

Prevalence and antibiotic resistance profiles of *Campylobacter* spp. isolated from humans and animals in West Africa: a systematic review and meta-analysis

Search Strategy

Conducted on 31 July 2021

Database: Medline

#	Searches	Results
#1	Campylobacteriosis[Mesh] OR Campylobacter[Mesh] OR campylob*[tw]	19,249
#2	West Africa[Mesh] OR Benin[tw] OR Burkina Faso[tw] OR Cape Verde[tw] OR Côte d'Ivoire[tw] OR Gambia[tw] OR Ghana[tw] OR (Guinea[tw] NOT guinea pig*[tw]) OR Guinea-Bissau[tw] OR Liberia[tw] OR Mali[tw] OR Mauritania[tw] OR Niger[tw] OR Nigeria[tw] OR Saint Helena[tw] OR Senegal[tw] OR Sierra Leone[tw] OR Togo[tw] OR Western Africa*[tw] OR West Africa*[tw] AND "English"[language]	104,295
#3	#1 AND #2	145

* instruct the database to search for variations in spelling and variant endings of the root word "campylob".

Database: Directory of Open Access Journals (DOAJ)

#	Searches	Results
1	Campylobact* AND Benin	4
2	Campylobact* AND Burkina Faso	1
3	Campylobact* AND Cape Verde	0
4	Campylobact* AND Côte d'Ivoire	1
5	Campylobact* AND Gambia	3
6	Campylobact* AND Ghana	9
7	Campylobact* AND Guinea NOT guinea pig*	0
8	Campylobact* AND Guinea-Bissau	1
9	Campylobact* AND Liberia	0
10	Campylobact* AND Mali	1
11	Campylobact* AND Mauritania	0
12	Campylobact* AND Niger	3
13	Campylobact* AND Nigeria	15
14	Campylobact* AND Saint Helena	0

15	Campylobact* AND Senegal	4
16	Campylobact* AND B Sierra Leone	0
17	Campylobact* AND Togo	1
18	Campylobact* AND Western Africa	4
19	Campylobact* AND West Africa	10
	Total	57

*instruct the database to search for variations in spelling and variant endings of root words”.

Database: Google Scholar

No	Searches	Results
1	allintitle: Campylobacter OR campylobacteriosis AND Benin	2
2	allintitle: Campylobacter OR campylobacteriosis AND Burkina Faso	6
3	allintitle: Campylobacter OR campylobacteriosis AND Cape Verde	0
4	allintitle: Campylobacter OR campylobacteriosis AND Côte d'Ivoire	4
5	allintitle: Campylobacter OR campylobacteriosis AND Gambia	1
6	allintitle: Campylobacter OR campylobacteriosis AND Ghana	6
7	allintitle: Guinea Campylobacter OR Campylobacteriosis - "guinea pig"	7
8	allintitle: Campylobacter OR campylobacteriosis AND Guinea-Bissau	0
9	allintitle: Campylobacter OR campylobacteriosis AND Liberia	0
10	allintitle: Campylobacter OR campylobacteriosis AND Mali	0
11	allintitle: Campylobacter OR campylobacteriosis AND Mauritania	0
12	allintitle: Campylobacter OR campylobacteriosis AND Niger	0
13	allintitle: Campylobacter OR campylobacteriosis AND Nigeria	71
14	allintitle: Campylobacter OR campylobacteriosis AND Saint Helena	0
15	allintitle: Campylobacter OR campylobacteriosis AND Senegal	13
16	allintitle: Campylobacter OR campylobacteriosis AND Sierra Leone	0
17	allintitle: Campylobacter OR campylobacteriosis AND Togo	0
18	allintitle: Campylobacter OR campylobacteriosis AND Western Africa	0
19	allintitle: Campylobacter OR campylobacteriosis AND West Africa	5
	Total	128

Database: African Index Medicus

#	Searches	Results
1	Campylobacter	44
2	Campylobacteriosis	3
3	1 and 2 (Restrict to English)	34

Database: African Journals Online (AJOL)

#	Searches	Results
1	campylob*	427

*instruct the database to search for variations in spelling and variant endings of the root word “campylob”.