5 Level Measurement Set Selection

Level I: User: Audience and Purpose

[e.g. Policymakers, Payers, Providers, Families, Consumers; Use for surveillance, accountability, improvement, engagement, etc.]

Level II: Aims: Broad and Specific Outcomes Seeking to Influence

[e.g. Healthy Development, Staying Healthy, Getting Better When Sick, Living Well With Illness Managing Transitionsl

Level III: Target Population

[Developmental, risk group]

Level IV: Action Factors; Theory of Change

[Protective & Risk Factors; Process and Policy Requirements]

Level V: Unit of Analysis & Influence

[Geographic area, program, clinic, etc.]

Foundation:

Stakeholder and Expert Derived Design-Based and Outcomes Based Goals, Premises, Principles and Review Process, Parameters, Periodicity. Leverage "strength of weak ties". 6 Stage Measurement Development Process

Stage 1:

Establish measure/set theoretical framework and relevance

Stage 2:

Starting point measurement proposal for stakeholder, cost & feasibility review

Stage 3:

Specify methods options, issues; design field test

Stage 4:

Conduct field test, including reporting and communication model(s)

Stage 5:

Refine measure(s) specifications for each application & reporting criteria

Stage 6:

Document scientific & technical methods, implementation, dissemination & maintenance requirements

7 C's Measurement Review Criteria

Criteria 1:

Relevant and Meaningful

Criteria 2:

Based on Best Evidence

Criteria 3:

Demonstrated validity and reliability using appropriate methods

Criteria 4:

Actionable policy, program, intervention strategies available or advanced with measurement

Criteria 5:

Feasible (value-based) data collection and reporting strategies

Criteria 6:

Parsimony and added value

Criteria 7:

Clear requirements for sustaining measure use, maintenance & improvement over time 6 M's Measurement Implementation and Improvement Framework

Model:

Use-case specific measure matrix and conceptual, logic and change model

Measures:

Detailed specifications for each use-case

Methods:

Detailed methods for implementing methods for each population and setting case

Messages:

Data scoring, grading, reporting format and messages (specific to user/audience and purpose)

Meaning:

Confirm meaning made from measures and adapt methods, messages as required

Maintenance:

Establish credible & sustainable resources & process for routine review & to support consideration of measures by researchers, endorsing bodies and new and existing users.

Learn, publish, build field capacity to ensure progress