

## GROWTH AND NUTRITIONAL STATUS OF CHILDREN WITH CLEFT-LIP PALATE FROM 2 TO 10 YEARS OLD

MIRANDA GS\*\*\*, MARQUES IL

Setor de Nutrição, Hospital de Reabilitação de Anomalias Craniofaciais - HRAC-USP, Bauru/SP

**OBJECTIVE:** To study the growth of children with cleft-lip, cleft-palate or cleft lip and palate from 2 to 10 years and 11 months of age and to compare the different types of cleft between themselves and also the group of children with cleft with typical children.

**METHODS:** Weight and height measurements were collected from 125 children, aged from 2 to 10 years and 11 months, with isolated cleft lip (ICL), isolated cleft palate or cleft palate with or without cleft lip (CLP/ICP) without associated malformations and/or syndromes in a cross sectional and prospective study. Weight for age (W/A), height for age (H/A) and body mass index (BMI) of these children were compared to World Health Organization 2006/2007 (WHO 2006/2007) reference for typical children. Fisher exact test was used to compare the proportions of children with small body dimensions. The results presented here are preliminary. **RESULTS:** Children with ICL (n:21) did not presented statistically significant difference of any of the measures studied when compared with children with CLP/ICP (n:104) ( $p>0,05$ ). When the children of both group (n:125) were compared with WHO 2006/2007 reference only W/A presented statistically significant difference ( $p=0,001$ ), while the other data did not show significance ( $p>0,05$ ).

**CONCLUSION:** Children with ICL/CLP presented impaired W/A growth when compared with typical children (children without cleft). **KEYWORDS:** cleft lip, cleft palate, growth.