

Lower respiratory infections among hospitalized children in New Caledonia: a pilot study for the Pneumonia Etiology Research for Child Health project.

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Table 1. Enrolment criteria for cases and controls [7].

| | | Inclusion criteria | Exclusion criteria |
|---------------------------------|--|--|--|
| Case | | | |
| Age | | 1 month to 15 years old | <1 month or >15 years old |
| Admission status | | Hospitalized | Not hospitalized or duration of hospitalization before enrolment >48h |
| Clinical features [7] | | | |
| Pneumonia | | Cough with tachypnea ^a or difficulty breathing | Chronic respiratory disease with bacterial colonization of the respiratory tract (bronchiectasis, cystic fibrosis) |
| Severe or very severe pneumonia | | Signs of pneumonia plus any of the following signs or symptoms: <ul style="list-style-type: none"> - lower chest wall indrawing - nasal flaring - grunting (in young infants) - central cyanosis - inability to breastfeed or drink - vomiting everything - convulsions, lethargy or unconsciousness - severe respiratory distress (head nodding) | |
| Bronchiolitis | | <ul style="list-style-type: none"> - wheezing resistant to rapid-acting bronchodilators - hyperinflation of the chest, with increased resonance to percussion - lower chest wall indrawing - fine crackles or rhonchi on auscultation of the chest - difficulty in feeding, breastfeeding or drinking owing to respiratory distress | |
| Severe bronchiolitis | | Signs of bronchiolitis plus any of the following signs or symptoms: <ul style="list-style-type: none"> - central cyanosis - difficulty in breastfeeding or drinking, or vomiting everything - convulsions, lethargy or unconsciousness - respiratory distress (obvious discomfort in breathing, difficulty in drinking, feeding or talking) | |
| Control | | | |
| Age | | Matched on age to a study case: <ul style="list-style-type: none"> - same numerical age in years if the case is >1 year - same age group strata (1 to 5 months or 6 to 11 months) if the case is <1 year | |
| Admission status | | Hospitalized or outpatient | Hospitalization before enrollment >48 h |
| Date of enrollment | | ≤31 days after case | |
| Clinical features | | Children without respiratory symptoms | <ul style="list-style-type: none"> - Signs of respiratory infection (cough, wheezing) - Invasive bacterial infection (septicemia, meningitis, osteomyelitis) - Asthma |

^a Respiratory rate of ≥60/min in children under 2 months, ≥50/min in children between 2 and 11 months, ≥40/min in children between 1 and 5 years, ≥30/min in children between 5 and 15 years.