AIC v5.1 UPDATE AVAILABLE NOW
FAST CASE START AND ENHANCED ALARM HANDLING

WHAT’S NEW?

Impella v5.1 software for the Automated Impella Controller (AIC) delivers new case start-up in 2-3 min, at-a-glance instructions, and improved alarms. v5.1 guides users through case start procedures with text and visual prompts, automatically skips completed steps, and provides best practice guidance. Clinical relevance of alarms has been improved with more accurate and sensitive algorithms.

PUTTING THIS INTO PRACTICE

FAST CASE START

The new Case Start software utilizes text and visual prompts to guide the process step-by-step and enhance ease-of-use for new and less experienced users. Improved workflow flexibility saves time by automatically skipping steps if done in advance (e.g. connecting luers).

ALARM HANDLING UPDATES

- Impella CP® Suction Detection – Detects low flow conditions that could lead to clinical events if left untreated.
- Suction Alarm Audio Off – Can turn off the alarm audio for active suction alarms to reduce distraction when managing the alarm condition.
- Placement Lumen Blocked – Improved accuracy of algorithm produces fewer false alarms. IMPORTANT: This alarm should not be considered a “false alarm.”
- Impella RP® User Interface – Speed pulse visualization can be removed from Placement Signal and Motor Current waveforms.

SUMMARY

The enhanced software revision is intended to improve ease of use in case start and ongoing patient management with faster starts, more intuitive instruction, and enhanced alarm handling.

2. a. Open door using button on left side. b. Insert Cassette and Disc, then close door.

3. a. Connect white cable to Impella Catheter: connect grey end ARROW to ARROW. b. Connect white end to Impella Controller.

4. a. Snap on Purge Clip. Connect Impella Catheter using luers: YELLOW to YELLOW, RED to RED.

5. Squeeze and hold sides of white Flush Valve until Controller beeps.

6. Confirm Purge Fluid information.

Purge Fluid Volume: 500 ml
Dextrose Concentration: 5%
Heparin Concentration: 0 units/ml

Screens are shown using the Impella CP or 2.5 catheter for example purposes.