Purulent pleurisy in children

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Introduction: The incidence of purulent pleurisy is on the rise in several series in the literature. It is a significant cause of morbidity in pediatrics. The main objective of our study is to analyze the epidemiological characteristics and the prognosis of purulent pleurisy of the child.

Material and methods: We conducted an 11-year retrospective study (2008-2019), ...

Neonatal pneumococcal meningitis

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Neonatal pneumococcal meningitis is rare, but serious due to its high mortality and severe psychomotor and neurosensory sequelae. We report six cases of pneumococcal meningitis collected at the neonatal and neonatal resuscitation department of the CHU Mohamed VI, from January 2014 to July 2020. The aim of our work is to study the peculiarities, clinical, bacteriolog ...

Mechanism of multi-resistant bacterial pathogenesis: MDR genes are not so deadly unless plasmid-mediated toxin, virulence and regulatory genes are activated
Mdr genes in association with many drug efflux and metal efflux genes are creating pathogenesis due to antibiotic void. However, most dangerous step occurred when R-plasmids and integrons (~2-9kb) were combined with F'-conjugative plasmid (62.5kb) creating large MDR conjugative plasmids that easily donated 6-15 mdr genes to gut microbiota as well as environmental bact ...