

PRE-INSERTION

CALL THE CLINICAL SUPPORT CENTER (CSC) OR YOUR LOCAL ABIOMED REPRESENTATIVE PRIOR TO INSERTION
ASSESS THE SIZE AND CONDITION OF THE AXILLARY ARTERY WITH ULTRASOUND OR CTA PRIOR TO OPENING THE IMPELLA 5.5 WITH SMARTASSIST KIT
PLACE THE SIDEARM RETAINER ON THE PURGE SIDEARM OF THE IMPELLA 5.5 WITH SMARTASSIST TO SUPPORT THE SIDEARM DURING AND AFTER THE PROCEDURE
STRAIGHTEN THE ENTIRE IMPELLA 5.5 WITH SMARTASSIST CATHETER PRIOR TO INSERTION
ENSURE THE PUMP IS PRIMED WITH HEPARINIZED D5W (25 U/ML RECOMMENDED)
PRIME THE IMPELLA 5.5 WITH SMARTASSIST WITH THE MOTOR AND CANNULA IN A VERTICAL POSITION
CONFIRM PURGE FLUID EXITS THE MOTOR/OUTFLOW WHILE VERTICAL
CONTINUE TO PRIME THE PUMP FOR A MINIMUM OF 20 MINUTES PRIOR TO INSERTION IF POSSIBLE

INSERTION

TORQUE THE PUMP 180 DEGREES CLOCKWISE (HOLDING THE CATHETER, NOT THE RED IMPELLA PLUG) AFTER THE INFLOW CROSSES THE AORTIC VALVE INTO THE LVOT
CONTINUE ADVANCING INTO THE MID LV CAVITY OR ALONG THE SEPTAL WALL UNTIL THE MID-INLET IS APPROXIMATELY 5 CM FROM THE AORTIC VALVE ANNULUS

