A SINGLE CENTER EXPERIENCE USING AUTOMATED INTRACRANIAL PRESSURE-CONTROLLED CEREBROESPINAL FLUID EXTERNAL DRAINAGE

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Disclosure

Speaker name:

María Pilar Lamarca Mendoza

I have the following potential conflicts of interest to report:

- [ ] Consulting
- [ ] Employment in industry
- [ ] Stockholder of a healthcare company
- [ ] Owner of a healthcare company
- [ ] Other(s)

- [x] I do not have any potential conflict of interest
METHODS

RETROSPECTIVE

THORACIC AORTA REPAIR + LIQUOGUARD
CSPP = MAP - SCP

>70 mmHg
COMMON SETTING:

10 ml/h

10-12 mmHg
PRIMARY OUTCOMES

LUMBAR DRAINAGE RELATED COMPLICATION

SPINAL CORD ISCHEMIA
(transient or permanent)
RESULTS

March 2013

48 patients

46 ENDO

2 OPEN

April 2017
AAS

TAA

Stent fx.

endoleak

Pseudocoaneurysm

Thrombus

39.5%

48.9%
<table>
<thead>
<tr>
<th>Description</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior aortic qx</td>
<td>14</td>
<td>29%</td>
</tr>
<tr>
<td>Primary LSA revascularization</td>
<td>13</td>
<td>27.1%</td>
</tr>
<tr>
<td>Covered LSA without revascularization</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Mean covered aorta</td>
<td>204 mm</td>
<td></td>
</tr>
<tr>
<td>Extensive covered of descending thoracic aorta</td>
<td>32</td>
<td>66.7%</td>
</tr>
<tr>
<td>Open procedure</td>
<td>2</td>
<td>4.1%</td>
</tr>
<tr>
<td>Total visceral debranching</td>
<td>4</td>
<td>8.2%</td>
</tr>
</tbody>
</table>
48 INTERVENTIONS

0 SCI

1 INTRACRANIAL HEMORRHAGE
150 Days Mortality

<table>
<thead>
<tr>
<th>Condition</th>
<th>No. of Cases</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congestive Heart Failure</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Respiratory Infection</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Mesenteric Ischemia</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Ruptured Aneurysm</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Unknown</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>6</strong> (12.5%)</td>
<td></td>
</tr>
</tbody>
</table>
CONCLUSIONS

Low lumbar drainage related complications (2.1%) NO SCI
THANKS!!!
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