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CE 2409

## **iVAC 2L SLR** pVAD technology

*"SIZE DOES MATTER!"  
SMALLER IS SAFER*



CHECK OUT OUR  
NEW ANIMATION  
VIDEO



### SIZE IS THE HIDDEN RISK OF MCS

- The iVAC 2L Sheathless Ready (SLR) has 4 Fr reduction in vascular access
- Reduced OD size down to 5.3 mm
- SLR design allows easy percutaneous access
- Standard large bore access management required

### SUFFICIENT PULSATILE SUPPORT FOR IMPAIRED LV FUNCTION

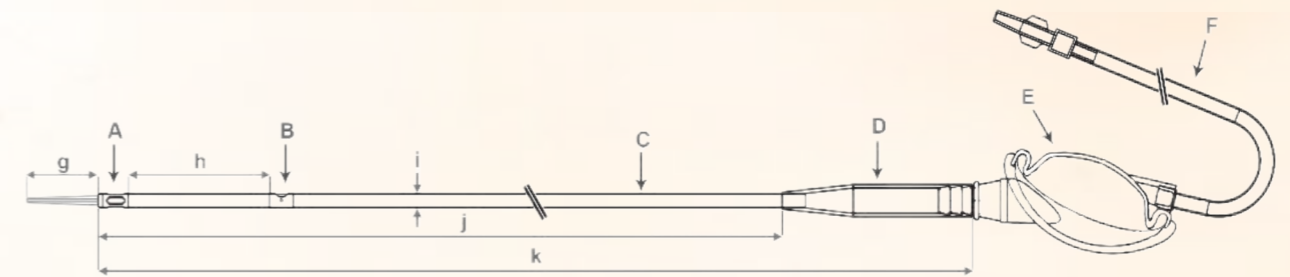
- Natural pulsatile flow
- Mean arterial pressure (MAP) increased by up to 50%, from 75 to 100 mmHg.
- Cardiac output (CO) increased by up to 25%, from 4 to 5 L/min.
- Cardiac power output (CPO) improved by up to 30%, from 0.6 to 1.0 W.
- User-friendly technology
- Driven by standard IABP console

\*Effect of next generation pulsatile mechanical circulatory support on cardiac mechanics - The PULSE trial. Cardiovascular Revascularization Medicine, March 2022

Marcelo B. Bastos , Hannah McConkey, Oren Malkin, Corstiaan den Uil, Joost Daemen, Tiffany Patterson, Quinten Wolff, Isabella Kardys, Jan Schreuder, Mattie Lenzen, Felix Zijlstra,

Simon Redwood, Nicolas M. Van Mieghem

### TECHNICAL DATA



Components		
#	Description	Materials
A	Tip	Stainless steel
B	Valve	Stainless steel
C	Flexible catheter segment	Nitinol wire encapsulated in Polyurethane
D	Soft connector	Polyurethane
E	Membrane Pump	MABS, Polycarbonate, Polyurethane
F	Membrane Pump Driveline with Male Luer Slip	PVC (driveline tube), Acrylic compound (Male Luer Slip)

Dimensions		
#	Description	Measurement (mm)
g	Maximum protrusion length of PTFE stylet (dilator) outside catheter tip	30
h	Length between tip and valve	60
i	Catheter diameter	LV16: 5.33 LV17 5.66
j	Catheter length excluding soft connector	920
k	Total length catheter	1000

Product Code: **LV17 or LV16**

Marketing name: **iVAC 2L SLR**

Please send order to: **info@pulsecath.com**