



Reporting of studies Conducted using Observational Routinely-collected health Data (RECORD) framework in clinical research on dengue: Protocol for a scoping review

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Declaration of Conflict of interest

The authors declare that they have no conflict of interest in relation to this work. We have not received funding or support for research, nor have we had any professional relationship with the pharmaceutical industry or entities that could influence the results or interpretation of the data in this scoping review.

This research was carried out independently and free of external influences that could compromise its objectivity or scientific integrity.



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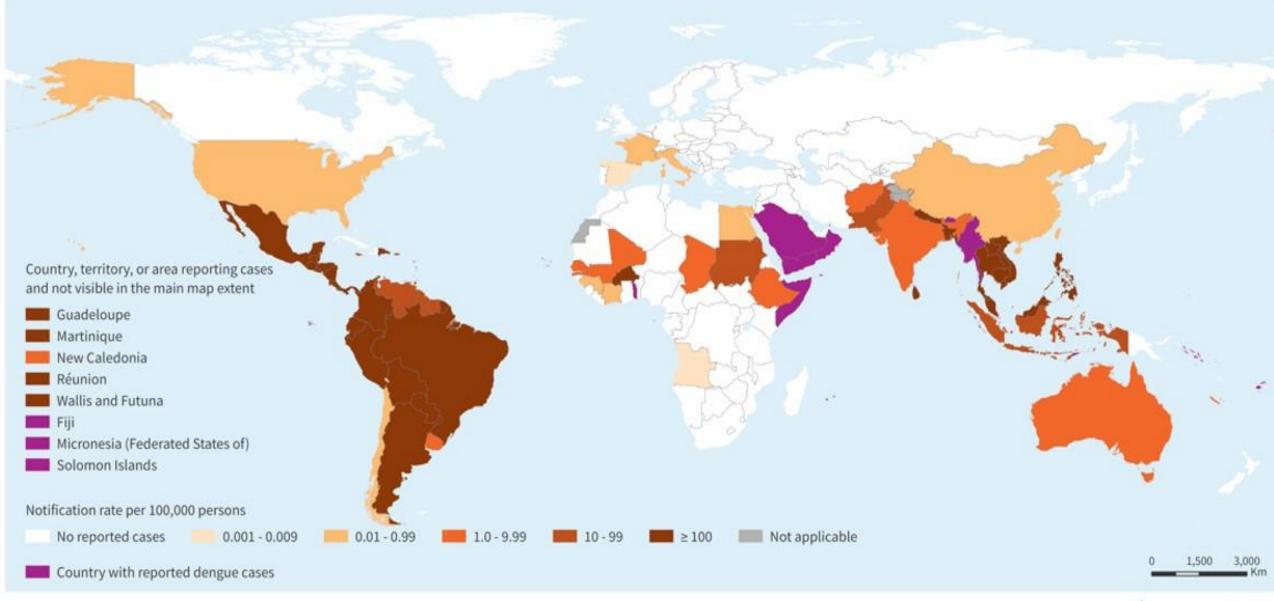
INTRODUCTION

What is Dengue?

- Also known as "break-bone fever"
- Cases rose from 505,430 in 2000 to 5.2 million
 in 2019 (2)
- WHO emphasizes the importance of conducting research (successful interventions).







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Data Source: World Health Organization, European Centre for Disease Prevention and Control Map Production: WHO Health Emergencies Programme

Map Date: 8 December 2023



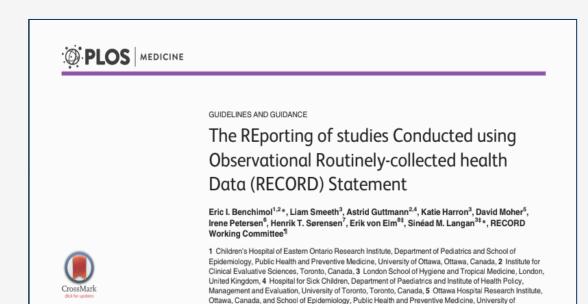
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Research challenges (among others...)

5 Effective public-**Data limitations** Address these Need for Inconsistent health inconsistencies guideline reporting strategies

The RECORD Framework

- The RECORD framework addresses issues in **research quality**.
- It improves reporting in studies using routinely-collected healthcare data.
- The goal is to enhance confidence in study results for better clinical decision-making.
- RECORD ensures more reliable data, especially important for dengue research.
- Better reporting leads to stronger public health interventions and policies.



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Our study proposal

 AIM: to analyze dengue research quality using the RECORD framework

Purpose: Strengthen evidence for public health decisions (b)

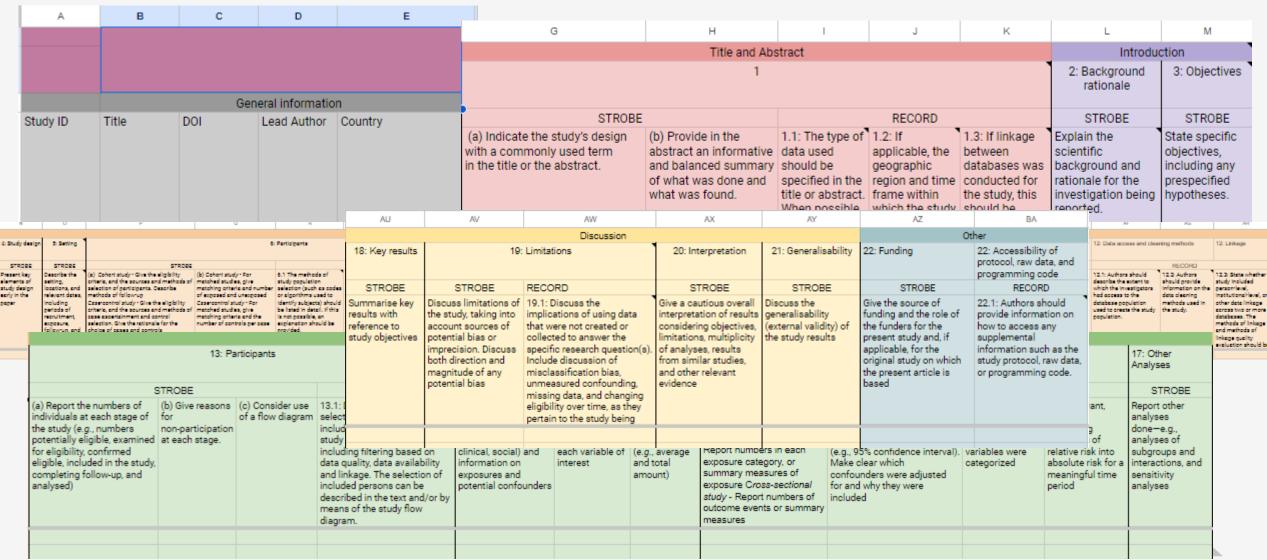




METHODS: SCOPING REVIEW &

Eligibility criteria	PCC framework: What is the quality of reporting (CONCEPT) in studies on dengue (POPULATION) conducted using routinely collected data (CONTEXT), as assessed through the lens of the RECORD framework?
Information sources	MEDLINE and Embase(Ovid); LILACS (Bireme), from inception to date
Selection of sources of evidence	Observational studies
Data charting process	Extract key data on how they align with the RECORD framework

Data extraction sheet... WIP 🛞



CONCLUSIONS (use and criticize)

- The RECORD framework can improve dengue research by enhancing reporting standards.
- Preliminary analysis shows some adherence to guidelines, but gaps remain.
- Addressing these gaps will lead to more reliable research and better public health outcomes.







Thanks

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