Cook Off-The-Shelf Solutions For Thoracic And Thoracoabdominal Aneurysm

Introduction

Tilo Kölbel
German Aortic Center Hamburg
University Heart Center
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Consultant: Cook Medical, Philips, Getinge, Terumo Aortic, Arterica, Medyria
Research-grants: Cook Medical, Philips, Terumo Aortic, Medtronic
Travel-grants: Cook Medical, Getinge proctoring speaking-fees,
Speaking fees: Cook Medical, Philips, Getinge
Shares: Mokita-Medical, Arterica, Medyria, Siemens, Philips
IP: Cook Medical, Terumo Aortic, Mokita Medical
Royalties: Cook Medical, Terumo Aortic
Aortic Interventions
Cook Zenith® System of Devices

- Branch ZTEG
- ZSLE
- ZISL
- Ascend (Type A)
- p-Branch
- Fenestrated
- t-Branch
- ZFEN-D, UNIBODY
- Iliac Branch (ZBIS/ZHIS)
- Left common carotid artery
- Left subclavian artery
- Descending aorta
- Transcatheter aorta
- Ascending aorta
- Innominate artery
- Common iliac artery
- Diaphragm

Cook Zenith® System of Devices
Cook Zenith® System of Devices

Flex AAA
Alpha Abdominal

ZSLE
ZISL

alpha Branch
beta Branch
Iliac Branch

Ascend (Type A)
ZTEG
Alpha Thoracic
ZDEG
TXD

Off-The-Shelf / CE-marked
Why Do We Need Off-The Shelf?
Why Do We Need Off-The Shelf?
What We Have „Off-The-Shelf“?

* Availability
* Suitability
* Liability
Zenith® Alpha Thoracic: Off the Shelf Low-Profile Thoracic Endograft
Zenith® T-Branch:
Off the Shelf Thoracoabdominal Endograft
TAAA Off-The-Shelf
TAAA Off-The-Shelf
Me Too
Device Manufacturer’s

Where the magic happens

Comfort Zone
Custom Made Solution
<table>
<thead>
<tr>
<th>Year</th>
<th>Event Description</th>
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<tr>
<td>2017</td>
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<td>2018</td>
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<tr>
<td>2019</td>
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<tr>
<td>2020</td>
<td>May 2020&lt;br&gt;MDR date of application</td>
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<td>May 2022&lt;br&gt;EC certificates of conformity issued before May 27, 2017 expire.</td>
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<td>2024</td>
<td>May 2024&lt;br&gt;Required for all EC certificates issued 5 years from the issue/renewal date or 4 years from the MDR date of application (May 27, 2020), whichever comes first.</td>
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<td>2025</td>
<td>May 2025&lt;br&gt;Devices certified under the MDD can no longer be sold or distributed.</td>
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What We Need „Off-The-Shelf“?

- (Fenestrated pararenal stent-graft)
- Branched arch stent-graft
- Ascending stent-graft
- Dissection specific stent-graft
- False lumen occlusion plug
# Welcome to Hamburg!

**AORTIC LIVE 6**

26–27 October 2020

Curio-Haus, Hamburg, Germany

6th Aortic Live Symposium

Dept. of Vascular Medicine

University Heart & Vascular Center Hamburg

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**Main topics**

- Endovascular, hybrid, and open aortic surgery:
  - Aortic valve reconstruction
  - Ascending aorta
  - Aortic arch
  - Thoracoabdominal aorta
  - Aortoiliac disease

<table>
<thead>
<tr>
<th>Course directors</th>
<th>Co directors</th>
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</thead>
<tbody>
<tr>
<td>Tilo Kölbel</td>
<td>Joseph Bavaria</td>
</tr>
<tr>
<td>Hamburg, Germany</td>
<td>Philadelphia, United States</td>
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<tr>
<td>Konstantinos Tsagakis</td>
<td>Michael Borger</td>
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<td>Essen, Germany</td>
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<td>Sebastian Debus</td>
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<td>Heinz Jakob</td>
<td>Hamburg, Germany</td>
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<td>Christian Detter</td>
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<td>Arjang Ruhrwar</td>
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<td>Stéphane Hallon</td>
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<td>Heinz Jakob</td>
<td>Paris, France</td>
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<td>Gustavo Oderich</td>
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<tr>
<td>Heinz Jakob</td>
<td>Rochester, United States</td>
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Get a taste of what awaits you: [www.aortic-live.com](http://www.aortic-live.com)

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Congress organisation

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