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INTRODUCTION



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OBJECTIVE

This clinical study aims to evaluate the effects of adjunct therapy with the use of the NAM for facial symmetry parameters on post-cheiloplasty outcomes in newborns with cleft lip and palate and to assess the psychosocial impact on the family and society of children with clefts.

METHODOLOGY

CONSORT 2010 Flow Diagram

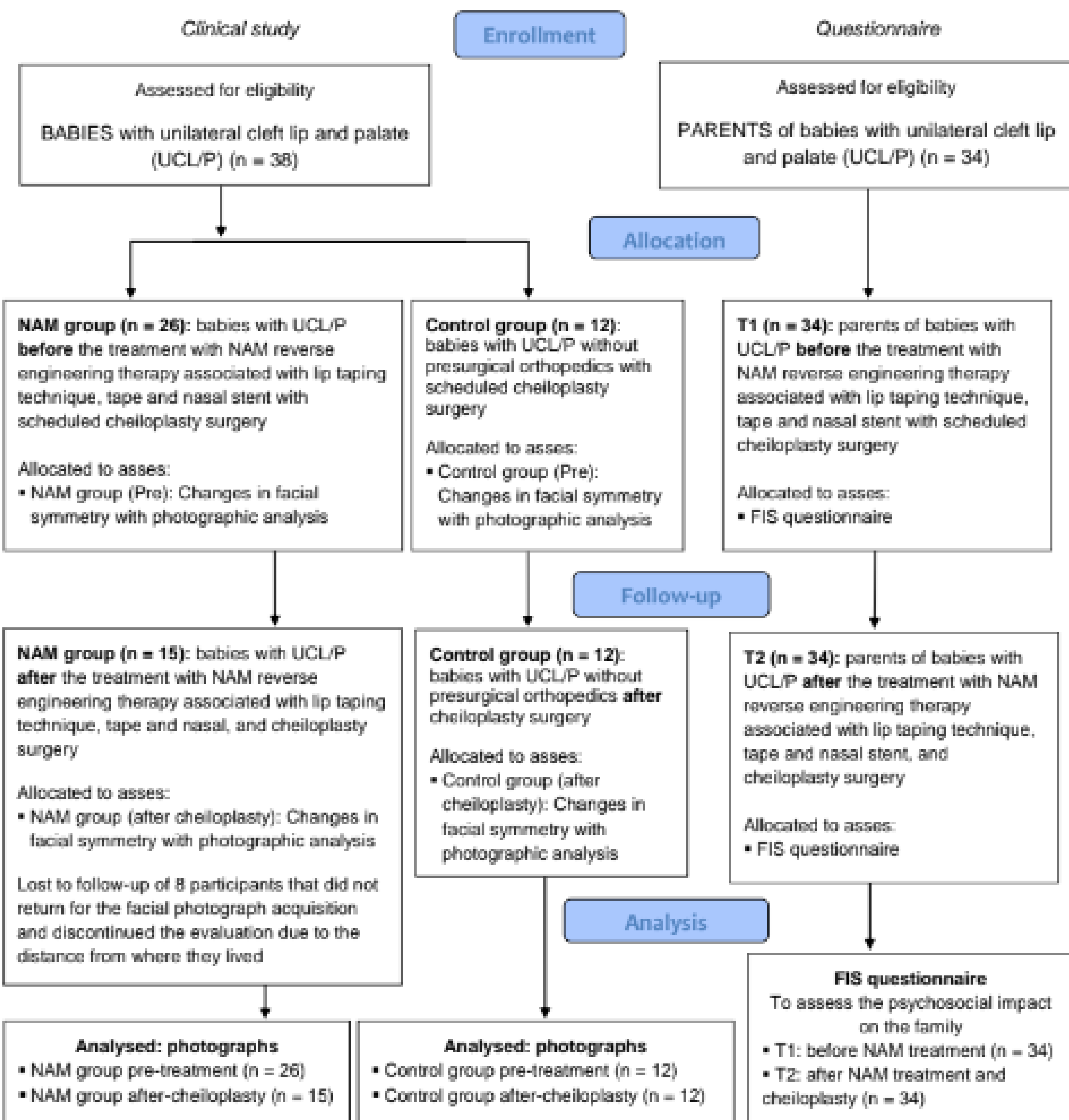
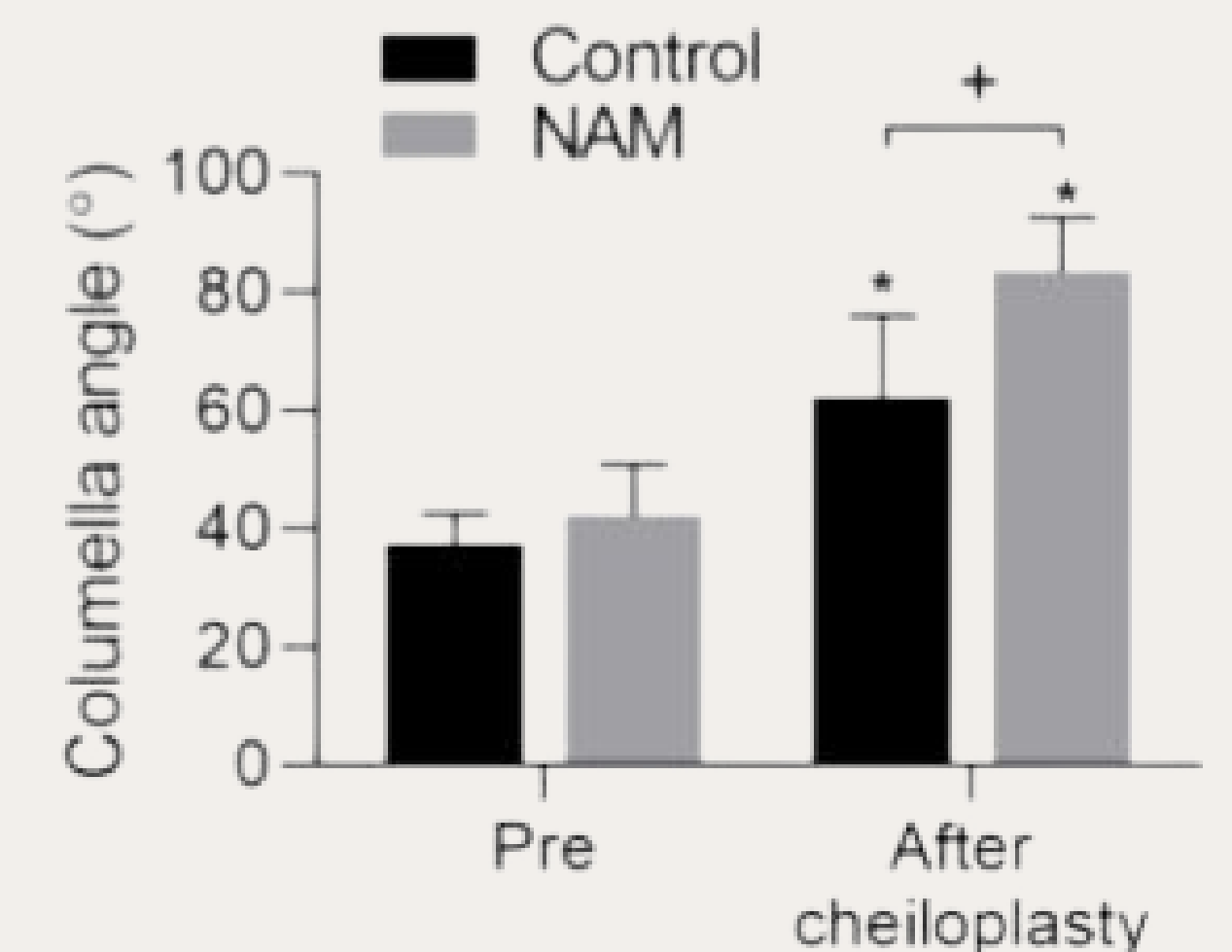


Figure 01: Methodology Flow Diagram.

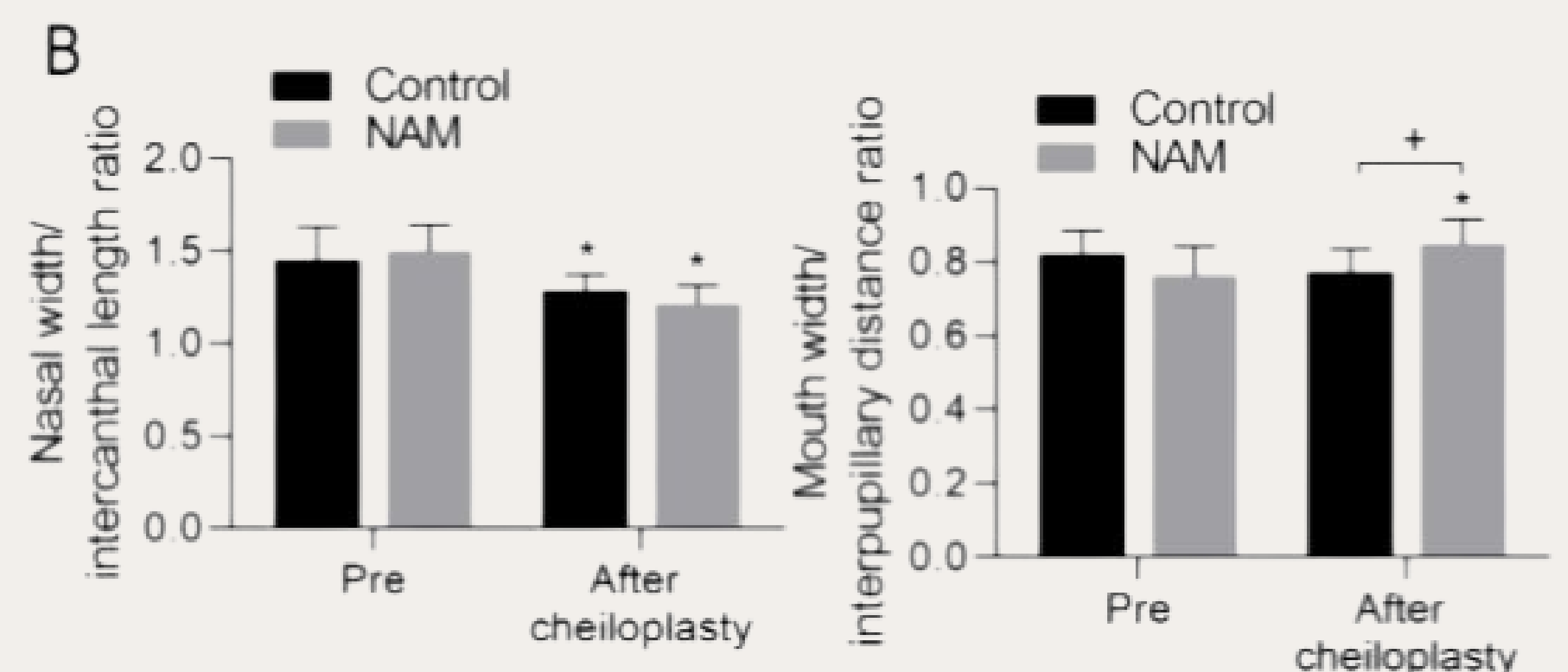
RESULTS



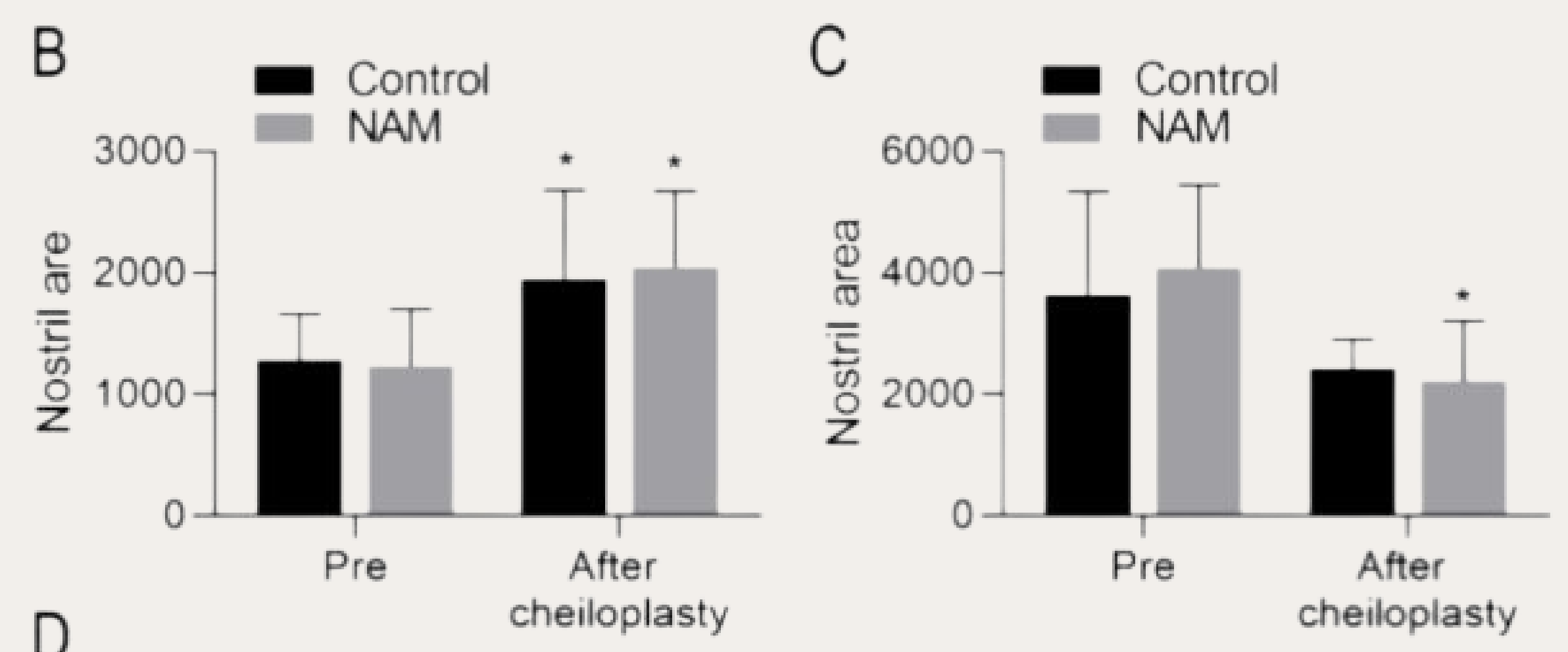
Figure 02: Comparison of facial aspects between NAM Group and Control Group.



Graph 01: Measurement of the columella angle.



Graphs 02 and 03: Measurements of facial proportions.



Graphs 04 and 05: Measurements of nasal proportions.

T1xT2	p value	Statistic Test
Parental Activities	0.555	Wilcoxon Test
Parental Emotions	0.001	Wilcoxon Test
Family Conflicts	0.999	Wilcoxon Test
Financial Burden	0.784	Wilcoxon Test
Overall	0.015	Wilcoxon Test

Table 01: Comparisons of subscale and overall FIS scores between T1 x T2. Significant p value < 0.05.

CONCLUSION

NAM therapy is beneficial for the treatment of Unilateral Cleft Lip and Palate (UCLP), improving the aesthetic and functional outcomes of cheiloplasty. Significant differences were observed in the Physical Environment subscales and overall Family Impact Scale scores over the follow-up period among the participants, indicating the potential benefits of NAM therapy for the families of the participants. However, further research is needed to understand the long-term effects of NAM therapy and its individual variability in the clinical context.

ACKNOWLEDGES