

PREDISPOSING ENVIRONMENTAL FACTORS FOR NON-SYNDROMIC CSFISSURES: A LITERATURE REVIEW

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ABSTRACT

Cleft lip and palate are the most common craniofacial congenital malformations and have a high prevalence in Brazil, with most cases considered non-syndromic. This work has the aim of describing predisposing environmental factors for non-syndromic cleft lip and palate. Methodologically, a systematic review of environmental risk factors over a 20-year period (1998-2018), with an electronic search in the Bireme Pubmed, Lilacs and Scielo databases, was performed. The descriptors which were used are the following: clefts, facial, environmental, factors, risk, environment, fissures. No language barriers were imposed. Article reviews, case reports and studies not related to the topic were excluded. As a result, 79 articles were found and 19 which fit the study were selected. Therefore, the following predisposing factors for non-syndromic cleft lip and palate were identified: perigestational maternal exposure to cigarettes, alcohol, environmental pollution, valproic acid, maternal obesity, maternal diabetes, maternal viral infections, and low socioeconomic status.

KEYWORDS: clefts; facial; environmental; factors; risk.