Implementation Research: Scale-Up and Scale-Out

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Adaptation—Nucleus of Scaling

Adaptation Examples
- Who delivers the intervention; fit with other interventions; financing source
- Age-appropriateness; health literacy; responsive to individual needs; comorbid conditions
- Number of sessions; dose; technological format; session length
- Cultural sensitivity; imagery used; consistency with belief system
- Core components of intervention identified through testing; mechanisms of action

Sources of Intervention Adaptation
- Intervention
- Service Setting Adaptations
- Target Audience Adaptations
- Mode of Delivery Adaptations
- Cultural Adaptations
- Core Components

Chambers and Norton, 2016
Challenges → Opportunities

- Low awareness
- Challenging geographic access
- Availability of medications
- Burden of medical records
- Insufficient human resources
- Affordability

- Community-based testing
- Decentralization of services
- Revolving fund pharmacy
- Health IT/EMR
- Task redistribution
- Innovative care delivery models
- Universal health coverage

Vedanthan et al. (2015) Global Heart
The Primary Integrated Care for 4 Chronic diseases (PIC₄C)

- Level 6: COEs for care of complicated cases, advanced procedures, advanced diagnostics, development, updating, and roll out of care guidelines, mentorship, and research generation/coordination.
- Level 4 & 3: Mini COEs for care procedures, diagnostics, development, updating, and roll out of care guidelines.
- Level 3: CO’s/Nurses/Nutritionists/Pharm Techs
- Level 2: Nurses
- Level 1: Grass-root workers/CHW/PHCT Counselor

Health Information System and Provider Training

Monitoring & Evaluation

Activated community informing policy
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AIMS

1. Explore perceived barriers and facilitators to prevention and management of select NCDs at the primary health care level

2. Describe the process of implementation of the integrated care model for the 4 NCDs

3. Evaluate the effectiveness of the integrated care model

4. Estimate the incremental cost and budget impact of scale up

Great things in life are never done by one person, they are done by a team of people.

Steve Jobs
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Chambers and Norton, 2016
Adaptation and Variation

[Diagram showing various ITVs (ITV_a, ITV_b, ITV_c, ITV_d, ITV_e, ITV_f, ITV_g) with labels for 'Positive Deviance' and 'Program Drift'.]

Chambers and Norton, 2016
THANK YOU