

Impella Safety Checklist Cheat Sheet by Hsjsosns via cheatography.com/200015/cs/42254/

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 SMARTA-SSIST CATHETER PRIOR TO **INSERTION ENSURE THE PUMP IS** PRIMED WITH HEPARINIZED D5W (25 U/ML RECOMM-ENDED) 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

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



INSERTION IF POSSIBLE

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