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Acta Medica Iranica

2009;47(4) : 405-408

Original Article

CAUSES OF RESPIRATORY DISTRESS IN CHILDREN

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Received: March 29,2007

Accept : October 6,2007

Available online: December 3,2008

Abstract:

There is a lack of large, prospective epidemiologic studies concerning acute lung injury (ALI) and acute respiratory distress syndrome (ARDS) in pediatric population. To determine the different causes of respiratory distress in children, we prepared a retrospective study and included the whole 567 children with respiratory distress referred to 17-Shahrivar Hospital, Rasht, Guilan. Using their medical files, data including age, sex, and causes of respiratory distress were collected. SPSS 13.0 (statistical software) applied for statistical analysis. Pneumonia, asthma, and croup were the major causes of ARDS in children with a rate of 38.4, 19.04, and 16.5 percent, respectively. It seems that infectious factors are at the top of the list of ARDS causing factors which can be helpful to approach and manage such patients. We suggest vaccinating these at risk groups against common infectious factors such as H. Influenza and RSV which can cause either pneumonia or inducing asthma.

Keywords:

[pneumonia](#) . [respiratory distress](#)

TUMS ID: 12259

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