

Frequency of Oral Lesions in Newborns at Mashhad Imam Reza Hospital

Authors : Javad Vaezi, Ashraf Mohammadzadeh, Behjatalomoluk Ajami, Azin Vaezi, Aradokht Vaezi

Abstract : Introduction: Neonatal period is the first developing phase after birth, followed by different developmental processes up to the age of puberty. A neonate may be born with different oral lesions. The aim of this study was to evaluate oral lesions in newborns at Mashhad Imam Reza Hospital, which belongs to Mashhad University of Medical Sciences. Materials and Methods: In this cross-sectional descriptive study, 600 newborns were observed during 2.5 months in 2001. The total oral cavity, including the soft palate, hard palate, tongue, alveolar ridge, and oral cavity floor, was examined with a tongue blade and light. Results: Results showed that 52.6% of newborns (316 cases) had oral lesions. 0.66% cases had natal and neonatal teeth, 0.5% cases had congenital epulis, 1.8% cases were with ankyloglossia, 41.5% cases with Epstein's pearls, 22.3% cases with Bohn nodules and 0.16% case with exostosis. There were no cases of cleft lip or cleft palate. The most frequent oral lesion observed was Epstein's pearls. Conclusion: Our study showed that the prevalence of natal teeth in the city of Mashhad was more than in other countries except for Bohn nodule and Epstein's pearls, which occurred less frequently than in other countries.

Keywords : newborn, oral lesion, epidemiology, frequency

Conference Title : ICNH 2023 : International Conference on Nursing and Healthcare

Conference Location : Toronto, Canada

Conference Dates : July 10-11, 2023