AF-Ablation without Left Atriotomy

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Disclosures

Financial Relationship with AtriCure
AVR + Ablation: A Matter of Decision-Making

1. Do I ablate?

2. How do I ablate?
A Matter of Decision-Making

1. Do I ablate?

In models containing intraoperative variables, performance of arrhythmia ablation ... was protective for mortality.
1. Do I ablate?

Research Question 4A: Does concomitant surgical ablation for AF improve short-term survival?

Recommendation #5. Addition of concomitant surgical ablation for AF does improve 30-day operative mortality.

Class I: It is recommended to choose to perform a concomitant surgical ablation procedure for patients with a history of AF over no treatment of AF because there is significant improvement in operative survival associated with surgical ablation.

Level of Evidence: Level A
A Matter of Decision-Making

1. Do I ablate? ✔
2. How do I ablate?
2. How do I ablate?
## 2. How do I ablate?

### A Matter of Decision-Making

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<thead>
<tr>
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<th>PAF</th>
<th>N-PAF</th>
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<tbody>
<tr>
<td>1. CABG patients with AF</td>
<td>PVI</td>
<td>MAZE</td>
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<tr>
<td>2. AVR patients with AF</td>
<td>PVI</td>
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<td>3. Mitral patients with AF</td>
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A Matter of Decision-Making

2. How do I ablate?

Henn et al., Ann Thorac Surg. 2015 (Oct); 100(4): 1253-60
Left-Atrial Maze without Atriotomy
Left-Atrial Maze without Atriotomy
Left-Atrial Maze without Atriotomy

LiB-Case Patient Characteristics:

• 69-year old female
• Persistent AF, AI II-III°, Aneurysm of Thoracic Aorta
• Preserved LVF
• LA-Diameter: 4.7cm
• CHA$_2$DS$_2$-VASCs: 3
• HAS-BLED: 3

Procedure: Aortic Arch Replacement with FET (E-vita OPEN) + David Procedure + Maze
Left-Atrial Maze without Atriotomy
Bachmann’s Bundle
AATS STARS Meeting
Miami Beach, November 16th/17th, 2017

Thank You