



Theory  
into  
practice

# ARTICLE

## FROM THEORY TO PRACTICE: GROUNDING CLINICAL HYPOTHESES IN REAL-WORLD CARE

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Traditional biomedical research frequently begins in a controlled laboratory environment. While this approach is essential for basic science, it often creates a "relevancy gap" when attempting to translate theoretical findings into routine clinical practice. This "bench-to-bedside" model assumes that evidence generated in an idealized, theoretical setting will remain effective when applied to complex, diverse patient populations in the real world.

## THE PRACTICAL DISCONNECT

The linear model of research—starting in the lab, moving to highly controlled clinical trials, and finally to the clinic—often fails to account for the variables present in daily medical practice. Consequently, many interventions that show promise in a theoretical setting do not achieve the expected outcomes when implemented across varied health systems. This lack of practical grounding contributes to the high failure rate of translating research into widely adopted evidence-based practices.

## THE CIRCLE DATASET INTERVENTION: PRACTICE-GROUNDED SEQUENTIAL HIERARCHY

A primary feature of the **Circle Platform** is its **Sequential Hierarchy of Value**, which fundamentally reorders the research process by starting with a Clinical Hypothesis originating from actual medical practice.

Unlike traditional models, the process begins with a specific scientific or health equity objective identified by clinicians working in real-world settings. This ensures that the research is designed to solve actual clinical needs from its inception. Because the subsequent **Observational Protocol (OP)** is built upon this practice-grounded hypothesis, the resulting data capture is inherently aligned with the operational realities of the clinic. This architectural shift ensures that the evidence generated is not only scientifically rigorous but also immediately relevant and applicable to the healthcare executives and providers tasked with improving patient outcomes.

Download RegenMed white paper [“Bridging The 17 Years Evidence to Practice Gap”](#) to go deeper.

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