

Frugal Innovation in Healthcare: Global Research Trends, Emerging Themes, and Implications for Indonesia

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Abstract

Healthcare systems worldwide are facing increasing challenges related to affordability, accessibility, and resource limitations. In response to these challenges, frugal innovation has emerged as an alternative innovation approach that emphasizes simplicity, affordability, and efficient resource utilization while maintaining essential functionality. Although research on frugal innovation has expanded significantly over the last decade, studies focusing specifically on the healthcare sector remain fragmented and lack comprehensive synthesis.

This presentation draws on an ongoing research project that employs a Bibliometric-Systematic Literature Review (B-SLR) approach to map and synthesize the literature on frugal innovation in healthcare. By integrating bibliometric analysis with systematic literature review techniques, the study aims to identify publication trends, influential research streams, dominant themes, theoretical foundations, methodological approaches, and future research opportunities.

Building on global evidence, this presentation examines the relevance of frugal innovation for addressing healthcare challenges in Indonesia. As an archipelagic country characterized by geographical diversity, unequal healthcare access, and resource constraints across regions, Indonesia provides a fertile context for exploring affordable, context-sensitive, and inclusive healthcare innovations. The presentation highlights how frugal innovation can contribute to improving healthcare accessibility, strengthening service delivery in underserved areas, and supporting the development of sustainable healthcare solutions. It also discusses potential opportunities for future research, policy development, and healthcare practice within the Indonesian context.

By bridging global scholarly developments with the realities of Indonesia's healthcare system, this presentation seeks to stimulate discussion on how frugal innovation can contribute to more accessible, equitable, and sustainable healthcare services in emerging economies.

Keywords: Frugal Innovation; Healthcare Innovation; Bibliometric Analysis; Systematic Literature Review; Healthcare Accessibility; Inclusive Innovation; Indonesia.