Effective Treatment Strategies and Models for Addressing Stimulant Use Disorders:
An Implementation Science Perspective

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Treating Stimulant Use Disorders

1. No Evidence-Based Medications!

2. Matrix Model is the established go to therapy model.

3. Contingency Management has shown recent promise.

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Treating Stimulant Use Disorders Requires:

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2. Matrix Model is the established go to therapy model.

3. Contingency Management has shown recent promise.

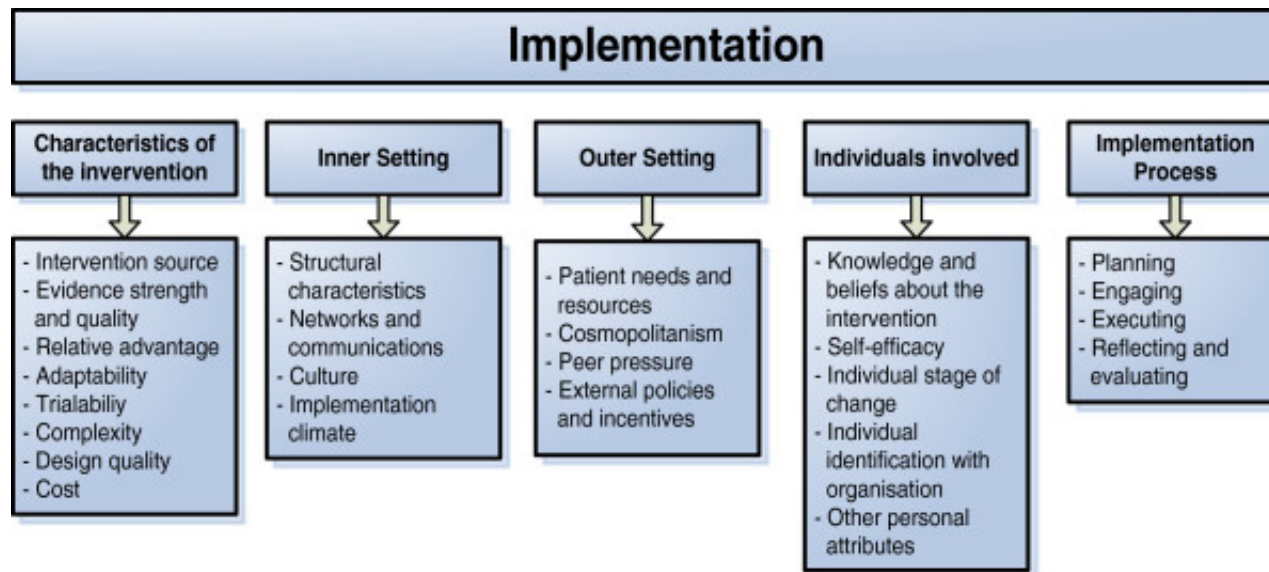4. BOTH REQUIRE A SERIES OF CLINICAL & ADMINISTRATIVE CHANGES

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Why Implementation Science?

1. We all want to provide better care.

2. We have clinical evidence-base practices, "But, what are the administrative evidence-based practices."

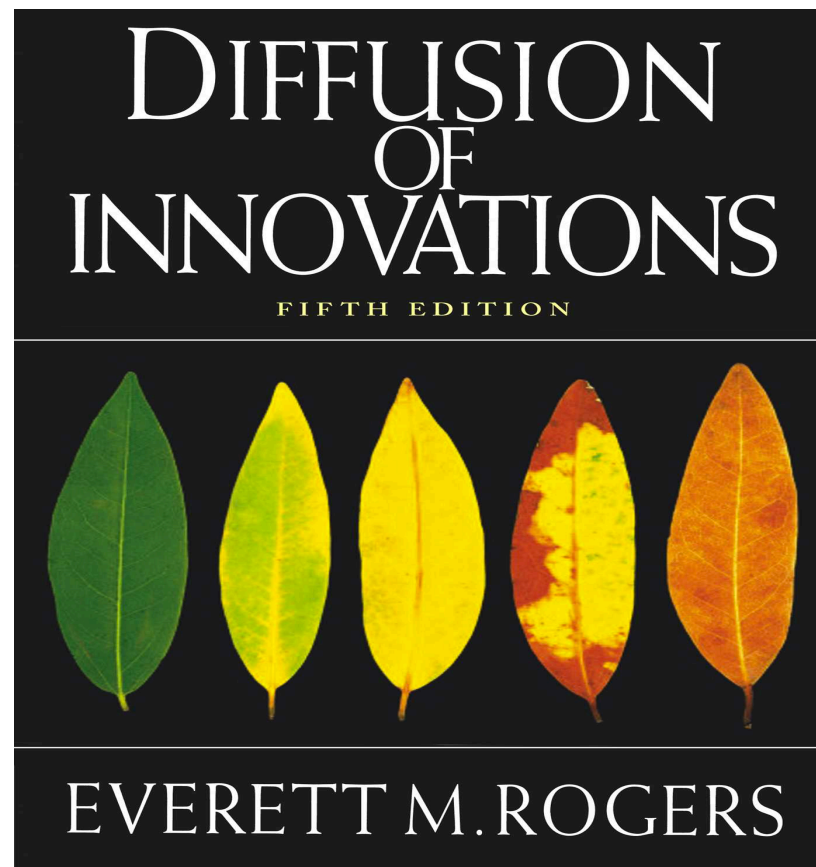3. Large gap between evidence-based care and actual care.

Why the gap?

CFIR Model: Damscroder et al, 2009

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Diffusion of Innovations

Characteristics of the Innovation

- Simple, Simple, Simple (Avoid Complexity)

- Relative Advantage (Use Data)

- Trialability ⟷ Adaptability

- Observability (Observe & Be Observed…to learn)

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Inner Settings

Leadership Roles (*Can be served by one or many*)

- Executive Mandate

- Benefit of Champion (Cheerleader)

- Use of a Change Agent

Individuals Involved

- Knowledge = Training

- Skills = Self-efficacy

- Find & cultivate champions

Individuals Involved, continued

Who is delivering the message? (An Expert? Or Someone Like Them?)

Approaches to use:

- Academic Detailing

- Motivational Interviewing

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Implementation Process:
Patient Perspective

One must first learn by doing, for though you think you know it, you have no certainty until you try.

Sophocles

- Conduct walk-throughs or patient simulations.

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Implementation Process: Change Proce

Use a structured change process (Saldana – Stages of Implementation)

1) Engagement, 2) Consideration of Feasibility, 3) Readiness Planning, 4) Staff Hired and Trained, 5) Fidelity Monitoring in Place, 6) Services and Consultation Begin, 7) On-going Services, Consultation, Fidelity, Feedback), and 8) Competency

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Implementation Process

- Learn from others – when possible

- Set targets (implementation & performance)

- Collect data on progress

- Use pilot tests.

Summary

- Implementation is a science

- Not always easy, but can be made easier

- Reduce barriers caused by innovation characteristics, individual beliefs and skills, organizational processes, and implementation approaches.