST

✓ Heparin levels per protocol — If outside normal range, adjust with Heparin infusion using the TITRATION PROTOCOL from Powerchart.

✓ bag levels — Follow alerts and prompts on screen for all bag changes.



CATHETER LENGTH GUIDELINES

Patient Height: **170-200cm** (5'4" – 6'5")	Patient Height: **< 170 OR > 200cm**
RIGHT IJ Vein – 20cm 14F dual lumen	**RIGHT IJ Vein = (Hgt (in cm) / 10) + 1-2cm**
GOAL: Tip in RA or caval-atrial junction	**Tip in RA or caval-atrial junction** — 14F Dual Lumen
↓	↓
LEFT IJ vein – 24cm 14F dual lumen	**LEFT IJ vein = (Hgt (in cm) / 10) + 4-5cm**
Tip in RA or caval-atrial junction — Alternative 13F 24cm Trialysis catheter	**Tip in RA or caval-atrial junction** — 14F Dual lumen — Alternate: 13F 24cm Trialysis catheter
↓	↓
RIGHT or LEFT Femoral Vein – 24cm 14F dual lumen (alternate: 24 or 30cm 13F Trialysis catheter)	**RIGHT or LEFT Femoral Vein – 24cm 14F dual lumen** (alternate: 24 or 30cm 13F Trialysis catheter)
Shallow angle of insertion	Shallow angle of insertion
↓	↓
Subclavian Vein - 14F dual lumen	**Subclavian Vein - 14F dual lumen**
R SCV = 20cm; L SCV = 24cm — **Tip in RA or caval-atrial junction**	R SCV = 20cm; L SCV = 24cm — **Tip in RA or caval-atrial junction**

EMORY HEALTHCARE