Update on the Sentry Bioconvertible Non-Retrieval IVC Filter

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CAUTION: Investigational device. Limited by Federal (or United States) law to investigational use. CAUTION: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician.

Financial Relationship Disclosures

- Novate Medical Ltd. shareholder

Retrievable VC Filters Meta-analyses (n=9419)

<table>
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<th>Author</th>
<th>Journal</th>
<th>No. VCF's</th>
<th>Percent retrieved</th>
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<tr>
<td>Sarosiek</td>
<td>JAMA 2013</td>
<td>952</td>
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<td>Tschoe</td>
<td>J Hosp Med 2009</td>
<td>1633</td>
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<td>Angel</td>
<td>JVIR 2011</td>
<td>6834</td>
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Sentry IVC Filter

- Represents next generation filter
- "Bioconvertible" device with a cylindrical, stabilizing frame
- Needs no retrieval
- Intended to provide PE protection for no less than 60 days
- Unique design should reduce filter related complications: tilting, fracture, perforation, and embolization

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What Happens After Filter Bioconverts?

CT

CTV

Pathology

Histology

Is 60 Days Long Enough To Protect Patient From PE?

2004, 2005 Healthcare Utilization Project National Inpatient Sample Discharges (n=24,000 PE)

Days After Admission

2004 2005

Percentage of Cases

Sentry Filter IDE Study (n=135)

• PI: Michael Dake MD, Stanford, CA
• PURPOSE: Evaluate safety, efficacy and results for 510(k)
• DESIGN: Prospective, single arm, multi-center study
• SITES: Include up to 25 US and OUS
• PRIMARY ENDPOINTS: Composite rate of clinical success at 6 months defined as
  – Technical success
  – Freedom from symptomatic PE during 60 day protection period
  – Freedom from filter related complications

Conclusion

The Sentry VC Filter is a bioconvertible device which remains in the filtering configuration for a minimum of 60 days, offering temporary protection from PE

Conclusion

The device then bioconverts:
• Filter cone apex separates
• Filter arms retract and embed in VC wall
• Resulting in a widely patent VC lumen
• Thereby, avoiding the necessity of a second invasive retrieval procedure to remove the filter.