PRELIMINARY STUDIES ON THE USE OF THE DIAGRAM RANK OF THE ORAL HEALTH OF THE BABY IN AN INTERDISCIPLINARY HEALTH PROGRAM

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Abstract

The professionals who take care of oral health of edentulous children do not have a tool to record information about the general state of this oral cavity. Thus, the professor and researcher Dr. Rise Rank Pediatric Dentistry of University UnirG developed a diagram to enable the recording of data collection. Thus, the objective of the present study was was the preliminary analysis of the use of the Positioning Diagram of the oral health of the baby in a public program, verifying if the instrument was able to register the changes in the soft/hard tissues of the child and to evaluate the degree of satisfaction of the examiner . The present study verified the records from 2012 to 2015, and also to understand the degree of satisfaction of the examiners. The research was carried out in two stages: 1) a cohort study with 138 charts completed during intraoral examinations of children 0-36 months of age (2012-2015); 2) the degree of satisfaction of the Diagram was verified by a questionary in 33 examiners. The most frequent changes in soft tissues were ankyloglossia (10.9%) and inclusion cysts (8.7%); as for hard tissues, were caries (8.6%) and enamel fracture (5.0%). The examiners found the Rank Chart to be satisfactory (89%), but the chi-square test showed significance in the dissatisfaction of the recording site of the observations in the Diagram ($p < 0.0001$ and $\chi 2 = 59$). The classification diagram allowed the recording of intra-oral changes from birth to 3 years of age. The data sheet adapted to the quarterly program was preliminarily well evaluated in several aspects, but requires some adjustments to improve the recording space of the intraoral observations.

Key-words: Primary Prevention, Oral Health; Child Health, Pediatric dentistry.

Recent Publications (minimum 5):

1. Alves APS, **Rank RCIC**, Vilela JER, Rank MS, Ogawa WN, Molina OF. Efficacy of a public promotion program on children's oral health. J Pediatr (Rio J). 2017 Sep 25. pii: S0021-7557(17)30197-30203.

2. Neves T, **Rank RCIC,** Gimenez T, Olegário IC, Calvo AFB, Tello G, Imparato JCP... Análisis conductual de niños brasileños que participan del "Programa boquita del bebé" – Gurupi/Tocantins. Behavioral analysis of Brazilian children participating in the "Baby's Program" at Gurupi-Tocantins. Revista "ODONTOLOGÍA" 2017; 19: 122-134.
3. **Rank RCIC**, Rank MS, Vilela JER, Ogawa WN; CORREA MSN. Dental Anxiety and Behavior in Young Children Undergoing Different Distraction Techniques. Brazilian Research in Pediatric Dentistry and Integrated Clinic 2017; 17: 1-11.
4. **Rank RCIC**, Vilela JER, Rank MS, Ogawa WN, Imparato JCP. Effect of awards after dental care in children's motivation. Eur Arch Paediatr Dent. (2018). https://doi.org/10.1007/s40368-018-0394-0
5. Molina OF, **Rank RCIC**, Simiao, BRH, Silva Júnior FF, Ogawa WN. Cervical pain on awakeningin the morning and bruxing behavior types: A comparision study and preliminary results. Journal of Dental and Medical Science 2018; 17: 67-72.



Rise Rank has developed and implemented the Baby's Mouth Program (Programa Boquinha do Bebê), since 2010. Rise has experience in researches regarding infant behavior and early oral health promotion. More than a dentist that works both in particular clinic and public schools, she is also a college professor that focus her lectures on health promotion and develop her classes by forming student teams to work with various activities in an interdisciplinary way. Always seeking for models of innovation to promote health, such as new devices to assist and improve children's dental treatment.
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