

KEY CONCEPTS

Transformative simulation

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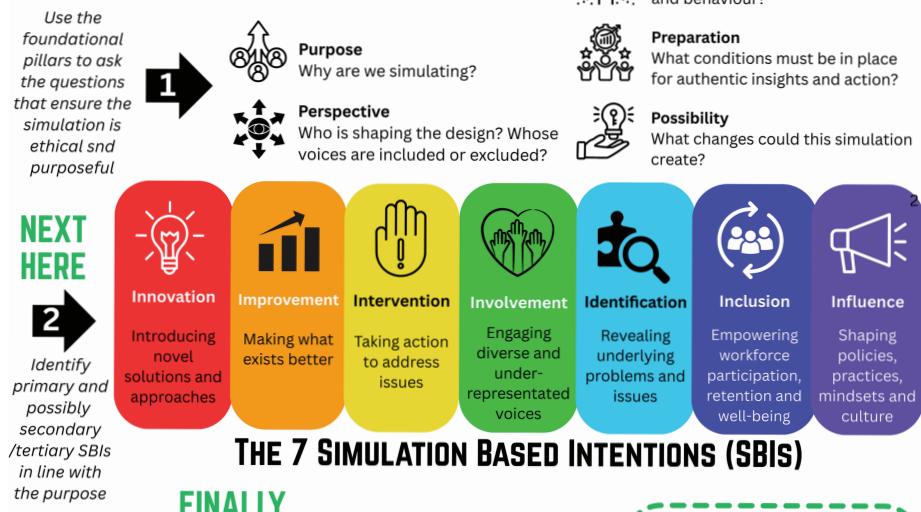
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TRANSFORMATIVE SIMULATION

THE FRAMEWORK

- The Transformative Simulation (TfS) framework provides an overarching, theory-aligned taxonomy that helps simulation designers clarify the purpose, intentions, and system-level aims of their work.
- Grounded in an evidence base drawn from international practice, research, and real-world implementation¹, TfS supports simulation design that is ethical, intentional, and impactful across diverse healthcare settings

START HERE FIVE FOUNDATIONAL PILLARS



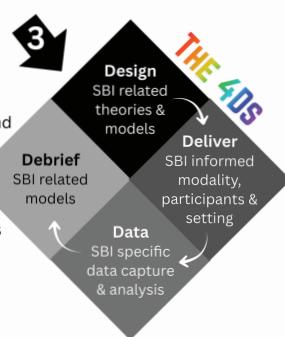
THE 7 SIMULATION BASED INTENTIONS (SBIS)

FINALLY

Use SBIs to inform 4Ds

THE 4Ds PROCESS

- Design:** Grounded in relevant theory and transformation principles using the select-abstract-re-present model³
- Deliver:** Inclusive, context-specific approaches using appropriate methods and modalities
- Data:** Captures emerging valuable, actionable, cultural and system-level data to inform change
- Debrief:** Uses models that foster collective insight and extrinsic change-oriented reflection



WHY IT MATTERS

- Aligns purpose, intentions, and design, making the impact pathway clear from the outset
- Integrates insights from across human factors, systems thinking, social sciences and more to inform meaningful change through simulated methods
- Enables system-level complexity to be embraced, allowing deeper insights to emerge

REFERENCES

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Competing interests

The author declares no competing interests.