INDICATIONS FOR USE: The IntellaTip MiFi™ OI Catheter is indicated for use with the BSC Maestro 3000™ Cardiac Ablation System and Accessories for the treatment of sustained or recurrent supraventricular tachycardia (SVT) and atrial fibrillation (AF) in patients 18 years or older. The BSC Catheter Controller and Accessories are indicated to use in conjunction with standard high-frequency catheter ablation procedures.

CONTRAINDICATIONS: Do not use if the information on the catheter or other accessory has been altered, if the plastic over the catheter is cracked, if the catheter is not sterile, or if the catheter has been subjected to freezing temperatures. Do not use the IntellaTip MiFi™ Catheter in patients with active systemic infection. Do not use the IntellaTip MiFi™ Catheter in patients with known femoral thrombus who require catheter insertion from the femoral approach. Do not use in patients who have vena cava embolic protection filter devices or known femoral thrombus who require catheter insertion from the femoral approach. Do not use in patients with a mechanical prosthetic heart valve through which the catheter must pass. Do not use in patients with active systemic infection. Do not use in patients with known femoral thrombus who require catheter insertion from the femoral approach.

WARNINGS: RF energy may lead to inadvertent induction of arrhythmias. These arrhythmias may require defibrillation that could also result in skin burns. Warnings for patients with implantable pacemakers and implantable cardioverter-defibrillators (ICDs): Temporary defibrillator thresholds and defibrillation waveforms may be necessary during RF ablation. Temporary defibrillator thresholds and defibrillation waveforms may be necessary for patients with a mechanical prosthetic heart valve. Patients undergoing a long irrigated ablation procedure have the potential for greater anticoagulation and therefore Activated Coagulation Time (ACT) should be closely monitored during the procedure. Patients undergoing a long irrigated ablation procedure have the potential for greater anticoagulation and therefore Activated Coagulation Time (ACT) should be closely monitored during the procedure. Patients undergoing a long irrigated ablation procedure have the potential for greater anticoagulation and therefore Activated Coagulation Time (ACT) should be closely monitored during the procedure.

ADVERSE EVENTS: Catheter entrapment within the heart or blood vessels is a possible complication of cardiac ablation procedures. The potential for catheter entrapment may be increased when the catheter is positioned in the chordae tendineae. The occurrence of this complication may necessitate surgical intervention and/or repair of injured tissues. Care must be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Care must be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Care must be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Care must be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate.

OTHER INFORMATION: In the presence of anticoagulation, there may be an increased risk of bleeding from all cause. These patients should be monitored closely for signs and symptoms of bleeding. In the presence of anticoagulation, there may be an increased risk of bleeding from all cause. These patients should be monitored closely for signs and symptoms of bleeding.

RESULTS FROM CASE STUDIES: Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.

CONSIDERATIONS: Contraindicated in patients with active systemic infection or suspected structural heart disease. In patients with atrial fibrillation, the catheter should be used with caution in the presence of atrial appendage thrombus. In patients with atrial fibrillation, the catheter should be used with caution in the presence of atrial appendage thrombus. In patients with atrial fibrillation, the catheter should be used with caution in the presence of atrial appendage thrombus. In patients with atrial fibrillation, the catheter should be used with caution in the presence of atrial appendage thrombus. In patients with atrial fibrillation, the catheter should be used with caution in the presence of atrial appendage thrombus.

CONTRAINDICATIONS: The IntellaTip MiFi™ OI Catheter contains Bis (2-ethyhexyl) phthalate (DEHP). BSC has assessed the residual patient risk associated with phthalates in this device to be minimal; however, BSC has not assessed the residual patient risk associated with phthalates which may be contained in non-BSC ancillary devices required for use in conjunction with the IntellaTip MiFi™ OI Catheter. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate.

INTELLATIP MIFI™ Temperature Regulation Warranty Statement: The IntellaTip MiFi™ OI Catheter contains a temperature regulation feature that should not be utilized in conjunction with the IntellaTip MiFi™ Catheter during RF ablation procedures. During RF ablation procedures, the temperature regulation feature should not be utilized to limit catheter tip temperature. The temperature regulation feature should not be utilized to limit catheter tip temperature. The temperature regulation feature should not be utilized to limit catheter tip temperature. The temperature regulation feature should not be utilized to limit catheter tip temperature. The temperature regulation feature should not be utilized to limit catheter tip temperature.

INTELLATIP MIFI™ OPEN-IRRIGATED Catheter: Re-useable cables and accessories. Do not rotate the handle and catheter shaft more than one and one-half times the full rotation (540 degrees). If the desired catheter tip position is not achieved, adjust the catheter's curve. The catheter should be positioned in the chordae tendineae. The occurrence of this complication may necessitate surgical intervention and/or repair of injured tissues. Care must be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate.

INDICATIONS FOR USE: The IntellaTip MiFi™ OI Catheter is intended for use in patients with atrial fibrillation. The IntellaTip MiFi™ OI Catheter is intended for use in patients with atrial fibrillation. The IntellaTip MiFi™ OI Catheter is intended for use in patients with atrial fibrillation. The IntellaTip MiFi™ OI Catheter is intended for use in patients with atrial fibrillation. The IntellaTip MiFi™ OI Catheter is intended for use in patients with atrial fibrillation.

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WARNING: The IntellaTip MiFi™ OI Catheter is intended for use with a compatible Radiofrequency Controller and Irrigation Pump. The catheter should be positioned in the chordae tendineae. The occurrence of this complication may necessitate surgical intervention and/or repair of injured tissues. Care must be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate. Precautions should be taken to ensure that any equipment used in conjunction with the catheter is appropriate for the device and that the catheter is used at the lowest possible flow rate.
Localize precisely and accurately with the highest-resolution ablation catheter on the market.

TRUE TIP LOCATION can help guide you to the ideal treatment location.

1mm DIAMETER

Mini-electrodes guide effective treatment

**True Tissue Assessment**

MiFi technology provided a higher sensitivity and specificity in helping to identify atrial fibrosis and abnormal substrate.

**CONVENTIONAL ELECTRODES**

**MIFI ELECTRODES**

**Advanced Lesion Transmurality Detection**

- EGMs with mini-electrodes showed a more substantial reduction in amplitude compared to common bi-poles.¹
  - Reduction recorded with the mini-electrodes was -82.1 ± 16.2% (4.5mm) and -85.8 ± 10.7% (8mm) (P=NS between catheter but P < 0.001% between ME vs. tip-ring).²
- Mini-electrode guided ablation resulted in 91% transmural lesions for the 4.5mm and 96% transmural lesions for the 8mm catheter.
- Ablation to maximal EGM attenuation on the mini-electrodes reduced the potential of extracardiac injuries.²
- The RF application time to achieve maximal EGM attenuation with the 4.5mm ME OI catheter was 23.4 ± 7.8 seconds and with 8mm 25.9 ± 8.1 seconds (P = NS).

**Highly Localized Recording at the Center of Ablation**

- Mini-electrodes, located at the distal tip, engineered to reduce the gap between mapping and ablation
- Closely positioned mini-electrodes designed to exclude far-field signals

**Case images courtesy of Kevin Makati, MD, St. Joseph’s Hospital, Tampa, FL.**

Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.

**Study RF Generator Settings:** 4.5mm - 30W, 35 degrees, 15mL/min. 8mm - 65W, 65 degrees, temp mode
**Conventional Bi-Poles (CBPs)**
- Capture larger far-field signals
- Provide an antenna length that extends beyond site of ablation
- Cannot pace and ablate simultaneously

**Mini-Electrodes (MEs)**
- Provide more accurate recording of focal area
- Allow recording at the precise site of ablation
- Enable pace capabilities during ablation

**True Tip Location**
Can help guide you to the ideal treatment location.

**True Tissue Assessment**

**Gap Identification**
- Mini-electrode signal fidelity provided enhanced gap detection over conventional bi-poles

**True Ablation Feedback**
INTELLATIP MIFI technology demonstrates a significant amplitude reduction and signal clarity during ablation as compared to bi-polar electrograms.

**Case images courtesy of W. Jackman, MD, University of Oklahoma Health Sciences Center.**

Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.
INTELLATIP MIFI™ XP Temperature Ablation Catheter

Ordering Information

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Shaft Size</th>
<th>Tip Size</th>
<th>Curve Style</th>
<th>Cable Model Number</th>
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<tbody>
<tr>
<td>M004 PM4500 0</td>
<td>7F</td>
<td>8F/8mm</td>
<td>Standard</td>
<td>M004 620 0</td>
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<td>M004 620 0</td>
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Cables and Accessories

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<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>M004 620 0</td>
<td>INTELLATIP MIFI XP Ablation Catheter Cable (10 ft)</td>
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<tr>
<td>M004 1212 0</td>
<td>INTELLATIP MIFI Filter Module (reference cable included)</td>
</tr>
<tr>
<td>M004 3636 0</td>
<td>Reference Cable from Filter Module to Pod (32 in)</td>
</tr>
<tr>
<td>M004 653S 0</td>
<td>Cable from Filter Module or Pod to Recorder (2 required)</td>
</tr>
</tbody>
</table>

INTELLATIP MIFI™ OPEN-IRRIGATED Ablation Catheter

Ordering Information

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<tr>
<th>Model Number</th>
<th>Shaft Size</th>
<th>Tip Size</th>
<th>Curve Style</th>
<th>Cable Model Number</th>
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</thead>
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<td>7F/4.5mm</td>
<td>Standard</td>
<td>M004 627 0</td>
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<td>7F/4.5mm</td>
<td>Asymmetric</td>
<td>M004 627 0</td>
</tr>
</tbody>
</table>

INTELLATIP MIFI™ OI TECHNOLOGY

Unparalleled Clarity. Cool Performance.

MiFi Mini-Electrode Technology

• Provide more accurate recording of a focal area
• Allow recording at the precise site of ablation
• Enable pacing capabilities during ablation
• Dual internal chamber cooling
• Proximal directed exit flow cools the entire tip electrode externally
• Designed to reduce potential of char, coagulum and thrombus

Cables and Accessories

<table>
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<tbody>
<tr>
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<td>INTELLATIP MIFI Filter Module (reference cable included)</td>
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<tr>
<td>M004 3636 0</td>
<td>Reference Cable from Filter Module to Pod (32 in)</td>
</tr>
<tr>
<td>M004 653S 0</td>
<td>Cable from Filter Module or Pod to Recorder (2 required)</td>
</tr>
<tr>
<td>M004 117 0</td>
<td>METRIQ™ Irrigation Tubing Set</td>
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</tbody>
</table>

Bidirectional Curve Options

- Standard Radius Curve
- Large Radius Curve (K2)
- Asymmetric 4 Curve (N4)

Catheter configurations are illustrative representations only and may not reflect actual performance.