

# Impella®

## WORLD'S SMALLEST HEART PUMPS



## FROM EASE TO AUTOMATION

Terminology and use conditions refer to the European Medical Device Law.

 **ABIOMED®**

Recovering hearts. Saving lives.®

# Make Impella® Technology Automatic

When it comes to heart muscle support every second counts. The Impella® Controller with flow control offers a new level of automation delivering personalized hemodynamic support.

## One Touch Support

Unique flow control options simplify operation and patient management

- Autoflow technology provides optimal support
- Boost setting delivers maximum support
- Direct dial-in flow capability

## Transport Capable

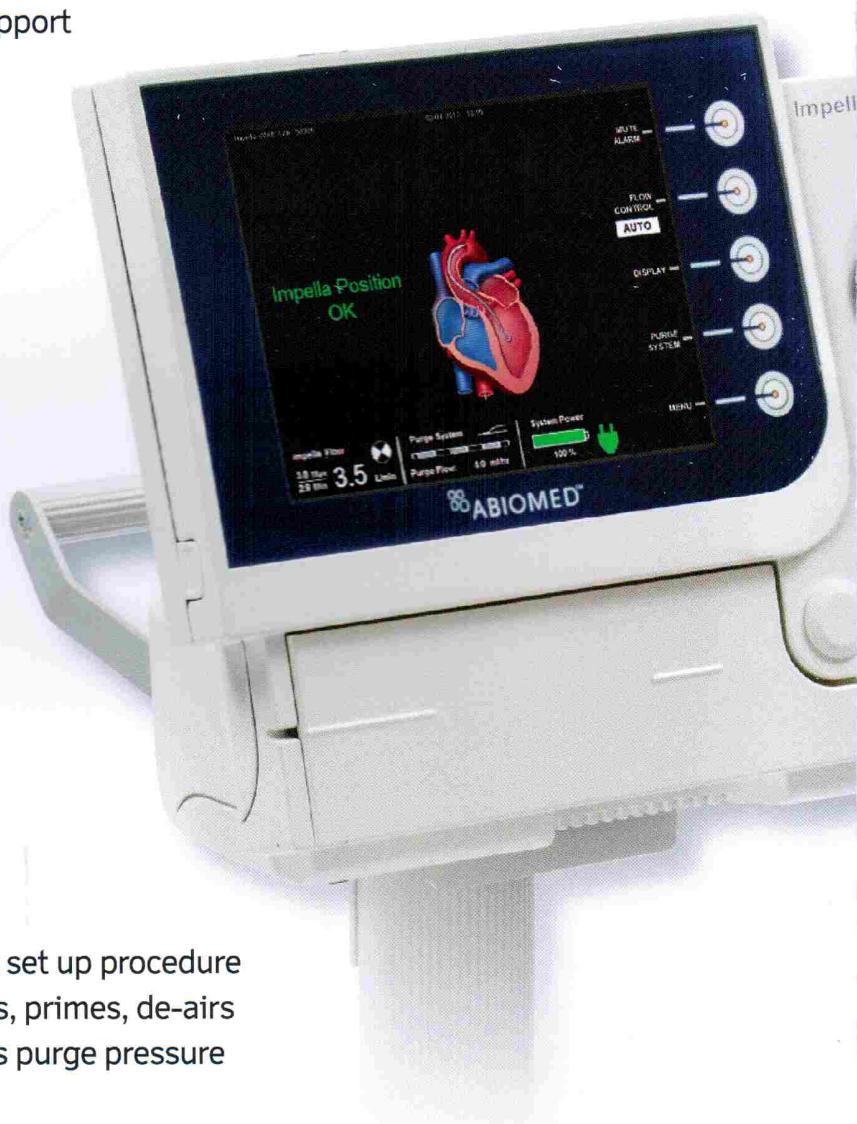
Durable cart provides easy and secure transport in and out of the hospital, FDA cleared for:

- Ambulance
- Helicopter
- Fixed Wing

## Automatic Start Up

Smart controller eases set up procedure

- Automatically detects, primes, de-airs
- Automatically adjusts purge pressure



## ACCf/AHA/SCAI 2011 GUIDELINES

Class I: Cardiogenic Shock:

“A hemodynamic support device is recommended for patients with cardiogenic shock after STEMI who do not quickly stabilize with pharmacological therapy.”

Class II b: Percutaneous Hemodynamic Support Devices:

“Elective insertion of an appropriate hemodynamic support device as an adjunct to PCI may be reasonable in carefully selected high-risk patients.”

Updated November 2011, J Am Coll Cardiol, doi:10.1016/j.jacc.2011.08.007 (Published online 7 November 2011)

## IMPELLA® CATHETERS

The world's smallest heart pumps deliver 2.5 to 5.0 liters of forward flow, now available in a range of flow rate to provide hemodynamic support.

### Impella® 2.5

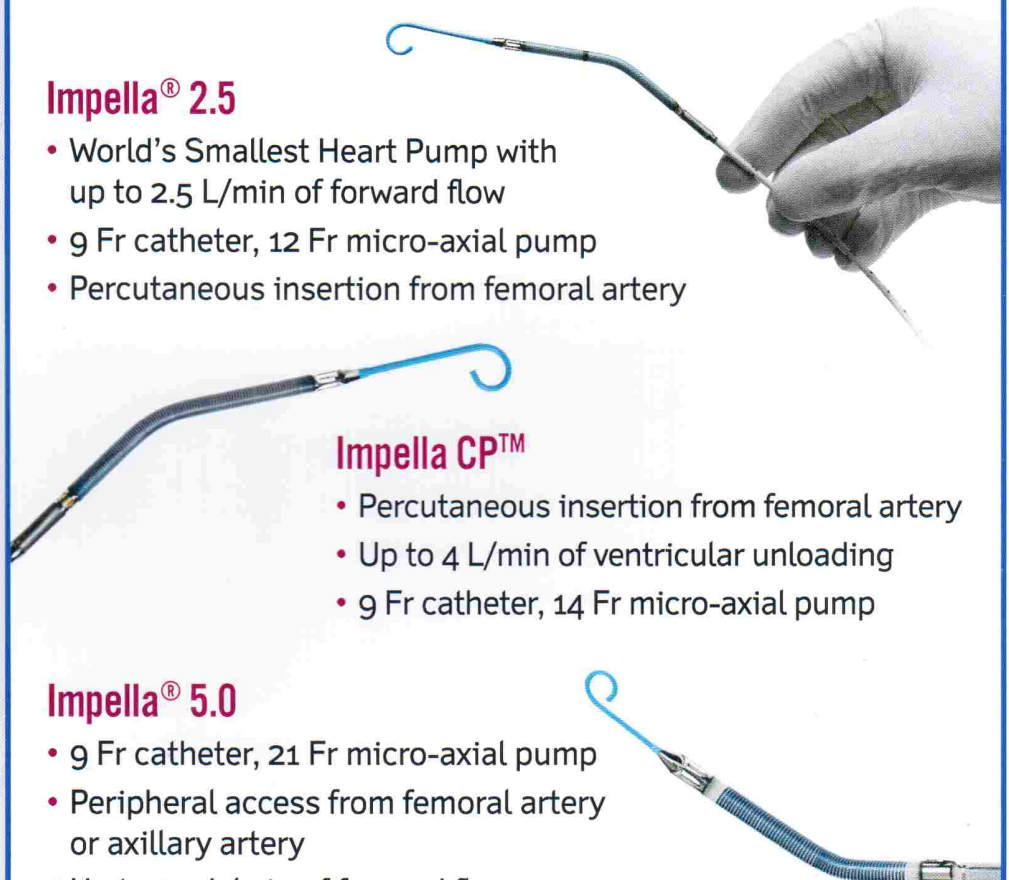
- World's Smallest Heart Pump with up to 2.5 L/min of forward flow
- 9 Fr catheter, 12 Fr micro-axial pump
- Percutaneous insertion from femoral artery

### Impella CP™

- Percutaneous insertion from femoral artery
- Up to 4 L/min of ventricular unloading
- 9 Fr catheter, 14 Fr micro-axial pump

### Impella® 5.0

- 9 Fr catheter, 21 Fr micro-axial pump
- Peripheral access from femoral artery or axillary artery
- Up to 5.0 L/min of forward flow





# Product Information

| Part Number        | Description   |
|--------------------|---|
| 0042-0000-EU       | Automated Impella® Controller   |
| 0042-0000-UK       | Automated Impella® Controller   |
| 0042-0020          | Impella® Controller Cart  |
| <b>Accessories</b> |   |
| 0042-0002          | Impella® Controller Connector Cable for Impella® 2.5, Impella CP™, Impella® 5.0 and Impella® LD |
| 0043-0003          | Impella® Controller Purge Cassettes, Box of 5   |

## Impella® Catheters

| Part Number | Description   |
|-------------|---|
| 005040      | Impella® 2.5 pump with 13 Fr introducer and sheath, 0.018" x 260 cm guidewire, 0.035" x 150 cm guidewire, Impella® Controller connector cable, purge cassette, 10cc syringe and needle, ea.                             |
| 005060      | Impella® 5.0 pump with Impella® Controller connector cable, purge cassette, 0.025" guidewire, silicone plugs  |
| 005080      | Impella® LD pump with Impella® Controller connector cable, purge cassette, incision template  |
| 0048-0002   | Impella CP™ pump for use with Impella® Controller, 14 Fr introducer and sheath, 0.018" x 260 cm guidewire, 0.035" x 150 cm guidewire, Impella® Controller connector cable, 10cc syringe and needle, purge cassette, ea. |

Instruction for Use (IFU) can be found on [www.abiomed.com](http://www.abiomed.com)



Recovering hearts. Saving lives.

Clinical support 24 hours per day,  
7 days a week:

+49 (0) 1805 2246633 (EU)

ABIOMED Europe GmbH

Neuenhofer Weg 3

52074 Aachen, Germany

Voice: +49 (241) 8860-0

Facsimile: +49 (241) 8860-111

Email: [europe@abiomed.com](mailto:europe@abiomed.com)

HCS-PM-0512-0294-1