Penile Length Loss During
Nesbit-Type Surgery:
A Prospective Study

Jade Harrison, Benjamin Ayres, Deji Akiboye, Pareeta Patel, Nick Watkin.
Epsom & St Helier University Hospitals, Department of Urology, Epsom, United Kingdom

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• **Introduction**
  • Peyronie’s disease impacts on physical and psychological well-being
  • Nesbit’s-type procedures shortens the convex side of curvature
  • AUA Peyronie’s Disease Guideline does not comment on expected Penile Length Loss (PLL)
  • BAUS information leaflet states 1cm length loss per 15° curvature correction.
  • EAU patient information leaflet advises patient to expect a length loss of 10-15mm
  • This length loss seemed excessive compared to our experience

• **Methods**
  • 100 patients undergoing penile curvature surgery (without graft) included over 3 years
  • Stretched penile length (cm) was measured pre-operatively
  • Biplanar penile curvature was measured by goniometer with prostaglandin induced erection
  • Surgical correction performed with prostaglandin-E1 induced erection without tourniquet.
  • Post-operative penile length was measured prior to detumescence
  • Data was analysed via scatterplot with line of best fit to determine length loss per curvature correction.
• Results

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<tr>
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<th>Pre-Operative</th>
<th>Post-Operative</th>
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<tbody>
<tr>
<td>Curve</td>
<td>43.6° (median)</td>
<td>2° (0-5)</td>
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<tr>
<td>Length</td>
<td>161mm</td>
<td>152mm</td>
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<td>Length Loss per 15° of correction = 3.6mm</td>
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• Conclusion

- Length loss during penile curvature correction is significantly less than literature suggests.
- PLL range may be due to variable plaque densities with more malleable plaques resulting in less length loss.