

# Immunization Status of Children under 5 Years Hospitalized in the Paediatric Ward of the Hôpital Roi Baudouin de Guediawaye

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## To the Editors of Neonatal and Pediatric Medicine

In Senegal, as in other sub-Saharan African countries, diseases preventable by vaccination are among the leading causes of morbidity and mortality among children under 5 years of age [1]. Compliance with vaccine recommendations is essential to help reduce infant and child mortality [2]. The objective of our study is to evaluate the immunization coverage rates of children less than 5 years of age hospitalized in the pediatric ward of the Hôpital Roi Baudouin de Guédiawaye. This hospital center is located in the Dakar suburbs, namely 17 km from the city center with a population of 1 050 000 inhabitants. A retrospective study was conducted from the records of children hospitalized from January 1, 2013 to December 31, 2015. Immunization coverage data for children were assessed for each vaccine from the children immunization records.

During the study period, 1432 children aged 0-5 years were hospitalized. Most of children were male (51.4%). In our study, we have infants aged 0-11 months (448 -