Positioning Instruction

1) After procedure, pull out the sheath tubing or catheter for 2 to 3 cm from the radial or ulnar artery.

2) Align Io™ RACT on the puncture site, and fix the belt on the wrist with the adjustable Velcro™ lock.

3) It is advisable to align and secure the Io™ RACT with two (2) people. One (1) person injecting air through the unilateral valve to expand the Io™ RACT balloon, while the other person withdraws the sheath from the radial or ulnar artery at the same time that person 1 inflates the balloon. The recommended volume of air injection to inflate the Io™ Radial Compression Tourniquet balloon is ≥ 11 ml.

4) After withdrawal of the complete radial sheath tubing or catheter, check whether the puncture site is bleeding. In case of bleeding inject additional air into the Io™ RACT balloon to stop bleeding. Inject 2 to 3 ml of air at a time. Do not exceed the maximum of 18 ml. Nominal balloon inflation is at 15 ml.

Deflation Instruction

According to physicians advice, the Io™ RACT balloon deflation should be started two (2) hours after the withdrawal of the sheath tubing or catheter, with a maximum of 2 ml of air at a time, which is followed by a second 2 ml air deflation three (3) hours after withdrawal of the sheath tubing or catheter. The Io™ RACT can be fully released four (4) hours after withdrawal of the sheath tubing or catheter. The compression time should be extended for patients with poor coagulation functions. If during release of the 2 ml of air the puncture site starts to bleed, re-inflate 2 ml of air extra. Check puncture site after thirty minutes (30) or one (1) hour again. Before and during the balloon deflation procedure it is advisable to control the pulsation of the radial artery in a regular 15 or 30 minutes sequence.

Note: When deflating the Io™ RACT balloon, the location of the Stop-Plunger is shown as follows: