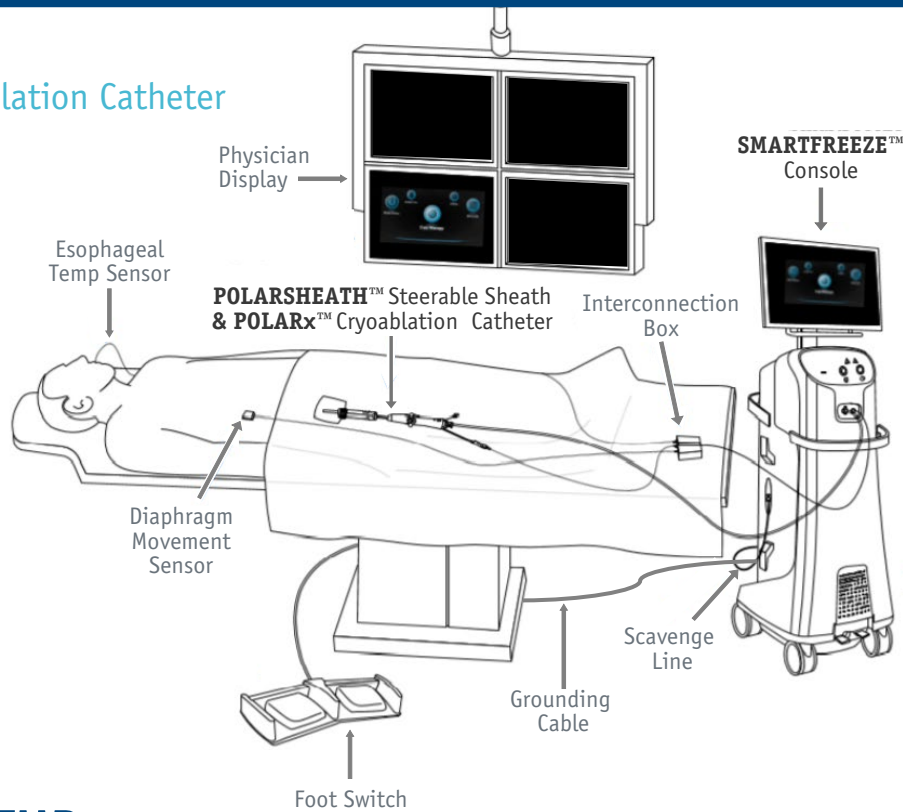


for use with  
**POLARx™** Cryoablation Catheter



## 1 LAB SETUP



- a** Open tank valve
- b** Connect scavenging line
- c** Connect foot switch and ICB to console
- d** Connect console to wall power



- e** Connect HDMI slave cable to boom monitor
- f** Turn on power switch located in rear/top of console
- g** Press Cryo Therapy on screen and log in with username and password



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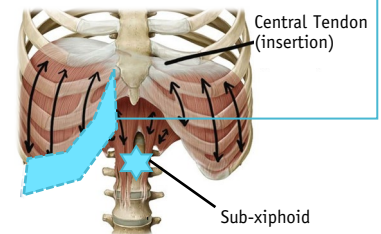
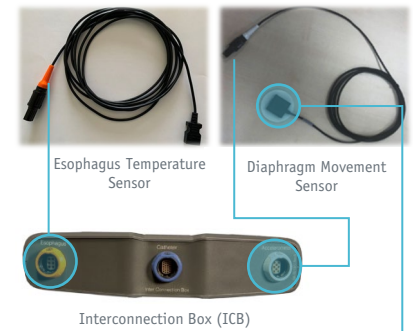
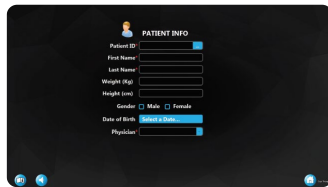
## 2 PATIENT SETUP

- a (Optional) Connect Esophagus Temperature Sensor (ETS) and Diaphragm Movement Sensor (DMS) to ICB

Note: ETS does not currently accept multi-sensor probes.

- b *Optimal* DMS placement varies by patient, but right sub-costal or ~4cm sub-xiphoid may be appropriate

- c Enter patient information on screen



## 3 PREPARE FOR ABLATION

- a Verify tank status on Therapy screen

Note: If tank weight is <1.6kg (3.5lb), case start is not recommended. If <1.1kg (2.5lb), a notification is displayed, and case start is not allowed. Exit to main screen and press Change Tank to follow on-screen video instructions.

- b Connect electrical umbilical to catheter and ICB

- c Connect Cryo-Cable to catheter and to front of console

- d Press Vacuum On and Confirm Catheter in 'Ready' state



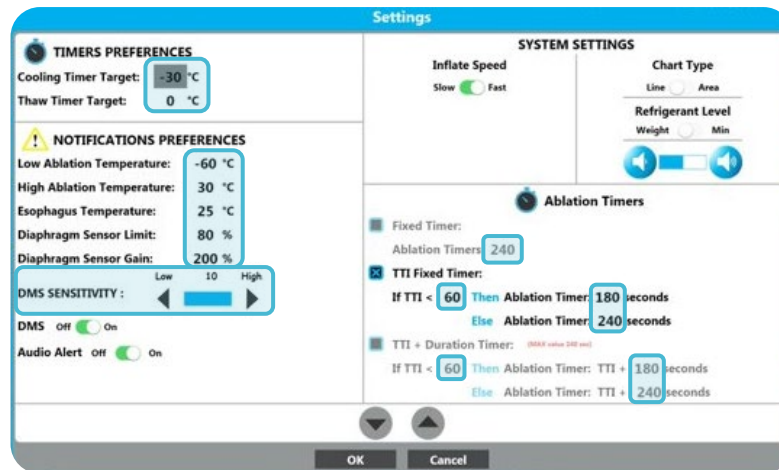
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## 4 ABLATION SETTINGS

### Fixed Timer

- Select fixed time to ablate in 30 seconds increments
- May stop at any time

Programmable Values



### TTI Fixed Timer

System logic depends on marking of TTI (programmable)

- If TTI < 60 seconds, then Ablation Timer extends 180 seconds
- If TTI ≥ 60 seconds, then Ablation Timer extends to 240 seconds

### TTI + Duration

System logic depends on marking of TTI (programmable)

- If TTI < 60 seconds, adds "x" seconds to time at which TTI marked
- If TTI ≥ 60 seconds, adds "x" seconds to time at which TTI marked
- A maximum of 240 seconds is allowed

## 5 POSITION & INFLATE

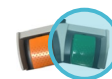


**a** Wire target vessel using POLARMAP™ Circular Mapping Catheter

**b** Start Inflation  
(3 options)



Press Start button  
on front of console



Press green  
Foot Pedal



Press Inflate on  
Therapy screen

for use with  
**POLARx™** Cryoablation Catheter

## 6 OCCLUDE



- a** Verify occlusion
- b** Designate vein
  - Touch Other on Therapy screen
  - Select PV



## 7 ABLATE

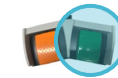
- a** Use programmed Ablation Timer or manually select duration



- b** Start Ablation (3 options)



Press Start button on front of console



Press green Foot Pedal



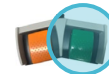
Press Start on Therapy screen

## 8 MONITOR



Temperature Graph with TTI marked (green dot)

- a** Temperature and mark TTI (Time to Isolation)



Press and hold green Foot Pedal for 3 seconds

OR



Press on Therapy screen

- b** Monitor DMS and ETS

NOTE: DMS Monitoring is an adjunct diagnostic tool and should not replace standard monitoring for PNP.



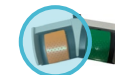
## 9 STOP

- a** Automatic Stop: Allow Console to stop ablation by reaching end of the Ablation Duration Timer, and allow Catheter to thaw to automatic deflation temperature (+20°C)

- b** Manual Stop: (3 options)



Press Stop button on front of console



Press orange Foot Pedal



Press Stop button on Therapy screen



Scan here for access to the POLARx™ Cryoablation System Troubleshooting Guide

**For Emergency Stop:** Double Tap on any of the stop options to rapidly cease ablation and deflate the balloon.