

Additional file 8

Table: Syndrome enrolment of case-patients that reported antibiotic use in the ten days prior to study enrolment

	Syndrome enrolment								
	Total	n	AFUDC %	GI n	GI %	RTI n	RTI %	GI/RTI n	GI/RTI %
<i>Health facility by country</i>									
CIV	659	187	28.4%	207	31.4%	261	39.6%	4	0.6%
BF	2,470	879	35.6%	355	14.4%	1,161	47.0%	75	3.0%
DRC	1,903	514	27.0%	538	28.3%	665	34.9%	186	9.8%
RSA	2,226	618	27.8%	542	24.4%	922	41.4%	144	6.5%
<i>Health facility by location</i>									
Rural site	1,974	561	28.4%	541	27.4%	785	39.8%	87	4.4%
Urban site	5,284	1,637	31.0%	1,101	20.8%	2,224	42.1%	322	6.1%
<i>Health facility by country/location</i>									
CIV, urban	573	167	29.1%	164	28.6%	238	41.5%	4	0.7%
CIV, rural	86	20	23.3%	43	50.0%	23	26.7%	0	0.0%
BF, urban	2,113	716	33.9%	266	12.6%	1,061	50.2%	70	3.3%
BF, rural	357	163	45.7%	89	24.9%	100	28.0%	5	1.4%
DRC, urban	1,524	345	22.6%	444	29.1%	560	36.7%	175	11.5%
DRC, rural	379	169	44.6%	94	24.8%	105	27.7%	11	2.9%
RSA, urban	1,074	409	38.1%	227	21.1%	365	34.0%	73	6.8%
RSA, rural	1,152	209	18.1%	315	27.3%	557	48.4%	71	6.2%
<i>COVID-19 pandemic</i>									
Enrolled before	4,319	1,167	27.0%	956	22.1%	1,926	44.6%	270	6.3%
Enrolled during	2,939	1,031	35.1%	686	23.3%	1,083	36.9%	139	4.7%
<i>Sex, by age</i>									
<i>< or ≥ 5 years*</i>									
Male, <5 years	2,286	524	22.9%	673	29.4%	882	38.6%	207	9.1%
Female, <5 years	1,784	407	22.8%	495	27.7%	733	41.1%	149	8.4%
Male, ≥5 years	1,578	642	40.7%	192	12.2%	728	46.1%	16	1.0%
Female, ≥5 years	1,492	569	38.1%	264	17.7%	627	42.0%	32	2.1%
<i>Weight categories‡</i>									
Underweight	1,749	401	22.9%	514	29.4%	698	39.9%	136	7.8%
Normal	2,676	919	34.3%	420	15.7%	1,240	46.3%	97	3.6%
Overweight	569	185	32.5%	99	17.4%	264	46.4%	21	3.7%
Obese	331	95	28.7%	67	20.2%	162	48.9%	7	2.1%
<i>Co-morbidities *</i>									
No	6,612	2,017	30.5%	1,546	23.4%	2,676	40.5%	373	5.6%
Yes	569	167	29.3%	81	14.2%	288	50.6%	33	5.8%
<i>Antimalarials *</i>									
No	5,631	1,684	29.9%	1,233	21.9%	2,423	43.0%	291	5.2%
Yes	1,405	470	33.5%	367	26.1%	461	32.8%	107	7.6%
<i>Other medication*</i>									
No	3,391	1,029	30.3%	713	21.0%	1,506	44.4%	143	4.2%
Yes	3,601	1,115	31.0%	868	24.1%	1,366	37.9%	252	7.0%
<i>Symptom onset*</i>									
0-3 days ago	2,763	881	31.9%	757	27.4%	996	36.0%	129	4.7%
4-7 days ago	3,276	942	28.8%	681	20.8%	1,421	43.4%	232	7.1%
8-10 days ago	1,131	368	32.5%	131	11.6%	590	52.2%	42	3.7%
<i>Last dose rep. antibiotic°</i>									
same day	3,860	1,188	30.8%	880	22.8%	1,619	41.9%	173	4.5%
1-2 days ago	3,097	916	29.6%	697	22.5%	1,272	41.1%	212	6.8%
3-10 days ago	301	94	31.2%	65	21.6%	118	39.2%	24	8.0%

Legend: enrolment from 1 February 2018 till 26 May 2022. CIV: Côte d'Ivoire; BF: Burkina Faso; DRC: Democratic Republic of the Congo; RSA: Republic of South Africa; AFDUC: acute febrile disease of unknown cause; GI: gastrointestinal infection; RTI: respiratory tract infection. *Variables with missing data <5%. ¥Missing data exceeds 5%. °only first reported antibiotic shown ¹*Frequencies relate to row variables*