Suprascapular nerve entrapment
Clinical outcome in 30 cases
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Introduction
- Uncommon clinical diagnosis.
- Possible diagnosis in patients with pain, weakness and/or atrophy at posterolateral region of the shoulder.

Objective
- To report clinical outcome after suprascapular nerve decompression at the suprascapular notch.

Methods
- Retrospective study in 30 patients.
- From 2010 to 2016.
- Open release of superior transverse ligament at the suprascapular notch.
- Mean age 52 years. 60 % women.
- All cases presented deep posterolateral shoulder pain. 2 cases hipotrophy of supraespinatus muscle.
- Mean time of symptomatology: 15 months.
- Rx and MRI.
- Electromyogram (100% sensibility)

Results
- Mean follow-up 31 months (12-72 m).
- 93 % immediate pain relief. 100 % without pain after 4 months.
- All patients were satisfied with treatment.

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<thead>
<tr>
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<th>Preop</th>
<th>Postop</th>
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<tbody>
<tr>
<td>VAS score</td>
<td>8.43</td>
<td>0.86</td>
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<tr>
<td>ASES score</td>
<td>22.32</td>
<td>84.6</td>
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Conclusion
- Suprascapular nerve release at suprascapular notch is an effective procedure for immediate pain relief.