As part of the Indigo Aspiration System, the Indigo CAT RX Aspiration Catheters and Indigo Separator™ 4 are indicated for the removal of fresh, soft emboli and thrombi from vessels in the coronary and peripheral vasculature.

Data presented at ACC 2019:
“Initial Experience with a Mechanical Aspiration Catheter for Thrombus Removal During Percutaneous Intervention: A Multicenter Retrospective Case Series”*

<table>
<thead>
<tr>
<th>Key Results</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIMI 3 flow</td>
<td>93.2%</td>
</tr>
<tr>
<td>Median aspiration time with CAT RX</td>
<td>35 sec</td>
</tr>
<tr>
<td>Incidence of stroke</td>
<td>0%</td>
</tr>
</tbody>
</table>

**KEY RESULTS**

- **TIMI 3** 93.2% Post-CAT RX
- **CAT RX TIME** 35 sec Median aspiration time with CAT RX
- **STROKE** 0% Incidence of stroke

- **59 patients** With fresh, soft thrombi in the RCA, LAD, or Circumflex
- **76.3%** Of patients with an occlusion of TIMI 0 flow pre-procedure

**Aspiration of Thrombus from RCA**

*Dr. Suhail Dohad,
Cedars-Sinai Medical Center, CA*

- **PRE**
- **POST-CAT RX**
- **FINAL**

**Duration of Angiogram:** 15 sec

**Aspiration of Thrombus from LAD**

*Dr. Jay Mathews,
Manatee Memorial Hospital, FL*

- **PRE**
- **POST-CAT RX**
- **FINAL**

**Duration of Angiogram:** 32 sec

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Indigo® Catheter Kits

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Proximal OD (in)</th>
<th>Distal OD (in)</th>
<th>Compatibility (Penumbra or Guide)</th>
<th>Working Length (cm)</th>
<th>Wire Platform (in)</th>
<th>Compatible Penumbra Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATRXKIT</td>
<td>Indigo CAT RX + Large Lumen Aspiration Tubing</td>
<td>–</td>
<td>5.3</td>
<td>–</td>
<td>6.0 F Sheath or Guide</td>
<td>140</td>
<td>.014</td>
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<tr>
<td>CATSXTORG15SKIT</td>
<td>Indigo 8 XTORQ Tip + Dynamic Aspiration Tubing</td>
<td>8.0</td>
<td>8.0</td>
<td>8.0 F Sheath</td>
<td>115</td>
<td>.014 – .038</td>
<td>85</td>
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<tr>
<td>CATSRTORG8SKIT</td>
<td>Indigo 8 TORQ Tip + Dynamic Aspiration Tubing</td>
<td>8.0</td>
<td>8.0</td>
<td>8.0 F Sheath</td>
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<td>CATSRT8SKIT</td>
<td>Indigo 8 Straight Tip + Dynamic Aspiration Tubing</td>
<td>8.0</td>
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<td>6.0 F Sheath</td>
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<td>CAT6KIT</td>
<td>Indigo 6 + Dynamic Aspiration Tubing</td>
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<td>6.0 F Sheath</td>
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<td>CAT5KIT</td>
<td>Indigo 5 + Dynamic Aspiration Tubing</td>
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<td>CATD</td>
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Indigo Separators

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Distal OD (in)</th>
<th>Total Length (in)</th>
<th>Compatible Penumbra Devices</th>
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</thead>
<tbody>
<tr>
<td>SEPB</td>
<td>Separator 8</td>
<td>.072</td>
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<td>CAT8</td>
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<tr>
<td>SEPB6</td>
<td>Separator 6</td>
<td>.055</td>
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<td>CAT6</td>
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<td>SEPB5</td>
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<td>CAT5</td>
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<tr>
<td>SEPC4</td>
<td>Separator 4</td>
<td>.035</td>
<td>200</td>
<td>CAT RX</td>
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<tr>
<td>SEPB3</td>
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<td>CAT3</td>
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<td>SEPD</td>
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<td>.072</td>
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<td>CATD</td>
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</table>

Accessories

<table>
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<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Compatible Penumbra Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMXENG – Now!</td>
<td>Penumbra ENGINE® ENGINE Canister</td>
<td>Penumbra ENGINE</td>
</tr>
<tr>
<td>IAP53 – Now!</td>
<td>ENGINE Canister</td>
<td>Penumbra ENGINE</td>
</tr>
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</table>

Ordering Information

Indigo Aspiration Catheters and Separators – Indication For Use
As part of the Indigo Aspiration System, the Indigo Aspiration Catheters and Separators are indicated for the removal of fresh, soft embolism and thrombus from vessels of the peripheral arterial and venous systems.

Indigo Aspiration Tubing – Indication For Use
As part of the Indigo Aspiration System, the Indigo Sterile Aspiration Tubing is indicated to connect the Indigo Aspiration Catheters to the Penumbra Aspiration Pump.

Penumbra Aspiration Pump – Indication For Use
The Penumbra Aspiration Pump is indicated as a vacuum source for Penumbra Aspiration Systems.

Contraindications
Not for use in the coronary or the neurovascular.

Warnings/Precautions
The Indigo Aspiration System should only be used by physicians who have received appropriate training in interventional techniques.

Do not advance, retract or use any component of the Indigo System against resistance without careful assessment of the cause using fluoroscopy. If the cause cannot be determined, withdraw the device or system as a unit. Unrestrained tubing or forceful insertion of the catheter or separator against resistance may result in damage to the device or vessel.

Do not use automated high-pressure contrast injection equipment with the Indigo Aspiration Catheter because it may damage the device.

Potential Adverse Events
Possible complications include, but are not limited to, the following: allergic reaction and anaphylaxis from contrast media; acute occlusion; air embolism; arterial/tissue/tissue fistulae; death; device malfunction; distal embolism; false aneurysm formation; hemorrhage or hematoma at access site; inability completely remove thrombus; infection; hematoma; incision; kidney damage from contrast media; media; neurological deficits including stroke, vessel spasm, thrombosis, dissection, or perforation; intimal disruption; myoccardial infarction; emergent surgery; fibrillation; hypoxia; respiratory failure; peripheral thromboembolic events.

Indigo CAT RX Aspiration Catheters and Indigo Separator 4 – Indication For Use
As part of the Indigo Aspiration System, the Indigo CAT RX Aspiration Catheters and Indigo Separator 4 are indicated for the removal of fresh, soft emboli and thrombus from vessels in the coronary and peripheral vasculature.

Indigo Aspiration Tubing – Indication For Use
As part of the Indigo Aspiration System, the Indigo Sterile Aspiration Tubing is indicated to connect the Indigo CAT RX Aspiration Catheters to the Penumbra Aspiration Pump.

Penumbra Aspiration Pump – Indication For Use
The Penumbra Aspiration Pump is indicated as a vacuum source for Penumbra Aspiration Systems.

Contraindications
The Indigo Aspiration System is contraindicated in:
- the cerebral vasculature
- aneurysm formation; hematoma or hemorrhage at access site; inability completely remove thrombus; infection; hematoma; incision; kidney damage from contrast media; neurological deficits including stroke, vessel spasm, thrombosis, dissection, or perforation; intimal disruption; myoccardial infarction; emergent surgery; fibrillation; hypoxia; respiratory failure; peripheral thromboembolic events.

Possible complications include, but are not limited to, the following: allergic reaction and anaphylaxis from contrast media; acute occlusion; air embolism; arterial/tissue/tissue fistulae; death; device malfunction; distal embolism; emboli; false aneurysm formation; hemorrhage or hematoma at access site; inability completely remove thrombus; infection; hemorrhage; ischemia; kidney damage from contrast media; neurological deficits including stroke, vessel spasm, thrombosis, dissection, or perforation; intimal disruption; myoccardial infarction; emergent surgery; fibrillation; hypoxia; respiratory failure; peripheral thromboembolic events.

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