

# Getinge Marquet Cardiosave Hybrid Basic settings



**Pre-check for ALL pumps:** Helium level more than 1/3rd, ECG electrodes connected to patient, IABP connected to power source and charging.

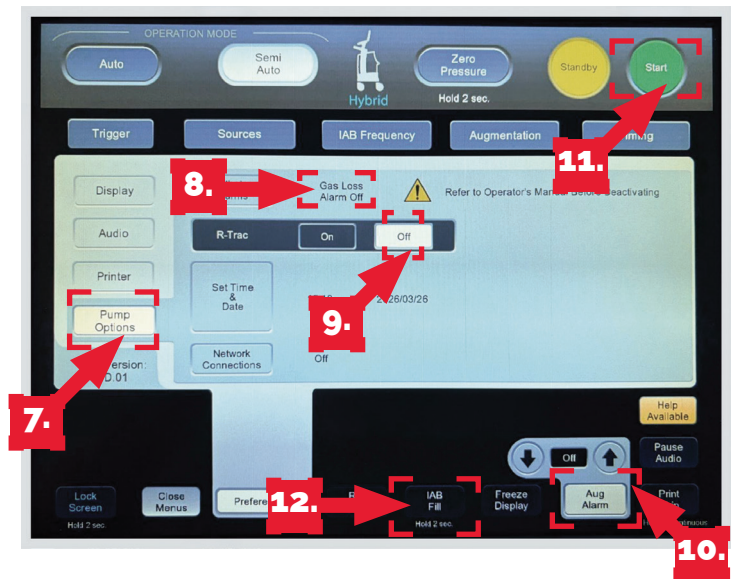
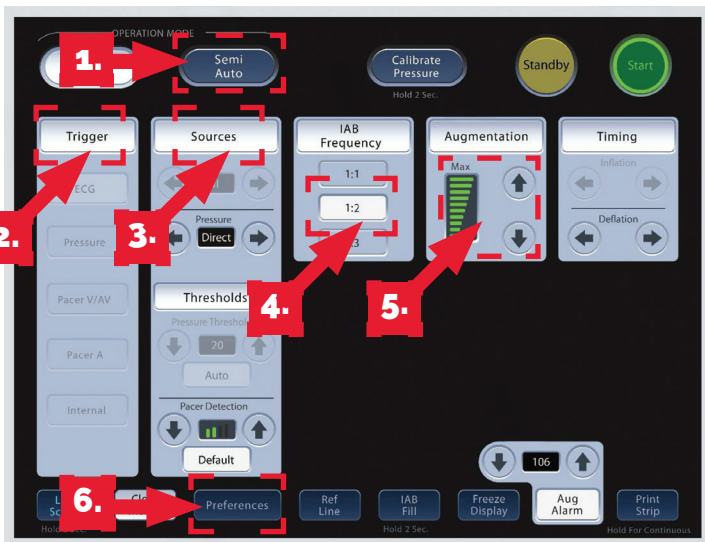
1. Set **OPERATION MODE** on **Semi-Automatic**
2. Set **TRIGGER** source on **ECG, Pressure** or **Internal rate** (Internal mode should always be used for uncontrolled atrial fibrillation, bradycardia <60bpm or tachycardia >95bpm)
3. **SOURCES:** **ECG** – lead II
4. Set **IAB FREQUENCY** to 1:2
5. Set **AUGMENTATION** to 100%
6. Press **PREFERENCES** at the bottom of the screen to select **SCREEN 2**
7. Press **PUMP OPTIONS** to access alarms
8. Next to **CATHETER ALARMS** click on **GAS LOSS ALARM OFF**
9. **R-TRACK** alarm - **OFF**
10. **AUGMENTATION ALARM** - **OFF**
11. When the iVAC 2L is connected: Press **START** button. Wait for the helium to fill the system (could take up to 30 seconds)
12. If there is no filling – press **IAB** button for 2 seconds – Press **START**

To silence alarms, press the **Pause Audio** button.

Observe the movement of the membrane and the curve on the IABP screen – if correct change **IAB FREQUENCY** to 1:1

To switch to **INTERNAL MODE**: Remove the ECG cable from the IABP. Change **TRIGGER SOURCE** to **INTERNAL**. Press **START**.

To switch to **ECG/PRESSURE MODE**: Insert ECG cable into the IABP. Change **TRIGGER SOURCE** to desired mode. Press **START**.



## Trouble shooting:

- Persistent alarms – check IABP settings and ECG cable (in for ECG and out for Internal)
- Multiple PVC's – Change mode to internal mode and change rate to match patient's heart rate
- Remove Membrane pump connector and reinsert (back of the pump) - start
- "High pressure alarm/kink in catheter" message – reduce **AUGMENTATION** to 90%, if alarms persist – change to internal mode increase augmentation to 100% and change rate to match patient's heart rate.
- If alarms are persistent after trouble shooting – **ACCESS ALARMS** panel and press **ALL ALARMS OFF** button