Poliovirus surveillance in West, Central and East Africa post-certification:

A structured narrative review by Wankpaouyare Gmakouba et al

Supplementary Methods S1 Search strategy and reporting details

Search history and interpretation

The expressions below reconstruct the concept blocks described in the original manuscript. They are provided for transparent reuse, not as exact archived queries. No new comprehensive database search was undertaken for this revision. The original per-database yields, date-by-date histories, full country-term list and number of Google Scholar results screened are not documented in the supplied review records. These missing details limit replication of the original retrieval and must not be inferred from the expressions below.

PubMed MEDLINE

A reproducible expression corresponding to the described search is: ("Poliomyelitis"[Mesh] OR poliovirus*[tiab] OR poliomyelit*[tiab] OR polio[tiab]) AND ("acute flaccid paralysis"[tiab] OR "environmental surveillance"[tiab] OR wastewater[tiab] OR sewage[tiab] OR "community-based surveillance"[tiab] OR "laboratory surveillance"[tiab] OR genomic*[tiab] OR AVADAR[tiab] OR "information management"[tiab]) AND ("Africa, Western"[Mesh] OR "Africa, Central"[Mesh] OR "Africa, Eastern"[Mesh] OR "West Africa"[tiab] OR "Central Africa"[tiab] OR "East Africa"[tiab]) AND ("2015/01/01"[Date - Publication] : "2026/07/20"[Date - Publication]). English/French eligibility is applied during screening. Country-specific searches described by the original review are not retrospectively enumerated because their exact historical list is unavailable. Regional indexing can miss country-only reports.

Global Index Medicus

Example free-text logic: (polio OR poliovirus OR poliomyelitis OR poliomyélite) AND ("acute flaccid paralysis" OR "paralysie flasque aiguë" OR "environmental surveillance" OR "surveillance environnementale" OR wastewater OR "surveillance communautaire" OR AVADAR) AND ("West Africa" OR "Central Africa" OR "East Africa" OR "Afrique de l Ouest" OR "Afrique centrale" OR "Afrique de l Est"). Apply publication dates from 2015 to 20 July 2026 and review English/French eligibility. These terms need entry in the interface's supported free-text fields; they are not asserted to be an exported historical query.

African Journals Online

Use separate, short site-search queries because interface support for long Boolean expressions may vary: "acute flaccid paralysis"; poliovirus surveillance; "paralysie flasque aiguë"; "environmental surveillance" polio; AVADAR. Screen against the stated geography, language and publication-date criteria. The original number of result pages examined is not documented.

Google Scholar

Example separate queries: "poliovirus surveillance" "West Africa"; "acute flaccid paralysis" "Central Africa"; "environmental surveillance" poliovirus "East Africa"; "paralysie flasque aiguë" surveillance; AVADAR Africa. Apply a 2015–2026 year range, then exclude reports published after 20 July 2026 during eligibility assessment. Ranking changes over time; the original result-page depth and stopping rule are not available, so these examples cannot reproduce the reported historical yield.

Journal websites reference lists and normative sources

The original review reports manual searching of JIEPH and Pan African Medical Journal, backward reference checking, and WHO/WHO African Region websites. These routes used the same topic and eligibility logic; their individual yields were not documented. Normative documents and contextual reviews were used for interpretation and counted separately from the 29 empirical reports. Citation verification during revision checked publication identities and accessibility rather than adding a new search yield.