



RADIOEMBOLIZATION. **REDEFINED.**

*Treat what you see,
see what you treat.*

QuiremSpheres® is the first and only commercially available radioembolization microsphere product based on the isotope holmium-166. Holmium-166 decays under emission of beta as well as gamma radiation. The gamma photons enable visualization of a broad range of QuiremSpheres® concentrations with SPECT. Additionally, holmium can be visualized with MRI. Acquired SPECT and MR images may be used for dosimetric treatment verification during and after the radioembolization procedure.

Product characteristics

| | |
|--------------------------|--|
| Isotope | Holmium-166 |
| Radiation | β: 1.77 MeV (48.7%) β: 1.86 MeV (50.0%) γ: 81 keV (6.7%) |
| Half-life | 26.8 hours |
| Material | Poly(L-lactic acid) |
| Diameter | 30 (15-60) μm |
| Number of spheres | 33 x 10 ⁶ |
| Density | 1.4 g/cm ³ |



Unique

The first and only commercial radioembolization solution based on holmium-166.



Proven

QuiremSpheres® is based on more than 15 years of technological advancement and clinical research.



Imageable

QuiremSpheres® can be quantitatively imaged with SPECT and MRI.

Visit www.quiremspheres.com
or contact your local Terumo representative for more information.

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Q-Suite™

Q-Suite™ is a proprietary software tool to convert quantitative SPECT and MR image datasets of QuiremSpheres® into 3D dose distributions. The 3D dose distributions may be used for image-based dosimetric verification of dose-to-tumor and dose-to-tissue after the QuiremSpheres® radioembolization procedure.

Product features

| | |
|-----------------------------|--|
| Operating systems | Windows 10 Windows 7 |
| Image modalities: | SPECT MRI (MGE) |
| File formats: | DICOM Images DICOM RTSTRUCT DICOM RTDOSE |
| Supported RE product | QuiremSpheres® |



Efficient

A clean interface, 'one-click to calculate' approach and short calculation times.



Connected

Q-Suite™ seamlessly interfaces with planning software in your clinic through the DICOM RT standard.



Evolving

Continuous expansion of functionality to become the leading treatment planning platform for ¹⁶⁶Ho RE.