

Appendix S1

Case definitions for AURI and ALRI

Clinical signs and symptoms	IMNCI/ IMAI Case definition	Study definition
Age <2months		
Any one of the following Convulsions OR Not feeding well OR Fast breathing (60 breaths per minute or more) OR Severe chest indrawing OR Grunting OR Fever (37.5 C* or above) OR Low body temperature (less than 35.5 C*) OR Movements only when stimulated or no movements even when stimulated	Possible Serious Bacterial Infection	ALRI
Insufficient signs for the above classification		AURI
Age 2months - 59months		
Any general danger sign (lethargic/unconscious/convulsion) OR Stridor in calm child OR Chest in-drawing	Severe Pneumonia or Very Severe Disease	ALRI
Fast breathing (2-12 months: 50 breaths per minute or more 12 months-59 months: 40 breaths or more)	Pneumonia	ALRI
No signs of pneumonia or very severe disease	No Pneumonia: Cough or Cold	AURI
Age 5 years – 10 years		
Any one or more of the following Fast breathing (40 breaths per minute or more) OR High fever (38°C or above) OR Pulse rate (\geq 120 per minute) OR Lethargy OR Severe chest pain	Severe Pneumonia or Very Severe Disease	ALRI
Two of the following Fast breathing (30 breaths per minute or more) OR Night sweats OR Chest pain	Pneumonia	ALRI

Insufficient signs for the above classification	No pneumonia: Cough or cold	AURI
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