



# ***INCIDECE OF CLEFT LIP AND PALATE IN AL-RAMADI CITY***

*(Descriptive Epidemiological Study)*

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## ABSTRACT

***Orofacial Cleft*** refers to a multifactorial abnormal congenital opening or gap in the lip, palate or face. It is a major human birth defect that represents a significant public health burden. Cleft lip (CL), cleft lip and/or palate (CL/P), and isolated cleft palate (CP), collectively termed oral clefts, occur in all races, both sexes, and all socioeconomic groups and vary internationally. There were only few studies that demonstrate the prevalence of this congenital anomaly in Iraq.

The main aim of this research is to see the incidence of cleft lip and/or palate in AL-Ramadi city.

From the total number of the randomly selected rural and urban Iraqi newborn baby (5100) in AL-Ramadi city, 15 were having craniofacial clefts of various types, and a well-planned questionnaire was prepared and filled with the parents of the patient, and do clinical examination for the newborn patient to see the type of the cleft and any other congenital malformations.

The data were collected and analyzed and the following results were obtained:

1. the prevalence of cleft lip and /or palate in AL-Ramadi City is nearly (2.9) per thousand of newborn child .
2. Cleft lip patients account (13.34%), cleft palate (60%) and cleft lip and palate (26.66%) , of the total sample.
3. Male:Female ratio is [1.5: 1] , and this indicated that the cleft lip and/or palate is more predominate in.
4. From the cleft sample, (66.67%) is found to be born with other congenital anomalies.

5. From our data, (46.67%).of the cleft sample had other members in their family that affected with cleft lip and/or palate.

The final conclusion of this study is that the prevalence of cleft lip and/or palate in AL-Ramadi city was high so that a specialized clefts center should be planned to treat those children .