Superior Capsular Reconstruction (SCR) Outcomes

Purpose

To report the clinical outcomes of pain, function, and quality of life for patients who underwent superior capsular reconstruction (SCR) for rotator cuff arthropathy.

Methods

The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who underwent SCR based on site data entry. Standard patient-reported outcomes questionnaires for VAS, ASES Function, and SANE were administered at standard time points postoperatively. Results were reported from presurgery to 2 years postsurgery. The numbers of patients included per group is shown to the right.

Results

Trend Conclusion

Based on these early results, the pain, function, and quality-of-life scores for SCR trend towards favorable outcomes. However, no claims can be made on the potential of these results without further analysis to determine statistical significance.
<table>
<thead>
<tr>
<th>Time Point</th>
<th>VAS SCR Avg ± STD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presurgery</td>
<td>4.5 ± 2.5</td>
</tr>
<tr>
<td>6 months</td>
<td>1.7 ± 1.9</td>
</tr>
<tr>
<td>1 year</td>
<td>1.8 ± 2.1</td>
</tr>
<tr>
<td>2 years</td>
<td>1.8 ± 2.3</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Time Point</th>
<th>ASES Shoulder Function Score SCR Avg ± STD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presurgery</td>
<td>13.0 ± 5.6</td>
</tr>
<tr>
<td>6 months</td>
<td>18.8 ± 6.5</td>
</tr>
<tr>
<td>1 year</td>
<td>20.9 ± 6.7</td>
</tr>
<tr>
<td>2 years</td>
<td>21.5 ± 7.1</td>
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<table>
<thead>
<tr>
<th>Time Point</th>
<th>SANE Score SCR Avg ± STD</th>
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<tbody>
<tr>
<td>Presurgery</td>
<td>34.3 ± 20.3</td>
</tr>
<tr>
<td>6 months</td>
<td>59.0 ± 23.4</td>
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<tr>
<td>1 year</td>
<td>65.5 ± 25.7</td>
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<tr>
<td>2 years</td>
<td>66.3 ± 27.2</td>
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