Evidence and Theory in Support of Guideline Implementation

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Definition of Learning

“[Learning means] acquiring knowledge and skills and having them readily available from memory so you can make sense of future problems and opportunities.”

To what extent is learning the solution to the challenge of guideline implementation?
### Examples of Interventions

#### Educational
- Educational meetings
- Academic detailing
- Performance measurement and feedback of patient care data
- Practice facilitation

Patient-mediated interventions too!

#### Administrative
- Clinician reminders
- Standing orders
- Pay-for-performance (P4P)
- Team care and practice redesign
- Performance improvement
Reasons Why Interventions Work (and Strategies to Accomplish Them)

• Relevant (Needs assessment)
• Intensive (Multifaceted interventions)
• Logical (Sequencing)
• Engaging (Interaction)
• Encouraging (Commitment to change)

Expanded Outcomes Framework

• Level 7: Community Health
• Level 6: Patient Health
• Level 5: Performance
• Level 4: Competence

Implied aspects of Levels 2-4:

• Level 3b: Procedural Knowledge
• Level 3a: Declarative Knowledge

• Level 2: Satisfaction
• Level 1: Participation

Learning Science Strategies

• Distributed learning
• Retrieval practice
• Interleaving
• Elaboration

Sources:
Thank you!

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