CIRSE 2017 | Copenhagen, Denmark



Crosstella® OTW

Crosstella OTW is a 0.018" Percutaneous Transluminal Angioplasty (PTA) balloon dilatation catheter for peripheral indications.

With the launch of Crosstella OTW, Terumo brings now to you a full range of PTA balloon dilatation portfolio.

Crosstella

PTA Balloon Dilatation Catheter

¹ Data on file. Terumo Corporation

• Small balloon profile provides a successful crossability of the lesion1

• Dedicated shaft balance offering an impressive pushability and trackability¹

 Wide size mix with diameters 2.0 – 6.0 mm and lengths 20 – 200 mm, allowing optimal choice of balloon for your lower limb procedures

CROSSTELLA OTW 18 Product Information V



Terumo

seal the arteriotomy:

FemoSeal™, Now by Terumo.

Terumo offers intervention in all dimensions: from access to closure. The FemoSeal™ vascular closure device uses three bioabsorbable components to actively

Two bioabsorbable polymer discs:

 An inner disc deployed intra-arterially An outer locking disc deployed on the outer wall of the artery

Hemostasis is achieved by sealing the arteriotomy between the two discs, which are held together by bioabsorbable sutures complete with friction lock

Characteristics

Fast, effective, easy to use Instant hemostasis with an easy to use deployment system

Fully bioabsorbable

• All components of FemoSeal vascular closure device are fully bioabsorbable: two polymer discs held together by a suture

Rapid hemostasis and early ambulation

 Designed to achieve effective and instant hemostasis. Sealing femoral artery punctures following catheterization procedures promotes rapid ambulation with low vascular complication rates.1

• The median Time To Hemostasis (TTH) is 1 minute.²

1 SCAAR Registry 2009. 2 Schulz-Schupke S., et al. Comparison of Vascular Closure Devices vs Manual Compression After Femoral Artery Puncture The ISAR-CLOSURE Randomized Clinical Trial. JAMA. 2014;312(19):1981-7.





QuiremSpheres[®]

QuiremSpheres® microspheres are the

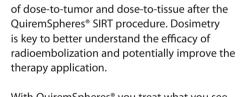
next generation microspheres for SIRT treatment of advanced unresectable liver tumors. QuiremSpheres® is the first and only commercially available SIRT solution based on the isotope holmium-166.

The mode of action of QuiremSpheres® is the same as for yttrium-based microspheres: beta radiation kills tumor cells from close range. However, QuiremSpheres® have the unique ability to be visualized with SPECT and MR imaging in low concentrations. O-suite™ is a CE-marked proprietary software tool to convert quantitative SPECT and MR image datasets of QuiremSpheres® microspheres into 3D dose distributions. The 3D dose distributions may be QuiremSpheres® and Q-Suite™ are not approved

of dose-to-tumor and dose-to-tissue after the QuiremSpheres® SIRT procedure. Dosimetry is key to better understand the efficacy of therapy application.

and see what you treat.

for sale in all countries. This information is provided only in respect to markets where both products are approved or cleared. QuiremSpheres® and Q-Suite™ are not FDA



With QuiremSpheres® you treat what you see

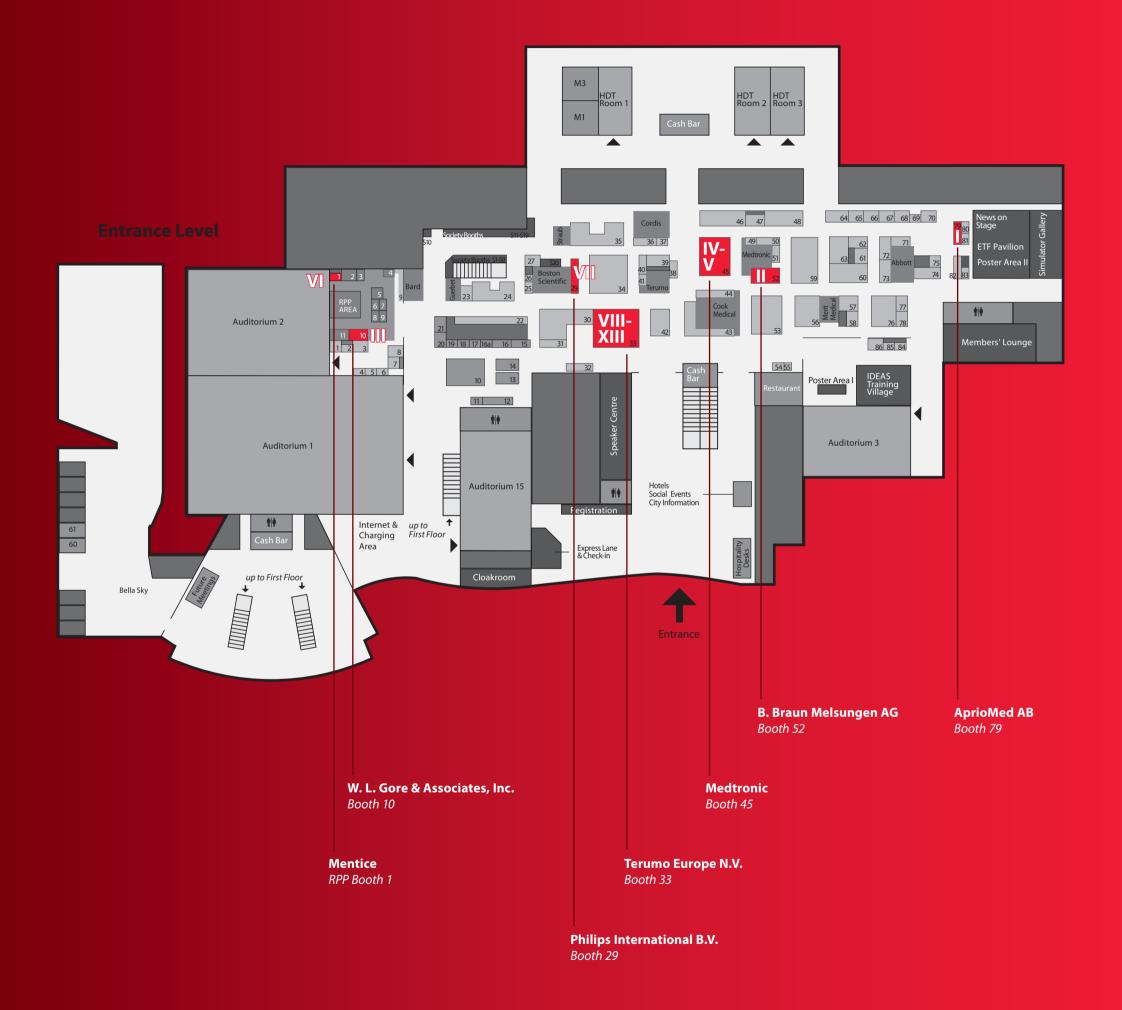
QuiremSpheres® and Q-suite™ have CE-mark. QuiremSpheres® and Q-Suite™ are not available cleared in the US for sale.

Special Edition / CIRSE 2017 – Copenhagen



Floor Plan

Discover more about these exciting new products: visit the company booths in the Exhibition Hall!



New Product Launches CIRSE 2017

The CIRSE Annual Meeting has become the number one platform for minimally invasive image-guided procedures worldwide. Every year, key players in the field choose CIRSE to launch their innovative new products.

To find out more about the products being officially launched during CIRSE 2017, please visit the company booths in the **Exhibition Hall. You will find a detailed floor** plan overleaf! A full list of exhibitors and a floor plan can be found in your pocket guide, as well as via the CIRSE app.

Please note that the information has been provided by the corporate partners and does not reflect the opinion of CIRSE nor does it engage our responsibility.

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B. Braun Melsungen AG

VascuFlex® Multi-LOC: Spot Stenting to undress the full metal jacket!



Gangi-SoftGuard® coaxial biopsy needle

biopsy needle.

Gangi-SoftGuard® combines the well-known technique of a coaxial biopsy needle with an all new spring loaded blunt tip stylet providing extra control and safety during soft tissue

The spring loaded blunt tip stylet:

- Reduces risk of inadvertent perforation of adjacent tissue during coaxial needle
- advancement
- · Provides visual feedback during procedure • Offers tactile response during procedure
- Enables penetration without exchange of stylets

AprioMed introduces Gangi-SoftGuard® coaxial Gangi-SoftGuard® is available in four gauges (12G, 13G, 15G, 17G) and three lengths (7.1 cm, 12.1 cm, 17.1 cm) to better suite the requirements for your biopsy procedure.

We look forward to meeting you at Booth 79.

1. Based on benchtop data on file. Less than 0.25 mm increase in

diameter (diameter expansion) demonstrated by a simulate

3. Based on GORE® VIATORR® TIPS Endoprosthesis: Bureau C,

Pagan JCG, Layrargues GP, et al. Patency of stents covered

transjugular intrahepatic portosystemic shunts: long term

esults of a randomized multicentre study. Liver International

10 year period at physiologic portal pressures.

2. Labeled diameter range is between 8-10 mm.

2007;27(6):742-747.

It is indicated for flow-limiting dissections or flaps and segments with elastic recoil due to calcification or scar tissue after previous interventions. VascuFlex® Multi-LOC reduces the mass of foreign body implants and the associated trauma due to chronic outward force by ongoing radial expansion. It reduces also the negative influence of metal implants on high-movement arterial segments, addressing the biggest demand of the interventional community: to leave nothing or as little as possible behind!

Spot stenting with VascuFlex® Multi-LOC

enables the operator to use up to six individual

VascuFlex® Multi-LOC is available with six individual stents on one delivery system. Each

Nitinol stent has a closed cell design, a length of 13 mm and a tantalum marker at stents on one delivery system to treat complex the proximal end of each stent. The system is and long lesions in the femoropopliteal region. available with diameters starting from 5mm to 8mm. Operators are able to cover very long SFA lesions with less material instead of covering the whole segment with a full metal jacket.

> The preliminary data of the LOCOMOTIVE All Comers Study with the first 75 patients (aged 72.9 \pm ; 51.1% TASC class C/D, 14.5 \pm 9 cm mean lesion length) showed promising results. After six months, the TLR rate was 5.3% with a primary patency of 90%.1

> Additional studies investigating the combination of DCB angioplasty with optional spot stenting utilizing the SeQuent® Please OTW DCB and VascuFlex® Multi-LOC are in

¹Amendt K oral presentation at CX 2017





GORE

The Next Evolution for TIPS **GORE® VIATORR® TIPS Endoprosthesis with Controlled Expansion Control DIAMETER, Target PRESSURE**

- Lasting Diameter Control
- Control the diameter to reach a targeted portal pressure gradient. Size and set the diameter to stay.¹

Performance

- Single Device - Select from a range of diameters² during implantation
- Count on advanced performance that
- diameter control.

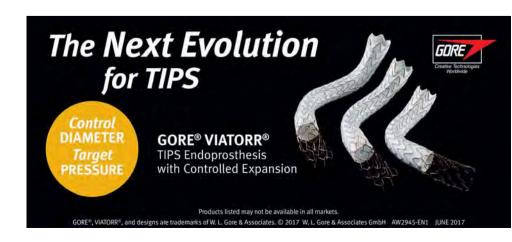
Products listed may not be available in all markets combines a legacy of proven patency³ with GORE®, PERFORMANCE BY DESIGN, VIATORR®, and designs are © 2017 W. L. Gore & Associates, Inc. AW2944-EN1 JUNE 2017

Gangi-SoftGuard

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goremedical.com



IV

Concerto™ 3D Detachable Coil System

Your trusted coil comes with a new shape

The Concerto™ family of embolization coils is now expanded with a new conformable 3D shape that is designed to create a complex frame for filling target vessels.

Precision and control

UC201802482EE

Concerto[™] 3D coil is equipped with a mechanical detachment system that offers a greater range of motion between pusher and coil. This system provides reliable delivery and detachment and allows the coil to be fully resheathed and easily repositioned.

All Concerto™ 3D coils feature PGLA fibers that studies have shown to reduce flow rates by >30% compared to bare metal equivalents² and this has shown to improve overall thrombogenic response¹.

Visit the Medtronic Learning Centre to learn more about Concerto™ 3D coil and the MVP™ micro vascular plug and experience them

hands on with our flow model. to facilitate accurate placement.

UC201802483EE

MVPTM

Micro Vascular

ROM 1.5 TO 9MM

Plug System

Concerto™ D Detachable Coil System

Girdhar G, Read M, Sohn J, Shah C, Shrivastava S. In-vitro thrombogenicity assessment of polymer filament modified and native platinum

embolic coils. Journal of the Neurological Sciences. 2014;339(1-2):97-101. doi:10.1016/j.jns.2014.01.030.



A unique design

The MVP™ micro vascular plug system is designed to occlude vessels in the peripheral vasculature quickly and predictably.

It is a self-expanding vessel occlusion device comprised of a nitinol frame, secured at both ends with platinum marker bands and partially covered with a PTFE membrane.

All MVP™ plug devices are fully re-sheathable

Now available in four sizes

MVP™ plug now comes in four sizes, the latest addition being the MVP[™] 9 plug which allows to occlude vessels of up to 9 mm in diameter.

On the other end of the spectrum, the smaller versions of MVP™ plug can be delivered by a microcatheter, which enables super selective treatment of distal vessels down to only 1.5 mm in diameter.

Visit the Medtronic Learning Centre to learn more about the MVP™ plug and our new Concerto[™] 3D coil, and experience them hands on with our flow model.

VI

Mentice

IMPACT THE FUTURE OF IR

Radically change the way you train for advanced embolization procedures through simulation-based training.

At CIRSE 2017, Mentice is showcasing ground-breaking training solutions for Transarterial Chemoembolization (TACE) and Prostatic Artery Embolization (PAE) – with the aim of reducing the learning curve, leading to the faster adoption of these procedures.

Transarterial Chemoembolization

CIRSE 2017

Train different techniques and treatment strategies for complex liver embolization in one

- training solution. • Treatment strategies: TAE, cTACE, B-TACE,
- DEB-TACE, Y-90 • Challenging scenarios including management
- of venous shunts
- Detailed guidance during cases
- colorectal metastasis

Prostatic Artery Embolization

Experience the world's first prostate embolization simulation training software – developed in collaboration with Dr. Sapoval and Dr. Bhatia.

- Understand the angiographic anatomy of the
- internal iliac artery Identify the prostatic artery
- Catheterization of the prostatic artery
- Understanding the blood supply of HCC and
 Avoid non-target embolization

Find us in the Radiation Protection Pavilion. www.mentice.com





VII

With Azurion, performance and superior care become one.

Philips Azurion is the new-generation image

guided therapy platform that allows you to

easily and confidently perform procedures

with a unique user experience, helping you

optimize your lab performance and provide

superior care. Azurion has been developed

over a number of years in close collaboration

solutions that meet the continuing demands of

with our clinical partners to ensure workflow

We support you in delivering outstanding

patient care by uniting clinical excellence

with workflow innovation. Azurion has been

designed to help you make efficient use of your

• Instant Parallel Working: interventional team

workspots without interrupting each other.

This can lead to higher throughput and faster

members can work in parallel at flexible

the interventional lab.

time with:

exam turnover

Flexible workspots allow you to access and

control multimodality information from any

• ProcedureCards: with one click you can select

exam presets to accelerate and standardize

The highly intuitive usability of Azurion

supports you in quickly and confidently

new future proof platform you can deliver

performing a range of procedures. With this

outstanding care and grow your service line

Experience Azurion at Philips booth #29

13:00-14:00 hours, to learn more about Azurion and other

www.philips.com/azurion

innovations in interventional radiology.

workspot, which helps improve efficiency

and reduce delays

preparation

over time.

Angio-Seal™, Now by Terumo.

VIII

Terumo

Terumo offers intervention in all dimensions: from access to closure.

The Angio-Seal™ vascular closure device uses three bioabsorbable components to actively Angio-Seal™ VIP and Angio-Seal™ Evolution. seal the arteriotomy.

The bioabsorbable anchor, suture and collagen provide dual security.1-3

together, providing a secure seal

- The anchor fits closely against the arterial wall, leaving blood flow undisturbed with no residual stenosis⁴
- The collagen sponge is designed to conform device. JACC. 1995;25(7):1685-92. to the arteriotomy for confident closure The suture tethers the anchor and collagen

The active closure anchor gives you the inside advantage for successful hemostasis.1-3

The Angio-Seal™ portfolio includes three different platforms: Angio-Seal™ STSPlus,

- Applegate RJ, et al. The Angio-Seal Evolution Registry: outcomes of a novel automated Angio-Seal vascular closure device.
 J Invasive Cardiol. 2010;22(9):420-6.
- Kussmaul WG, et al. Rapid arterial hemostasis and decreased angioplasty: Results of a randomized trial of a novel hemostation
- Angio-Seal Instructions for Use. Tellez A, et al. In vivo intravascular ultrasound analysis of the porcine femoral artery. EuroInterv. 2010;5(6):731-6.



IX

Terumo

AZUR® CX 2mm/3mm

AZUR® CX 2mm/3mm Peripheral Coil System introduces a new and unique concept: the first and only peripheral HydroCoil with crosssectional coverage and the benefits of patented hydrogel technology, allowing easy control in small vessels.

By matching the Progreat 2.0 with AZUR CX 2mm/3mm, the Terumo peripheral coiling solution offers interventional radiologists the precision of neuroradiology procedures in peripheral small vessels.



Crosperio® RX

dilatation portfolio

- CRSE

Crosperio RX is a 0.014" Percutaneous Transluminal Angioplasty (PTA) balloon dilatation catheter for peripheral indications.

With the launch of Crosperio RX, Terumo

brings now to you a full range of PTA balloon

 Very small balloon profile¹ and hydrophilic coating facilitates successful lesion access and crossing for below-the-knee and below-the-

Stiff core wire provides better pushability¹ to

reach and cross very distal target lesions

Tested against selected RX competitors. Data on file. Terumo Corporation-CROSPERIORX Product Information.

ankle interventions





