

عنوان مقاله:

Characteristics of Last Lumps Outbreak in Maysan: Incidence, Demographic Factors, and Mumps-Related Complication

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خلاصه مقاله:

Mumps is a viral infection and one of acute disease caused by virus type called a paramyxovirus. This infection is characterized by many signs and symptoms such as salivary glands (one or more) swelling. In recent years, large outbreak of mumps was re-emerged in many countries which mainly affect the adolescents and young adults. Its incidence varies across countries according to seasonal patterns. Therefore, the aim of this study was to assess the incidence and complications of mumps outbreak in Maysan City. A retrospective cross-sectional study was conducted, in which all notified and admission records were reviewed in Fever Maysan Hospital since ۲۰۱۳ to ۲۰۱۷ regarding demographic factors, incidence, and complications of mumps infection. Data were analyzed using (SPSS, Version ۲۰) with a statistical test (chi-square). A total of (۳۱۴۱) cases were reported during the last five years, an increasing incidence of mumps infection was found in ۲۰۱۶ (۷۰.۷%) followed by ۲۰۱۷ (۲۲.۷%), and most of cases were males (۶۶.۲%). Incidence rate was high in the age group of ۵-۱۴ and ۱۵-۴۵ years old, and also (۵۳.۱% vs. ۳۵%), and (۶۴.۷%) of cases were reported in urban area. The complication rate was ۵.۰۶%, and most of them were males as ۸۱.۳% in the age group of ۱۵-۴۵ years old with a high rate of complications in urban area. The study concluded that there is a high incidence rate of mumps cases in ۲۰۱۶, which indicated as outbreak, most of them males in the age group of ۵-۴۵ (years old and most of them were from urban area with a high complication rate (۵%

کلمات کلیدی:

mumps, Outbreak, Infection, Misan, Iraq

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