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

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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).