Supplement table S3. Final diagnoses and identified pathogens for all hospitalised children (N=1,238) [a,b]	n/N (%)
Plasmodium spp. parasitaemia	**728 (59)**
Plasmodium falciparum	679/728 (92)
Plasmodium ovale	6/728 (1)
Plasmodium malariae	2/728 (0)
P. falciparum/P. malariae	35/728 (5)
P. falciparum/P. ovale	6/728 (1)
Parasite count in μl [median(IQR)]	74,385 (25,508–201,407)
Parasite count in μl	
≥1 to 10,000	105/728 (14)
>10,000 to 100,000	313/728 (43)
> 100,000	310/728 (43)
Severe malaria	**117/1,238 (9)**
Parasite count in μl [median(IQR)]	283,566 (122,360–477,764)
Cerebral malaria	17/117 (15)
Lower respiratory tract infection[c]	**290 (23)**
Pathogen detected	209/290 (72)
Streptococcus pneumoniae	134/209 (64)
Adenovirus	54/209 (26)
Haemophilus influenzae	46/209 (22)
Rhinovirus	42/209 (20)
Enterovirus	40/209 (19)
HCoV[d] (NL63, 229E, OC43, HKU1)	25/209 (12)
Chlamydiae	25/209 (12)
Influenza A/B	17/209 (8)
Parainfluenzavirus 1–4	16/209 (8)
Mycoplasma pneumoniae	7/209 (3)
hMPV[e]	2/209 (1)
RSV[f]	1/209 (0)
Legionella spp.	1/209 (0)
Urinary tract infection	**218 (18)**
Pathogen detected	32/218 (15)
Escherichia coli	25/32 (66)
Klebsiella pneumoniae	7/32 (22)
Streptococcus spp.	4/32 (13)
Enterococcus spp.	4/32 (13)
Pseudomonas aeroginosa	1/32 (3)
Acinetobacter spp.	1/32 (3)
Pantoea spp.	1/32 (3)
Enterobacter spp.	1/32 (3)

Staphylococcus aureus	1/32 (3)
Gastrointestinal infection	**210 (17)**
Pathogen detected	97/210 (40)
Rotavirus	32/97 (33)
Giardia spp.	28/97 (29)
Adenovirus	26/97 (27)
Shigella/EIEC	25/97 (26)
Campylobacter spp.	21/97 (22)
Norovirus	14/97 (14)
Salmonella spp.	10/97 (10)
Cryptosporidium spp.	5/97 (5)
Astrovirus	5/97 (5)
Sapovirus	2/97 (2)
Cyclospora cayetanensis	2/97 (2)
EHEC	1/97 (1)
Clostridium difficile	0 (0)
Yersinia enterocolitica	0 (0)
Entamoeba histolytica	0 (0)
Pneumonia	**120 (10)**
Pathogen detected	90/120 (75)
Streptococcus pneumoniae	58/90 (64)
Rhinovirus	19/90 (21)
Haemophilus influenzae	18/90 (20)
Chlamydiae	14/90 (16)
Parainfluenzavirus 1–4	14/90 (16)
Enterovirus	13/90 (14)
Adenovirus	9/90 (10)
Influenza A/B	8/90 (9)
RSV	7/90 (8)
HCoV (NL63, 229E, OC43, HKU1)	7/90 (8)
Mycoplasma pneumoniae	3/90 (3)
hMPV[e]	2/90 (2)
Unidentified	**113 (9)**
Skin/soft tissue or joint/bone infection[g]	**82 (7)**
Bloodstream infection	**62 (5**)
Salmonella spp.	47/62 (76)
Non typhoidal *Salmonella* spp.	28/47 (60)
Salmonella Typhimurium	14/47 (30)
Salmonella Dublin	7/47 (15)
Salmonella Enteritidis	6/47 (13)
Salmonella Westphalia	1/47 (2)
Salmonella enterica serovar Typhi	19/47 (40)

Streptococcus pneumoniae	6/62 (10)
Staphylococcus aureus	3/62 (5)
Haemophilus influenzae	2/62 (3)
Acinetobacter spp.	1/62 (2)
Escherichia coli	1/62 (2)
Klebsiella oxytoca	1/62 (2)
Moraxella catarrhalis	1/62 (2)
Systemic viral disease	**58 (5**)
Parvovirus B19	39/58 (67)
Human Immunodeficiency Virus	15/58 (26)
Hepatitis B Virus	3/58[h] (5)
Hepatitis A Virus	2/58[h] (3)
Hepatitis E Virus	0/58
Flavivirus	0/1,238
Alphavirus	0/1,238
Intra abdominal infection[i]	**7 (1)**
CNS infection/meningitis	**11 (1)**
Pathogen detected	3/11 (27)
Streptococcus pneumoniae	2/11 (18)
Klebsiella oxytoca	1/11 (9)
Clinical Diagnoses	**4 (0)**
Mastoiditis	3/1,238 (0)
Mumps	1/1,238 (0)
Pulmonary tuberculosis	**2 (0)**
Lymphatic filariasis	**1 (0)**
Mansonella perstans	1 (0)
Zoonotic infection	**0 (0)**
Leptospira spp.	0/1,238
Brucella spp.	0/1,238
Coxiella spp.	0/1,238
Bartonella spp.	0/1,238
Borrelia spp.	0/1,238
Rickettsia spp.	0/1,238

[a] According to case definitions (see supplement table S1).

[b] Multiple diagnoses and/or pathogens per patient possible.

[c] Excluding pneumonia diagnosis.

[d] Human Coronavirus.

[e] Human Metapneumovirus.

[f] Respiratory syncytial virus.

[g] Only clinical diagnosis available.

[h] If ALT/AST ≥ 150 U/l.

[i] Appendicitis, n=3; peritonitis, n=1; intussusception, n=1; ileal perforation due to typhoid fever, n=1

and mesenteric lymphadenitis (n=1).