

# Professional Education Catalog

Training and Educational Program Overview



[heartrecovery.de](http://heartrecovery.de)

Meet the Trainer

Peer to peer Programs

CAMP PCI

Tools & Resources

# Professional Education Catalog

Abiomed is a pioneer and global leader in healthcare technology and innovation. From the world's first total replacement heart to the world's smallest heart pump, Abiomed is dedicated to finding ways to bring the most advanced and beneficial technology to patients and physicians.

The Abiomed EMEA Professional Education Program offers a full curriculum of educational programs that welcome a wide range of users and experience levels which includes Interventional Cardiologists, Heart Failure Cardiologists, Cardiac Surgeons, Intensivists, Fellows, Perfusionists and Nurses.

Many high-risk coronary artery disease patients are not diagnosed as having heart disease or are told that they have no treatment options due to the risk and complexity of their heart disease. Those patients who do receive treatment often have less than optimal results due to lack of awareness of proper treatment strategies.

This catalog includes a full spectrum of diverse training and educational formats, dedicated to improving patient outcomes and quality of life with Impella hemodynamic support by utilizing best practices, techniques and technologies:

- Peer to peer courses
- Instructor-led in-house training
- Virtual classroom training
- Self-directed online learning courses and further educational programs, dedicated to specific customer groups

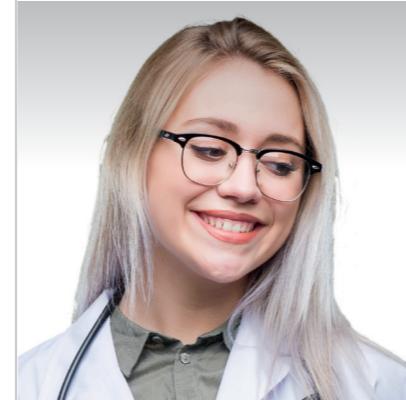
We encourage you to register for the program that meets your needs and educational interest.

For additional information  
please contact:

[ProfessionalEducationEMEA@abiomed.com](mailto:ProfessionalEducationEMEA@abiomed.com)  
or your local Abiomed team.



## Content



### Peer to peer Programs

- 11 – Round Table
- 12 – Building Your Impella Program
- 13 – Core Team Course (CTC)
- 14 – Fit for ICU
- 14 – Masterclass
- 15 – Advanced Hemodynamic Course
- 15 – Digital Summit Series

- 16 – Additional Online Events
- 16 – Webinars
- 16 – Case Club
- 17 – Virtual Round Table



### Tools & Resources

- 18 – CAMP PCI
- 20 – Abiomed Academy
- 21 – Newsblog
- 21 – Impella® App
- 22 – Abiomed Medical Affairs
- 23 – Heartrecovery.de

## Meet the Trainer

### 04 – Introductory Programs

- 05 – Start your Impella program with product training - Custom Impella training
- 06 – Impella access and groin management in the Cath Lab

- 07 – Impella access and groin management on the ICU

### 08 – Advanced and Champion Impella Users' Programs

- 08 – Impella RP® kick-off & certification training
- 09 – Impella in the ICU – online training for nurses

### 10 – Impella Training Bites

## CAMP PCI

Meet the Trainer

Peer to peer Programs

CAMP PCI

Tools & Resources

# Meet the Trainer

## Impella hemodynamic support

<b>LEVEL 1</b>	Starter
<b>LEVEL 2</b>	Advanced
<b>LEVEL 3</b>	Champion

For additional information  
and registration please contact:

[eu\\_trainingdepartment@abiomed.com](mailto:eu_trainingdepartment@abiomed.com)  
or your local Abiomed team.



## Introductory Programs

These programs are for customers seeking to gain knowledge and education about percutaneous mechanical circulatory support, specifically Impella systems, and for customers that are relatively new to the Impella product line or about to acquire Impella products.

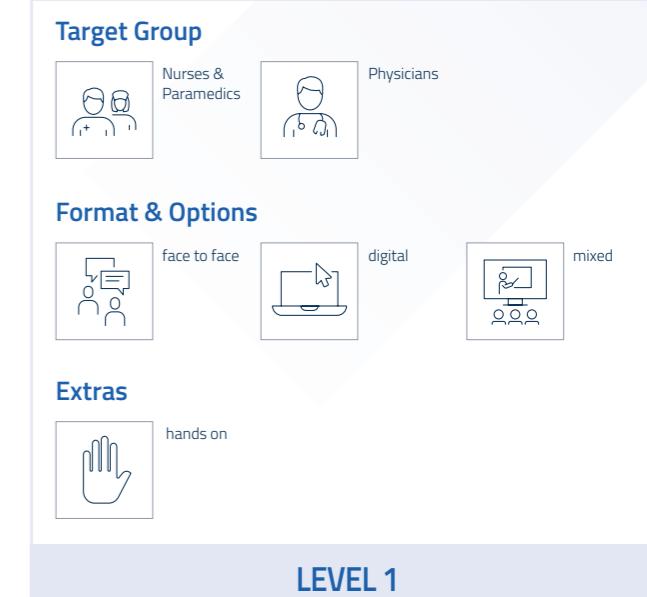


### Start your Impella program with product training - Custom Impella training

Are you prepared to launch an Impella program in your hospital and have already purchased the Impella system? This kick-off training is prerequisite to start your program in your hospital. The comprehensive Impella product training introduces you and your team to the clinical aspects relevant for a successful start.

This program focuses on the Impella product portfolio you need to support the left heart, which includes the Impella 2.5®, Impella CP® with SmartAssist®, Impella 5.0®, Impella® LD and Impella 5.5® with SmartAssist® heart pumps.

Meet your local Abiomed team and customize the program to your specific needs. The training segments can be offered in-house, remotely, or as a combination of both.



## Impella access and groin management in the Cath Lab

This instructor-led training begins with a brief overview of the Impella heart pumps and femoral access. This includes a review of Abiomed's introducers and repositioning sheaths, access and closure techniques and best practices to minimize vascular complications.

The course also includes simulation techniques and is particularly dedicated to cath lab personnel.

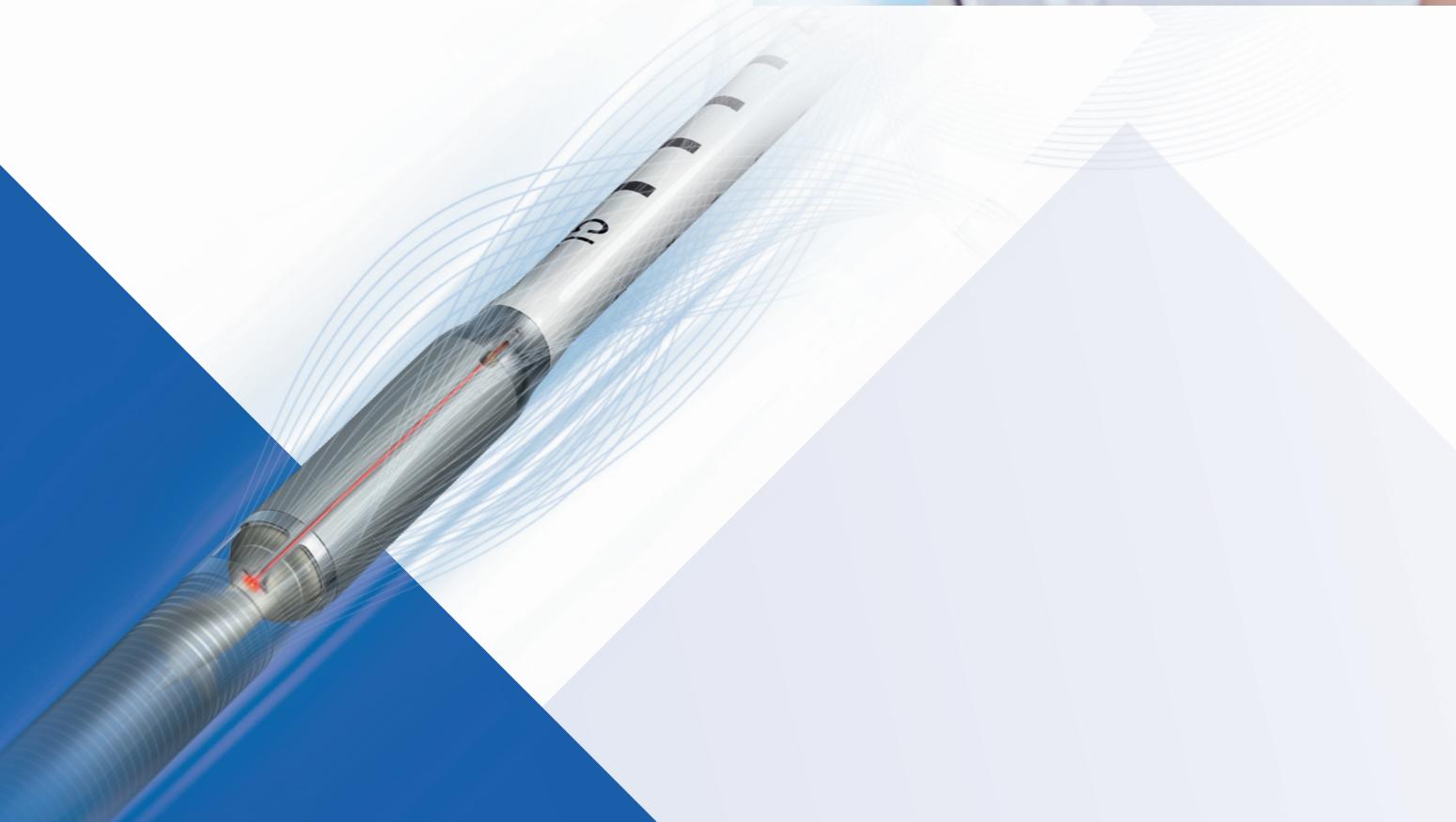
Target Group
Nurses & Paramedics
Physicians
Format & Options
face to face
digital
<b>LEVEL 1</b>



## Impella access and groin management on the ICU

This instructor-led training begins with a brief overview of the Impella heart pumps and femoral access. This includes a review of Abiomed's repositioning sheaths, access and closure techniques and best practices to manage large bore access on an ICU, fixation techniques and troubleshooting. The course is particularly dedicated to ICU personnel.

Target Group
Nurses & Paramedics
Physicians
Format & Options
face to face
digital
<b>LEVEL 1</b>



# Advanced Impella Users Programs

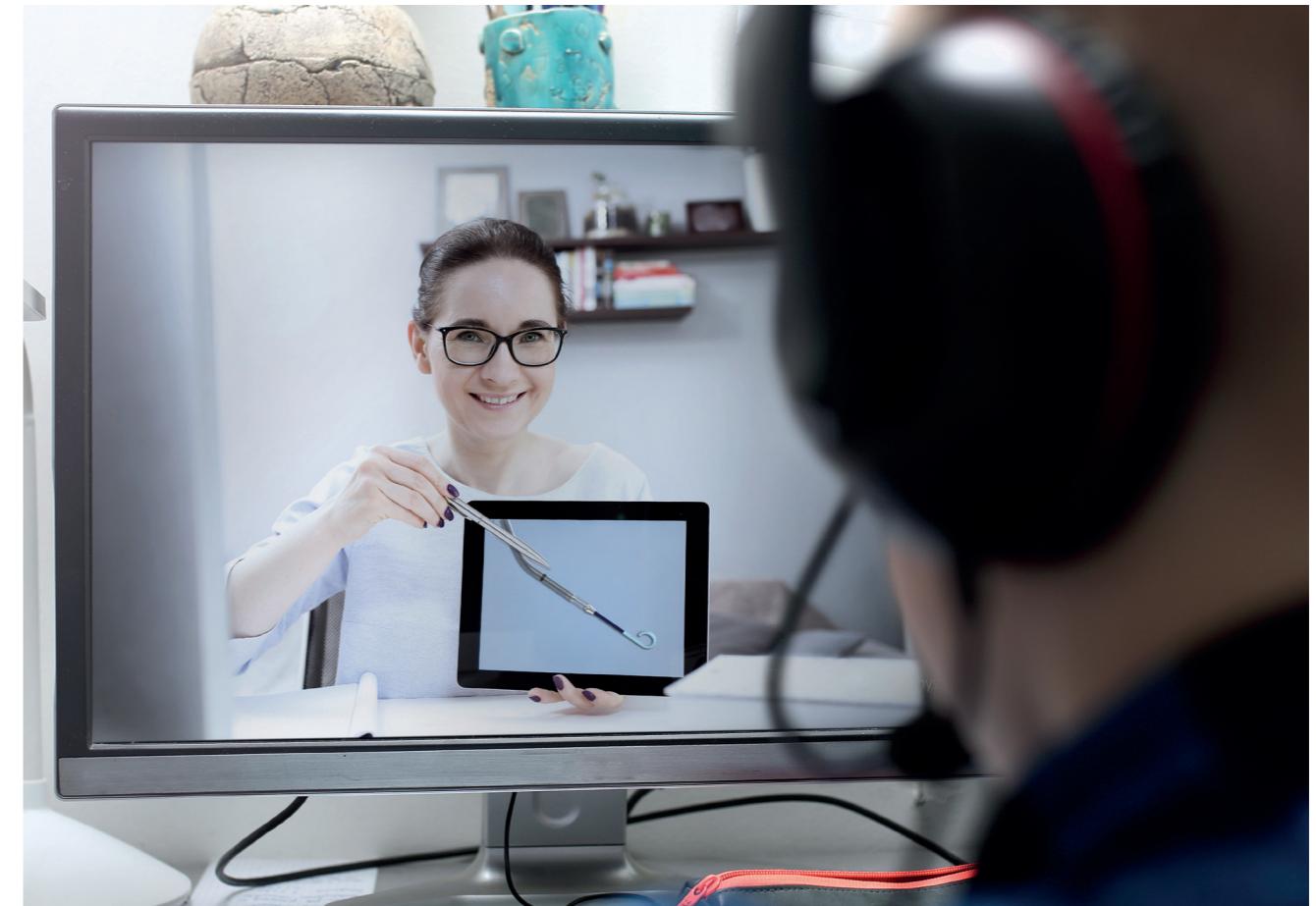
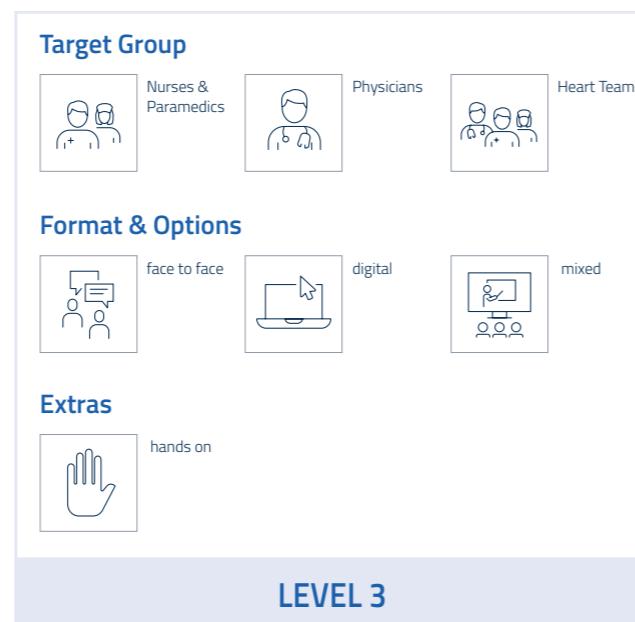
These courses are geared towards Impella users who are familiar with the use of Impella devices and who would like to enhance their knowledge, allowing them to expand their application of hemodynamic support. These courses are most applicable for attendees that have a basic level of Impella experience.

## Impella RP® kick-off & certification training

This instructor-led training provides you and your heart team with the information and insights you need to successfully start your Impella RP program in your hospital. The course includes technology overview, patient identification, insertion, and patient management topics as well as tips & tricks.

The kick-off training is prerequisite to start your program in your hospital. The Impella Training Module Catalog will help you to select the right modules for the right audience and to plan your schedule.

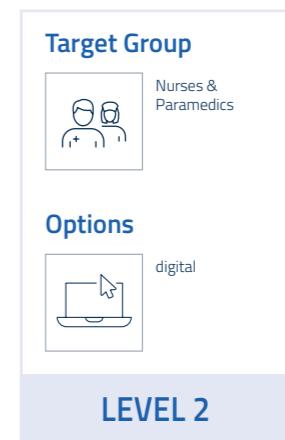
Meet your local Abiomed team and customize and set up your personalized training plan.



## Impella in the ICU – online training for nurses

This online course is dedicated to ICU nurses who already have caring experience with Impella patients on their wards. In various 90 minute-modules the practice-relevant topics of hemodynamic support with Impella pumps are discussed. This will include specific troubleshooting topics as well as time for Q&A and open discussions.

Please contact your local Abiomed representative for current information and personal invitation.



**FURTHER  
INFORMATION**



## Impella Training Bites

Impella Training Bites are short online training sessions with an EMEA Clinical Trainer or a member of the EMEA Medical Office, which can be booked ad hoc. The purpose of these "Training Bites" is to provide you with quick insights, according to your actual needs. The session length is kept < 60 minutes.



Title	Description	Suggested Impella Experience
<b>Impella patient identification</b>	Review with a member of the EMEA Medical Office patient identification, best practices, and algorithms for both Protected PCI and Cardiogenic Shock	<b>LEVEL 1</b>
<b>Mastering Impella CP with SmartAssist®</b>	Provides didactic and patient scenarios focused on best practices supporting Impella CP with SmartAssist® on the ICU	<b>LEVEL 1</b>
<b>Escalation of care in Cardiogenic Shock</b>	Provides information on escalation of care in Cardiogenic Shock and explains how to identify the appropriate population for Impella heart pump support for Protected PCI and Cardiogenic Shock	<b>LEVEL 2</b>
<b>Recover right</b>	Provides presentation reviewing recover right and Impella RP patient identification best practices and algorithms	<b>LEVEL 2</b>
<b>Impella heart pump designed for blood compatibility</b>	Provides an overview of hemolysis and explains how the Impella device was designed to minimize hemolysis. This course also reviews hemolysis testing with the Impella heart pump and shows how the device differs from other heart pumps in a clinical setting	<b>LEVEL 1</b>
<b>Mastering the Impella 5.5 with SmartAssist® insertion and positioning</b>	Provides didactic and patient scenarios focused on best practices inserting and positioning Impella 5.5 with SmartAssist® in the OR	<b>LEVEL 1</b>
<b>Mastering the Impella 5.5 with SmartAssist® patient management</b>	Provides didactic and patient scenarios focused on best practices supporting Impella 5.5 with SmartAssist® on the ICU	<b>LEVEL 1</b>
<b>Mastering the Impella RP patient management</b>	Provides didactic and patient scenarios focused on best practices supporting Impella RP on the ICU	<b>LEVEL 3</b>
<b>LV unloading: the use of ECMO and Impella Systems</b>	Open discussion with an EMEA Clinical Trainer on LV unloading during ECMO therapy	<b>LEVEL 1</b>
<b>Impella with SmartAssist®</b>	This training provides a deeper insight into the benefits and utilization of the SmartAssist® technology in general	<b>LEVEL 1</b>
<b>Hemodynamic training</b>	This course reviews PV loops and the physiology of Impella pumps. The online HARVI application is used to demonstrate the effects of various therapies on the PV loop	<b>LEVEL 1</b>
<b>Case review</b>	Meet an EMEA Clinical Trainer to review and discuss a case	<b>LEVEL 1</b>

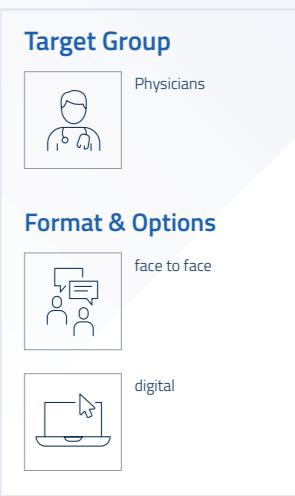
Training topics can be subject to changes. Please contact your local Abiomed team and ask for actual offers and opportunities.

## Peer to peer Programs

### Round Table

Join us for an expert presentation and group discussion with your peers to enhance your knowledge around Impella. Small groups allow an interactive and case-based exchange on predefined Impella topics. You will get tips & tricks on best practice from a renowned expert speaker. The round tables are designed as a network platform with an optional joint dinner.

**Course targets:**  
This event includes theory in the form of lectures and presentations of case studies with the opportunity to exchange experiences. The meeting takes place as an evening event and supports the exchange of experience on a regional level.



For additional information and registration please contact:

PPD\_EMEA@abiomed.com  
or your local Abiomed team.

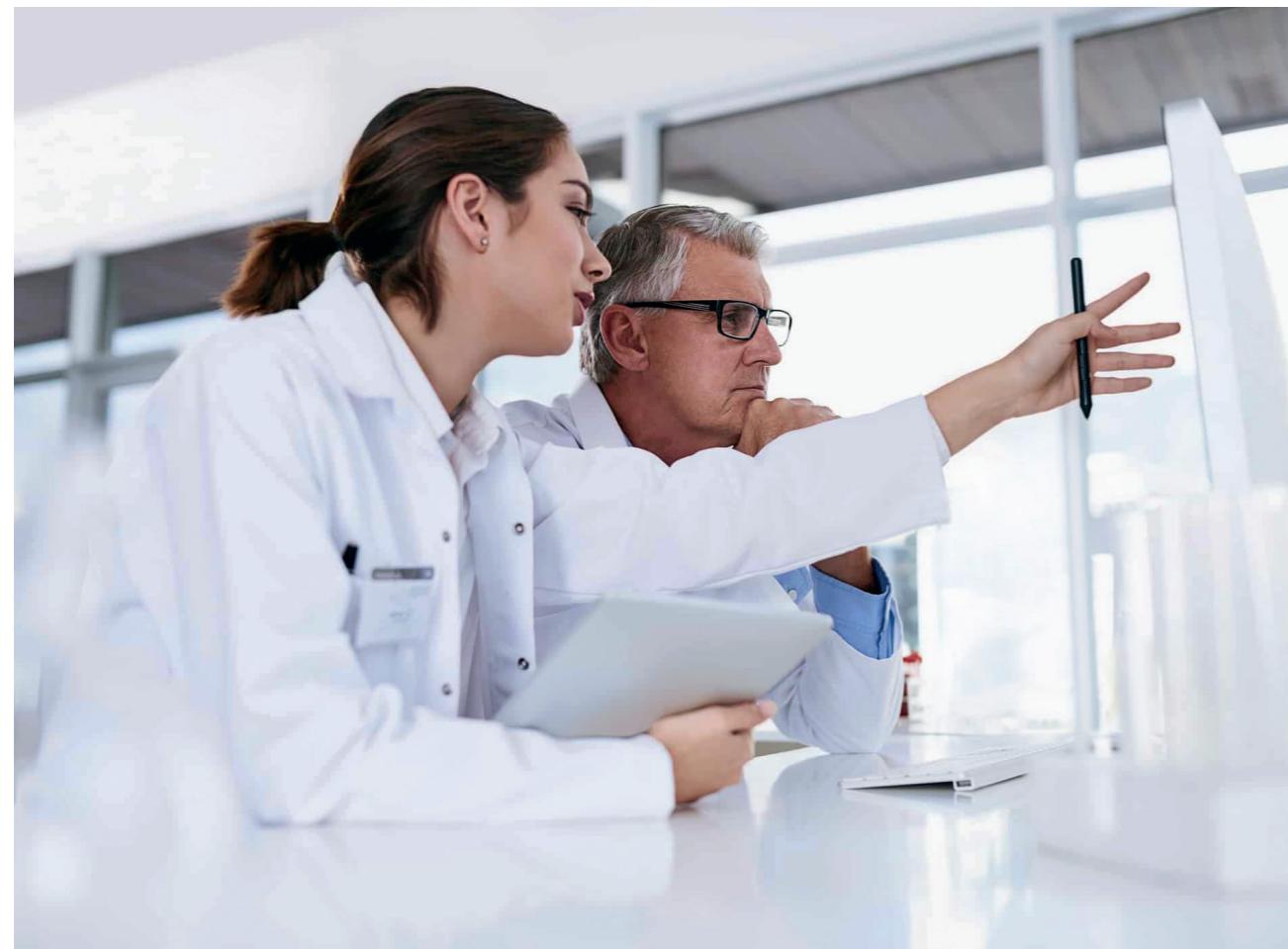
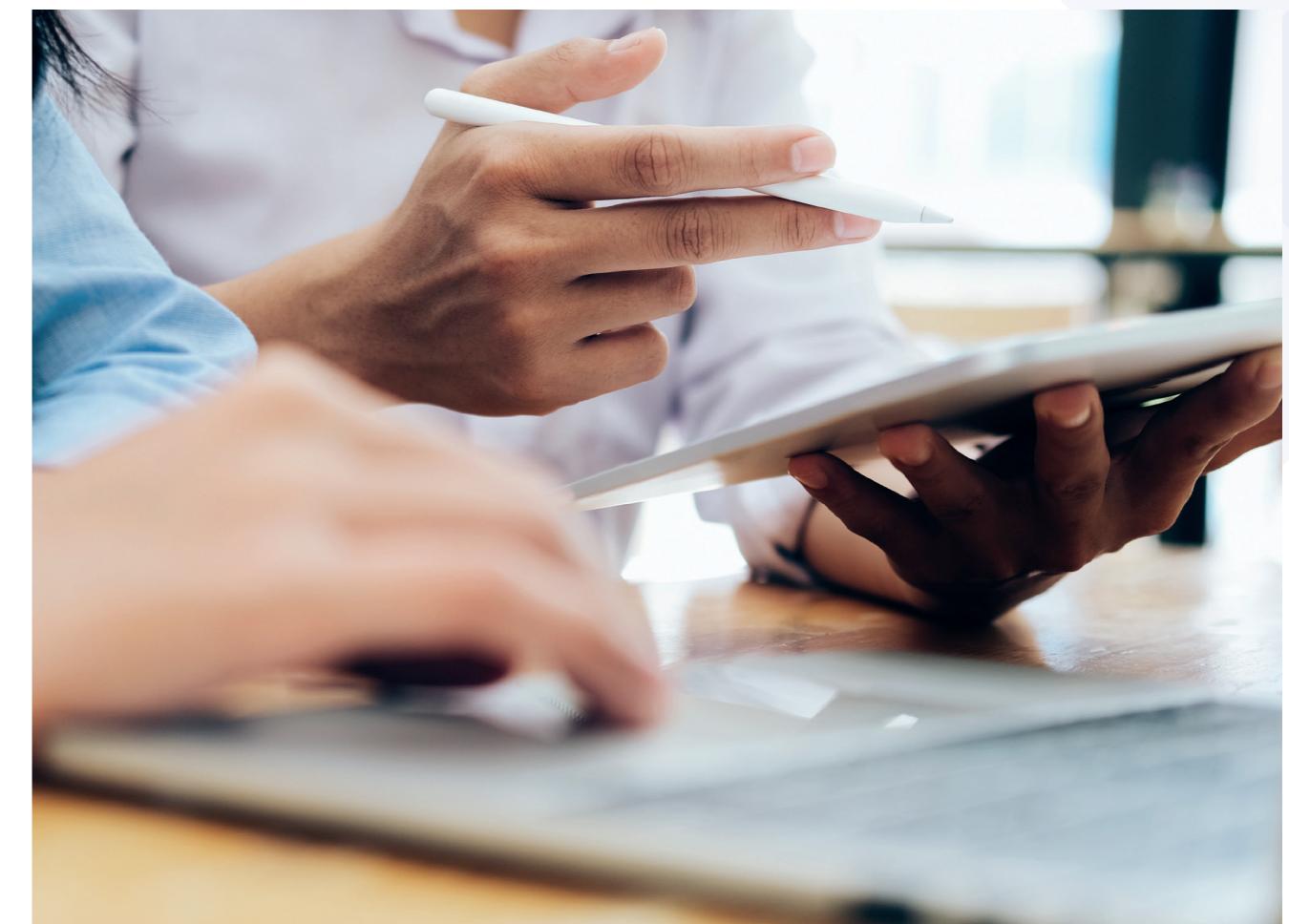
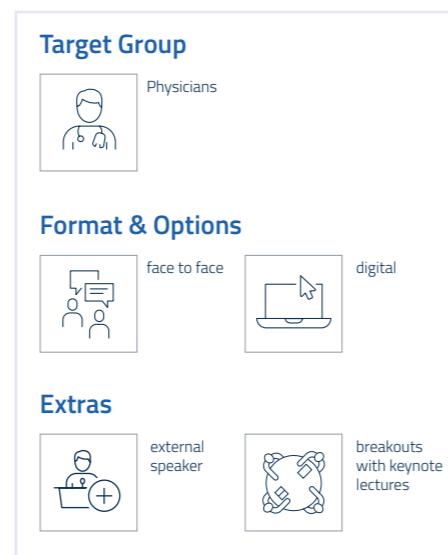
## Building Your Impella Program

Are you planning to introduce a Protected PCI program with Impella heart pumps in your hospital and would like to get an initial overview of the relevant clinical and economic aspects? The Building your Impella Program provides you with practical tips & tricks to start your Impella journey. Hear from your peers about their lessons learned on their way to a successful implementation of such a program.

The course format allows intimate and interactive sessions and focuses on the steps required to build a complete program with medical perspectives and health economics addressing special aspects related to Cardiologists. You will also discuss the heart team approach using hemodynamic support in patients with Cardiogenic Shock following an acute myocardial infarction or patients undergoing a High-Risk PCI procedure.

To enable a lively peer-to-peer exchange, the number of participants per course is limited.

Please register yourself and your local peers to attend our Building your Impella Program.



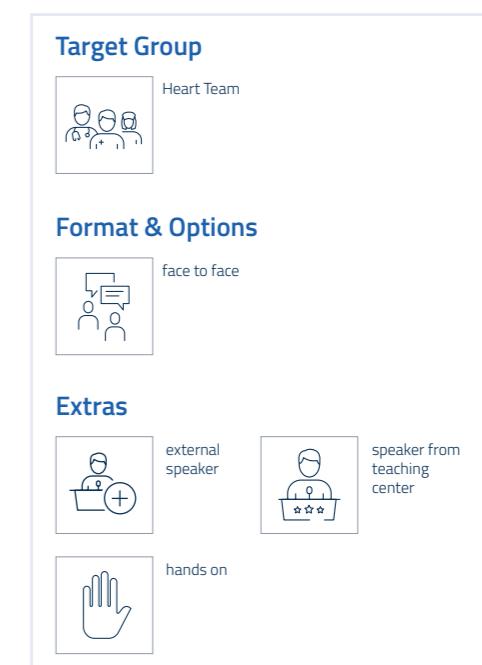
## Core Team Course (CTC)

This course is designed for clinical teams consisting of three team members (min. 1 physician, ICU/Cathlab/ Cardiology) working across health care professions to treat Impella patients. The courses are hosted in a hospital or an academic teaching center.

Together with the Expert Faculty you will share experience and – with a focus on the core team approach – receive intensive advanced knowledge to optimize procedures and processes. Expert presentations on hot topics around Impella, case-based discussions are part of the one-and a half day program. The interdisciplinary areas of responsibilities will be defined and discussed in breakout sessions in a practice-oriented manner. Thus, this course offers a very high relevance to everyday life, including the application of algorithms and protocols for outcome improvement in Impella patients.

To enable a lively exchange, the number of participants per course is limited.

If you and your Impella core team are experienced Impella users but still strive for optimization you should register for our Core Team Course Program.



## Fit for ICU

The format is directed specifically at intensive care teams, physicians & nurses/technicians, with Impella experience and has been designed to improve daily practice and work efficiency on an ICU. Experienced Impella users present and discuss with the audience relevant topics of Patient Management on the ICU with a clear focus on the practical approach. In a hands-on session on high tech simulators the participants review pump position, hemodynamic correlations and troubleshoot scenarios in interactive group discussions. To enable a lively exchange, the number of participants per course is limited.

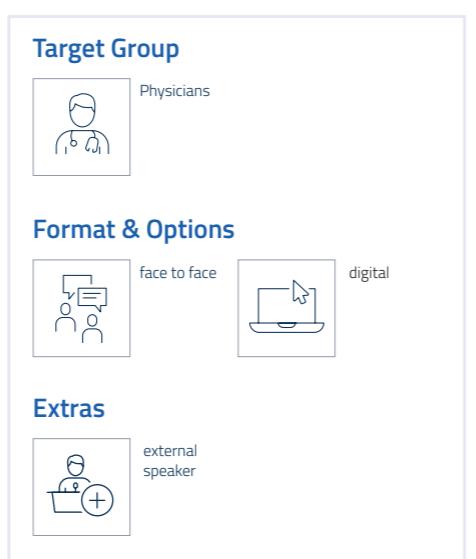
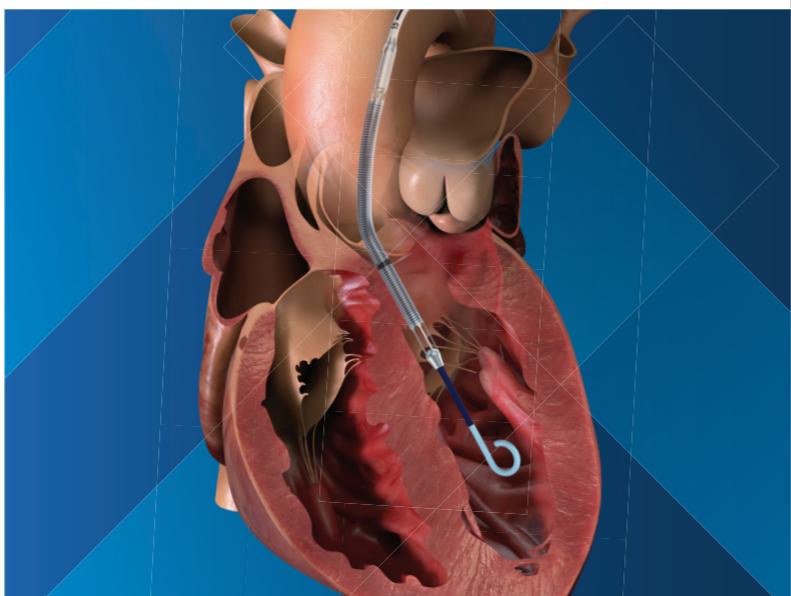
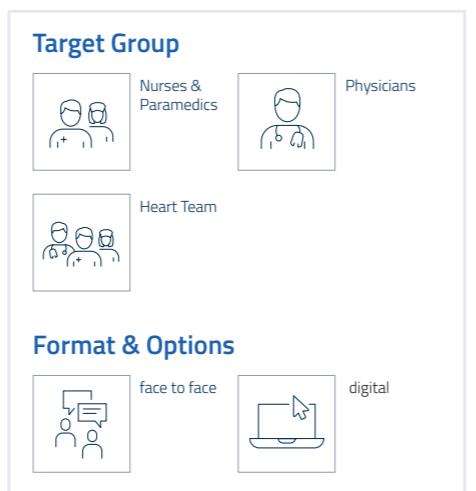
If you would like to intensify your knowledge about hemodynamic support with Impella heart pumps on the ICU, please register for our Fit for ICU course.

## Masterclass

This course offers a multidisciplinary discussion platform for real Impella experts. Up to 15 physicians consisting of cardiologists, heart surgeons and intensive care specialists join our renowned Impella experts in selected centers to learn and share experience on hot topics around Impella through scientific presentations as well as practical case reviews.

In addition to knowledge transfer, the main aim of the Masterclass is to focus on Heart Recovery in the setting of cardiogenic shock and Protected PCI patients. The Masterclass takes place in a hospital environment and is held over one and a half days, with a dinner hosted in the evening prior the meeting day.

If you are an Impella expert working with the device in your daily practice, wishing to further optimize your skills and Impella expert network, please register yourself for the Masterclass Program.



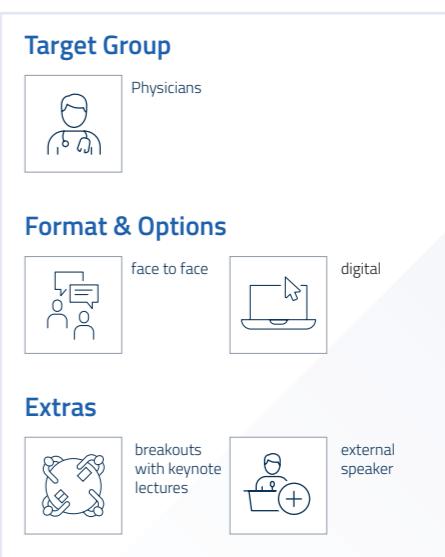
## Advanced Hemodynamic Course

The Advanced Hemodynamic Course (AHD) is an interactive on-site event (with remote viewing options) designed for approximately 150-200 cardiologists, intensivists, and cardiac surgeons with Impella experience around Europe. It includes interactive discussions, case-based presentations, and interactive workshops to reinforce the latest treatment methods for patients. Participants will have the opportunity to exchange peer-to-peer experience and see and discuss cases live.

The program is built on different focus topics:

- The importance of unloading and revascularization
- MCS support in high-risk cardiac interventions and in Cardiogenic Shock
- Patient selection and management
- Therapy escalation and de-escalation
- Access and closure techniques
- MCS in cardiac surgery

At the end of this 1.5 day course, participants will also be able to interpret the latest clinical evidence in hemodynamic support to optimize treatment protocols and hemodynamic support programs in their clinical practice.



## Digital Summit Series

The Digital Summit Series is an additional remote course 1-2 times a year for the same audience as the AHD course to discuss recent data and experiences. The format is a 2-3 hrs interactive online summit led by a faculty of highly acknowledged clinical experts from ICU, Cardiology or Heart Surgery.

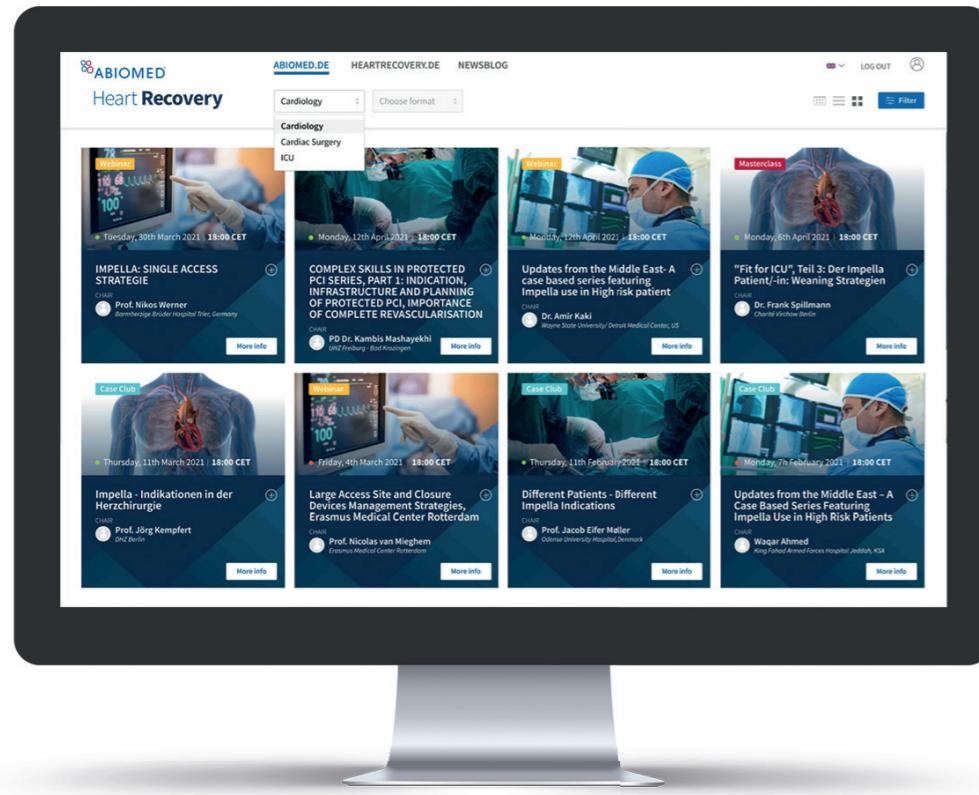


## NEWSBLOG

Previous recordings are available on our Newsblog

[www.abiomed-news.de](http://www.abiomed-news.de)

Please contact your local Abiomed team for more details.



## Additional Online Events

### Webinars

During this 60 – 90 min. online course, 3-4 selected experts will speak on a hot topic related to the clinical use as well as clinical data of Impella heart pumps. Our live webinars are designed to offer the latest scientific aspects the Impella devices. Despite the high number of possible participants, the format allows interactive discussions via chat function with the faculty.

### Case Club

The "Case Club" series focuses on real-life case presentations, highlighting daily best practice, standards and protocols with the Impella system. This typically contains two to three expert user case presentations providing practical tips and tricks allowing a highly interactive exchange with the audience. Despite the high number of possible participants, the format allows interactive discussions via chat function with the faculty.

**FURTHER INFORMATION**



### Virtual Round Table

These tailor-made events take place at the request of hospitals and heart clinics as a targeted training program. The 60 minutes each are extremely interactive and are primarily used to get the most important and latest information on data, updates, tips and tricks, and best practices. An invited expert responds specifically to the participants' questions and suggestions. The virtual round table is designed for 15 people.



## CAMP PCI

The CAMP learning collaboration has been founded from physicians and offers the industry's most comprehensive and highest quality physician education and training program for treating high-risk patients with advanced coronary artery disease.

CAMP offers continuous learning on multiple platforms and educational solutions. CAMPPCI.org is the global digital platform of the CAMP community, where active members have access to Lectures, Courses, Resources, Live cases and much more.

CAMP PCI is a closed community and access is by invitation only.

<b>Target Group</b>
Physicians
<b>Format &amp; Options</b>
face to face
digital
mixed
<b>Extras</b>
external speaker
breakouts with keynote lectures
hands on



Further  
information

# Tools & Resources



Further information

If you are interested in sharing a case or your experience please contact:

[eu\\_marketing@abiomed.com](mailto:eu_marketing@abiomed.com)



## ABIOMED® ACADEMY

Your Source for Impella Education



## Impella® App

The Impella App by Abiomed, Inc. puts key information concerning the Impella family of heart pumps at your fingertips. Nurses, perfusionists, and physicians in the cath lab, ICU, or Operating Room (OR) can access vital information and more.

This Impella App provides for instance access to clinical evaluation tools, quick skills videos on the setup and insertion of Impella® heart pumps, up to date clinical information on a wider array of topics, and Abiomed's 24/7 Clinical Support Center. The Impella App is available on the App Store and Google Play.



## Newsblog

The Abiomed Newsblog is designed as an up to date resource platform to connect physicians, nurses, and healthcare professionals. Latest symposia recordings, interviews, publications, and cases related to Impella are shared on the Newsblog.

The Newsblog is available in two languages (German and English) and is regularly updated.

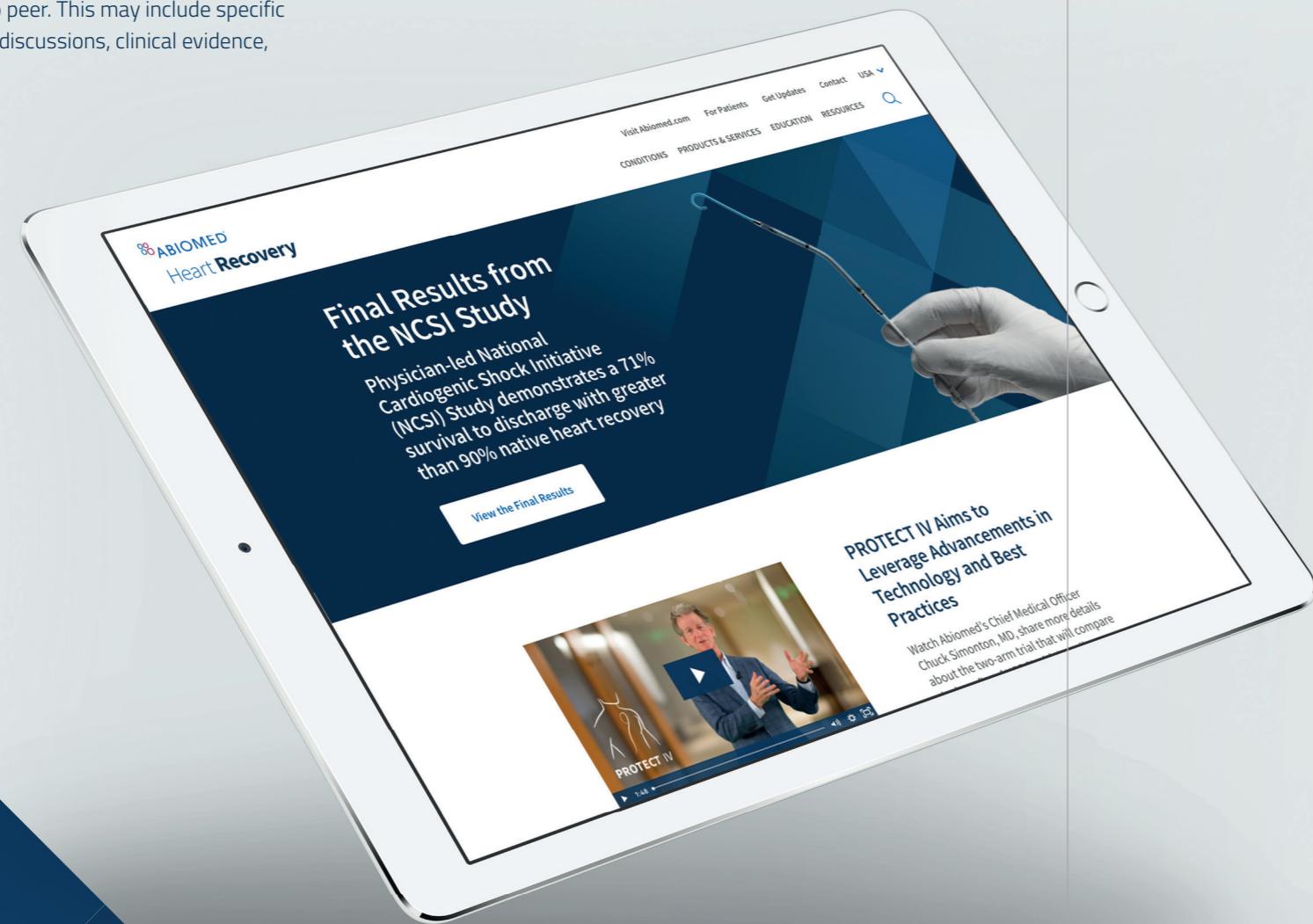


Further information



## Abiomed Medical Affairs

Licensed healthcare professionals practicing in the cardiology and heart surgery space are invited to contact our Medical Affairs EMEA department and have a clinical discussion from peer to peer. This may include specific clinical questions, case discussions, clinical evidence, and recent data.



For additional information please contact:

[eu\\_medicalaffairs@abiomed.com](mailto:eu_medicalaffairs@abiomed.com)  
or your local Abiomed team.



## Heartrecovery.de

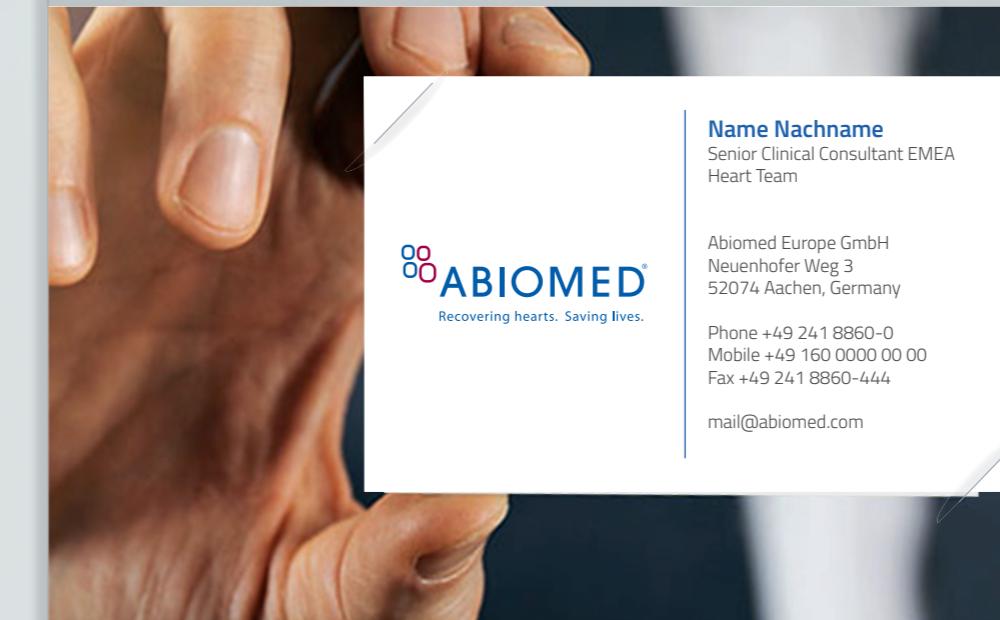
From physician-led case studies to clinical trials, heartrecovery.de provides everyone with a comprehensive source of data and best practices to help you achieve the best possible outcome for your patient.

Interventional cardiologists can find here their source of training and data to treat high-risk PCI, Cardiogenic Shock, and right heart failure patients. At the same time, cardiac and vascular surgeons can learn here how to escalate, stabilize and recover native organs with minimally invasive surgical techniques.

And finally, fellows can use heartrecovery.de to advance their knowledge and develop skills to treat complex PCI patients.



Further information



Name Nachname  
Senior Clinical Consultant EMEA  
Heart Team

Abiomed Europe GmbH  
Neuenhofer Weg 3  
52074 Aachen, Germany  
  
Phone +49 241 8860-0  
Mobile +49 160 0000 00 00  
Fax +49 241 8860-444

[mail@abiomed.com](mailto:mail@abiomed.com)

# **Well-founded and practice-oriented learning that brings medical professional groups forward in a targeted manner.**

## **For Interventional Cardiologists**

Your source of training and data to treat high-risk PCI, Cardiogenic Shock and right heart failure patients

## **For Cardiac and Vascular Surgeons**

Escalate, stabilize and recover native organs with minimally invasive surgical techniques

## **For Nurses**

Use calculators, watch quick skills videos and learn patient management best practices

## **For Fellows**

Advance your knowledge and develop skills to treat complex PCI patients

Abiomed Europe GmbH  
Neuenhofer Weg 3  
52074 Aachen, Germany

Telephone: +49 (0) 241 8860-0  
Fax: +49 (0) 241 8860-111  
Email: europe@abiomed.com

At the time of going to press, this brochure contains references to products that may only be used within the scope of clinical trials.

© 2021 ABIOMED. All rights reserved.

Name Nachname

Senior Clinical Consultant EMEA

Heart Team

Abiomed Europe GmbH  
52074 Aachen, Germany

Phone +49 241 8860-0  
Mobile +49 160 0000 00 00  
Fax +49 241 8860-444  
Mail @abiomed.com

Recovering hearts. Saving lives.

**ABIOMED®**