



## StarBurst\* SDE

RFA ELECTRODES

### BENEFITS

- Straight needle with side-deployed arrays
- Small needle gauge and sharper trocar tip for easier access into the lesion site
- Smaller spherical ablations (2 cm)
- Dynamic, real-time temperature readouts
- Multi-point temperature feedback
- Patented side-deployment array design†

### SPECIFICATIONS

- Three arrays plus active trocar tip
- Three thermocouples



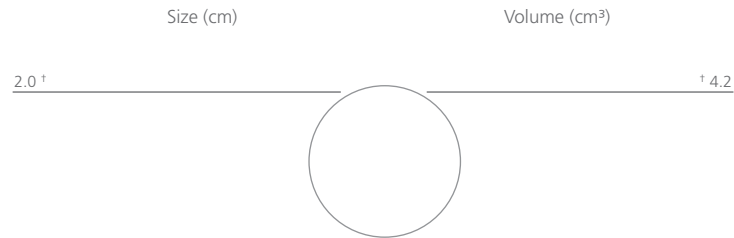
# StarBurst SDE

RFA ELECTRODES



## SDE Scalable Spherical Ablations (2 cm)

Diagram drawn to scale



† The Cannula tip should be 1.5 cm from the center of the ablation  
 †† The Cannula tip should be 1.0 cm from the center of the ablation

Product Name	Length	Part #	Outer Diameter (O.D.)
StarBurst SDE Electrode	12 cm	700-102486	17 gauge/4.5 French
StarBurst SDE Electrode w/ attached cable	12 cm	700-103908	17 gauge/4.5 French

## Pre-attached Main Cable



Main cable is pre-attached for improved ease of use.

## Model 1500X RF Generator

The Model 1500X RF Generator is designed specifically for use with RITA® electro-surgical devices. It is the latest radiofrequency generation system that features technological advances including software upgrade capabilities, potential for 250 watts of power, and three flexible serial ports.



### IMPORTANT RISK INFORMATION

**INDICATION FOR USE:** The StarBurst SDE Electro-surgical Device is a tool to transmit monopolar radiofrequency energy (provided by the RITA 1500 or 1500X RF Generator) and is indicated for use in percutaneous, laparoscopic, or intraoperative coagulation and ablation of soft tissue including the partial or complete ablation of non-resectable liver lesions and palliation of pain associated with metastatic lesions involving bone in patients who have failed or are not candidates for standard pain therapy.

**WARNINGS AND PRECAUTIONS:** For single use only. Do not bend or kink the trocar or the needles; do not attach anything (i.e., clamps, etc.) to the Device, or use metal introducers that do not have insulation; inadvertent patient injury may result. To ensure safe

and effective use follow the manufacturer's directions and recommended practices for the preparation, placement, surveillance, removal and use of the dispersive electrode. To achieve the desired ablation follow the manufacturer's guidelines of ablation time and temperature. Ensure that the device is placed at least 1 cm away from structures not intended for ablation. In laparoscopic procedures, care must be taken to avoid a gas embolism, and activation of the device when not in contact with target tissue may cause capacitive coupling. In some cases, a liver lesion will only be partially destroyed; the final determination of the success of lesion destruction can only be made by imaging studies following the procedure and during regular long-term follow-up. For ablation of painful

bone metastases, do not perform RF ablation in weight-bearing bone with evidence of impending fracture. Pathologic fracture is more prevalent and serious in long bone. Please see package insert for complete list of warnings and precautions.

Refer to individual product IFUs and/or User Manual to see full Warnings, Precautions, Possible Adverse Effects and Contraindications. Observe all instructions prior to use. Failure to do so may result in patient complications.

**CAUTION:** Federal (USA) law restricts this device to sale by or on the order of a physician.



USA > 14 Plaza Drive, Latham, NY 12110 > tel: 800-772-6446 or 518-798-1215 > fax: 518-798-1360  
 International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands  
 tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

[www.angiodynamics.com](http://www.angiodynamics.com)

\*AngioDynamics, the AngioDynamics logo, StarBurst and RITA are trademarks and/or registered trademarks of AngioDynamics, Inc., an affiliate or a subsidiary.

† Covered by one or more of the following US patents: 5472441, 5486161, 5536267, 5672173, 5672174, 5683384, 5728143, 5782827, 5863290, 5913855, 5928229, 5935123, 5980517, 6071280, EP 0 777 445 B1, and Japanese patent 3009735. Other patents pending.

© 2013 AngioDynamics, Inc. MLC 389 US Rev A