FIRST RESULTS OF A STANDARDIZED MULTI-DISCIPLINARY FOLLOW-UP PROGRAM FOR PEDIATRIC LARYNGOTRACHEAL STENOSIS

B. Pullens, PhD1, M. Oosthoek1, L. Duijts,PhD3, K.F. Joosten: PhD2

1Department of otolaryngology and head and neck surgery, Erasmus MC-Sophia Children’s Hospital, Rotterdam
2Department of pediatric Intensive care, Erasmus MC-Sophia Children’s Hospital, Rotterdam
3Department of pediatric pulmonology, Erasmus MC-Sophia Children’s Hospital, Rotterdam

Conclusions

We recommend long-term multidisciplinary follow up programs for all centers performing surgery for laryngotracheal stenosis (LTS)

Introduction

LTS is a complex disorder with a heterogenic patient population. Our previous research has shown that deficits in functional outcome still exist at long-term follow-up after decannulation. We have started a standardized multidisciplinary long-term follow up program for all children surgically treated for LTS.

Follow up program

<table>
<thead>
<tr>
<th>Follow-up (outpatient) visit</th>
<th>Swallow evaluation</th>
<th>Speech evaluation</th>
<th>Pulmonary function test</th>
<th>Endurance test</th>
<th>Quality of life</th>
<th>Imaging (cine MRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3 years</td>
<td>5-6 years</td>
<td>9 years</td>
<td>12 years</td>
<td>16 years</td>
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<td>X</td>
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</tbody>
</table>

First results

66 children visited follow-up program
33 no further action, continued follow-up program
12 needed speech therapy
7 treated further by swallow therapist
6 treated further by pediatric pulmonologist
8 needed further evaluation/surgery on the airway