

Characteristic and Prevalence of Cleft Lip and Palate Patient in Bandung Cleft Lip and Palate Center: A Descriptive Study

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Abstract : Cleft lip and palate are one of the most common congenital abnormalities in the face. It could happen to anyone, but mostly affect Asian population including Indonesia. Factors that influence the occurrence of cleft lip and palate vary from genetic to environmental factors. Children with cleft lip and palate will often have various problems such as airway disorders, eating disorders, speech and language developmental disorders, hearing disorders and psycho-social disorders, one of which is caused by appearance disorders. During his life, the child will experience multidisciplinary surgery and non-surgical treatment and can be accompanied by a psychological and financial burden on himself and his family. In Indonesia, there are no detailed scientific data on the prevalence and characteristic of cleft lip and palate patients. It was mainly caused by the absence of a national level organization, differences in geographical location, and the absence of national guidelines. This study aimed to describe the characteristic and prevalence of cleft lip and palate patients in Bandung Cleft Lip and Palate Center from 1 January 2016 to 31 December 2017. A total of 560 patients were included in the study. The highest percentage of cases are left unilateral cleft lip and palate with higher number of female patient and labioplasty as the most often surgical procedure to be conducted in Bandung Cleft Lip and Palate Center. In order to improve quality of life in patients with cleft lip and palate, early recognition and early treatment based on actual comprehensive data should be conducted. The data from Bandung Cleft Lip and Palate Center as one of the largest center of cleft lip and palate in West Java Indonesia hopefully could provide a big step of further comprehensive data collection in Indonesia and for the better overall management of cleft lip and palate in the future.

Keywords : cleft lip, cleft palate, characteristic, prevalence

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