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Persistence of Pleural Effusions and Empyemas after Pneumococcal Conjugate Vaccine Implementation in Uruguay

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Author(s)

Miguel Estevan, Luis Martínez, Edith Arreisengor, Maria Hortal

ABSTRACT

In Uruguay a post pneumococcal conjugate vaccine implementation surveillance of hospitalized children with pneumonia showed an increase of complicated pneumonias, while uncomplicated pneumonias decreased. Out of 151 pleural effusions, 62 were empyemas requiring drainage, the rest of cases were treated with antibiotics with a favorable outcome. Patient's vaccinated status varied. Pneumococcal etiology was poorly documented. The few identified sero-types were 1 and 3, a fact that urges PCV13 use for their control.

KEYWORDS

Pneumonia; Pleural Effusion; Pneumococcal Infections; Conjugate Vaccine

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