

Embolization: particulate agents

Coordinators:

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Participating corporate partners:

Boston Scientific

Merit Medical

Sirtex Medical

Terumo

Varian

There are a variety of different similar products for this procedure beyond the ones demonstrated in this session.



DC Bead & DC Bead LUMI



Compatibility & Drug Elution Profile

- BSC mCath Family Compatibility**
 - ✓ *Size Distribution Consistency - No aggregation in cath*
 - ✓ *Compressibility and Re-gain shape*
- Drug Elution Profile**
 - ✓ *Both DC Bead™ and DC Bead LUMI™ demonstrate controlled and prolonged release profiles*
- Radiopacity of LUMI™**
 - ✓ *Persistent visibility of LUMI at 6 week follow-up*
 - ✓ *Marking to guide future interventions*

Precise, Proven, and Personalized



PROVEN

TheraSphere is the only SIRT backed by level-1 evidence in both HCC and CLM.¹⁻² It has demonstrated success in a range of scenarios: Curative intent or palliative treatment, livers with single or multifocal tumours, portal vein thrombosis (PVT).¹⁻⁸

PERSONALISED

A truly personalised therapy option for patients with options to select the activity you need to achieve your intended dose and treatment outcome.

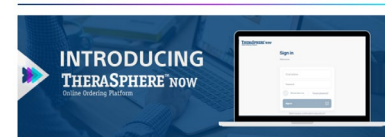
PRECISE

Precise formulation enables highly concentrated radioactivity per microsphere to deliver a maximal prescribed dose every time.

SimplicityY & TheraSphere Now



EASY-TO-USE SOFTWARE DESIGNED TO ACCELERATE THERASPHERE DOSIMETRY PLANNING AND IMPROVE Y-90 WORKFLOWS



Web-based ordering to facilitate easier TheraSphere treatment ordering, tracking, and management

Embolics - Merit portfolio

Embosphere®

Microspheres



Class 2B, Trisacryl , 7 sizes

- Over 250 clinical articles
- Predictable
- Fast and stable endpoint
- Inert, low inflammatory profile
- **Most published spherical embolic in UFE & PAE**

HepaSphere™

Drug Eluting Microspheres



Class 3A, copolymer

- Indicated for use with Doxo & Irinotecan in TACE
- 1 vial / procedure
- Conformable optimal Embo & Drug delivery
- **High Objective Tumour Response**
- Reduced pain & complications
- Over 50 publications
- 15 days stability (loaded)

EmboCube™

Embolisation Gelatin



- First gelatin foam **indicated for intra-arterial use**
- Can be delivered through catheters and microcatheters
- Slurry/Cube injection: The choice is yours!

Bearing nsPVA®

Embolization Particles



- Particles made of polyvinyl alcohol intended for the embolization of peripheral hyper vascularized tumors, including uterine fibroids and peripheral AVMs.
- Bearing nsPVA is a long-term implantable device used to **permanently** occlude blood vessels

TERUMO PARTICULATE AGENTS PORTFOLIO



LifePearl

Drug-Elutable Beads for embolisation

- ◆ Loadable with 4 chemotherapeutic drugs Doxorubicin, Idarubicin, Epirubicin and Irinotecan
- ◆ Veloso et al published new standard in DEM-TACE overall survival with a 580 unresectable HCC patients cohort analysis with a median overall survival of 50.8 months¹.



BioPearl™

- ◆ First resorbable drug-eluting microspheres
- ◆ Progressive blood flow restoration²
- ◆ Sustained chemotherapeutic drug release (in-vitro)³
- ◆ Embolic effect²

QuiremSpheres™

Holmium-166 Microspheres

QuiremScout™

Holmium-166 Microspheres

Q-Suite™

Imaging Software

- ◆ The Holmium Platform: Three integrated products delivering individualized SIRT at its' full potential
 - ◆ QuiremScout® is the first and only CE-marked SIRT work-up product that utilizes the same technology as the therapeutic microspheres which aims to optimize patient selection and advance treatment planning
 - ◆ QuiremSpheres® Holmium-166 SIRT microspheres for the treatment of liver cancer



1. Veloso Gomes P et al Cardiovasc Intervent Radiol 2023 46, 436–446

2. Data on file: TR18-174B – BioPearl Liver studies

3. BioPearl IFU: IFU100073 Rev. B 2020-03