

Implementation trials disparity between Africa and the United States of America: A cross-sectional study.

Implementation research is a specific scientific approach that evaluates the effectiveness of incorporating evidenced-based interventions and policies into routine health Care systems (Sáenz et al., 2021). The know-do gap refers to a situation where there is failure to apply knowledge to improve people's health (Kebede et al., 2014). The Algiers declaration was designed and intended to close this significant Know-do gap in among African countries. We conducted a cross-sectional audit and analysis of all conducted trials registered on clinicaltrials.gov through April 2026. Africa and the United States of America had 23,873 and 190,644 registered trials respectively. African countries conducted only 72 implementation trials while 2338 were conducted in the United States of America, with a 32-fold absolute trial volume gap. This trial volume gap between Africa and the United States of America progressively increased from phase 1 through to phase 4 trials. More implementation research is needed to close the large existing know-do gap in Africa.

App:[https://mahmood726-cyber.github.io/africa-e156-students/\[group\]/dashboards/\[slug\].html](https://mahmood726-cyber.github.io/africa-e156-students/[group]/dashboards/[slug].html)

Code:[https://github.com/mahmood726-cyber/africa-e156-students/tree/main/\[group\]/code/\[slug\].py](https://github.com/mahmood726-cyber/africa-e156-students/tree/main/[group]/code/[slug].py)

AI Transparency: This paper was drafted with AI assistance.
The author rewrote, verified, and takes full responsibility for the final content.

References

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