



Surefire Precision Infusion Systems

Better therapy acceptance through interstitial pressure for better objective response.

[Discover Precision](#)

A new standard of excellence for Interventional Radiology.

Surefire's infusion systems are designed to precisely deliver embolic agents through a unique microcatheter with an expandable tip that collapses in forward flow and dynamically expands to the vessel wall in reverse flow in order to increase targeted delivery, minimize reflux and reduce damage to healthy tissue.



Case Study

Surefire increases tumor uptake; decreases nontarget embolization

Clinical trial comparing the Surefire Infusion System to an end hole catheter finds Surefire increases tumor uptake and decreases non-target embolization in every patient...



Clinical Study

High dose radiation lobectomy of primary liver cancer with 2 year follow up

August 2015 - Ryan Majoris, MD, Our Lady of the Lakes (Baton Rouge, LA, Radioembolization



Announcement News

Surefire Medical Inc. closes \$15M Series C led by Tullis Health Investors

The round will be used for a global launch of the new Surefire Precision, a device specifically designed to meet the clinical need for targeted delivery systems in the treatment of primary...



Surefire Guiding Catheters

Surefire's Guiding Catheters are designed with double-stranded steel braid, an ultra-soft tip and multiple segments.

[Learn More](#)



Surefire Infusion System MT/LT

Available in two different sizes, the Surefire Infusion System delivers the dose and increases efficiency through a more targeted delivery.

[Learn More](#)



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Trackability
Navigate to the tumor in tortuous, complex anatomy with ultra-thin, pliable, and segmented construction.

Hydrophilic Coating
Lubricious coating complements the ultra-thin design to reduce friction and support excellent tracking performance.

Improved Uptake
The Surefire Precision Infusion System achieves a 68% increase in tumor uptake compared to a standard endhole catheter.¹
The combined efficiency of the expandable tip and optimized pressure environment creates a new therapy dynamic.

Unparalleled Protection
The System is clinically proven to reduce particles to healthy tissue by 58%.²

1,2 A. Pasciak, et al. "The Impact of an Antireflux Catheter on Target Volume Particle Distribution in Liver-Directed Embolotherapy: A Pilot Study", J Vasc Interv Radiol 2015;26:660-669.

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Clinical Study

Surefire increases tumor uptake; decreases nontarget embolization

The impact of anti-reflux catheter on downstream particulate distribution in liver directed by embolo therapy: An in-vivo analysis.

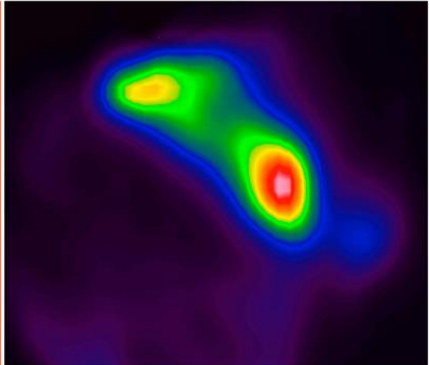


Figure 2A
A number of devices and techniques have been devised to minimize non-target embolization (NTE)

Purpose:
A number of devices and techniques have been devised to minimize non-target embolization (NTE) during liver directed yttrium-90 (90Y) therapy with resin microspheres. Anti-reflux catheters are one such example that have been recently shown to alter infused microsphere distribution in a preclinical renal model. We present the first in-vivo direct comparison of microparticle distribution using standard end-hole and anti-reflux catheters employing a novel dual infusion of 99mTc -microaggregated albumin (MAA).


Materials:
This study was conducted with informed consent and IRB approval. Two same day sequential lobar infusions of 99mTc-MAA, 100MBq and 600MBq respectively, were administered using a transfemoral approach. With near-identical techniques and catheter positions, a Surefire antireflux catheter was used first for the first 5 patients followed by an end-hole catheter. The sequence was reversed for the next 2 patients for a total of 7 patients. Differences in 99mTcMAA distributions within tumor and non-target sites were evaluated via SPECT imaging on a qualitative and semi-quantitative basis using paired t-tests.

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Fellow's Program

We've launched the Fellow's Case Study Program, created to support the future of Interventional Radiology and highlight relevant Surefire clinical experiences.

Program Overview

Surefire Medical understands the future of Interventional Radiology is with fellowship programs in educational institutions across the nation. Surefire Medical is pleased to announce the "Outstanding Case Study" Award Program for IR fellows and 4th year radiology residents. One winner will be selected per quarter as listed below. The winners will be invited to present their case report in front of their peers at the 2017 Surefire Medical "Life After Fellowship" program which will be held near the location of the 2017 SIR. An honorarium of \$1000 will be awarded to the four presenters (honorarium shared by dual authors).

Apply Now [Download The Fellows Case Study Template Here](#)

Full Name

Email Address

Subject