Using evidence-based recommendations for guidance, guidelines and scale-up strategies

Ian Askew
Population Council

Follow this and additional works at: https://knowledgecommons.popcouncil.org/departments_sbsr-rh

Part of the International Public Health Commons, and the Quantitative, Qualitative, Comparative, and Historical Methodologies Commons

Recommended Citation

This Presentation is brought to you for free and open access by the Population Council.
Using evidence-based recommendations for guidance, guidelines and scale-up strategies

Ian Askew
Population Council

Second Consultation on Developing Standards for Identifying Evidence Based Practices in Reproductive Health

Croydon, UK, September 18th – 19th 2013
Framing evidence for developing recommendations

“A global health evidence framework [is] one which uses multiple domains to arrive at a summary judgment of the evidence for community or population health interventions or programs”

Luoto et al, 2013
Why use a framework?

- Systematic and rigorous
- Transparent procedures
- Summary judgment
- Rating across multiple domains
  - Quality, quantity, relevance, consistency, context….
- Focus on evidence of effectiveness of an intervention
  - Other attributes?
  - Types of intervention?
Multiple frameworks – multiple judgments?

- Compared 3 interventions
  - Household water chlorination to prevent diarrhea
  - PMTCT of HIV
  - CHWs to reduce childhood morbidity

- Applied six evidence frameworks

- Comparison of summary judgments after rating the evidence

  ⇒ Variability in grades assigned, sometimes by two or more categories
Why the differences?

- Which domains included and how rated:
  - Classifying strength of evidence
  - Magnitude of benefits vs. harms
  - Consideration of context
  - Implementation procedures
  - Feasibility
  - Costs
  - Sustainability

- Inter-rater reliability
Types of evidence summaries and relevance of domains

- Efficacy of an intervention in meeting health needs of the individual / couple
  - Service delivery guidelines

- Effectiveness of delivering interventions at the population level
  - Delivery programming guidance

- Sustainability at national / programme level
  - Systems strengthening and scale-up / mainstreaming
Interventions, evidence frameworks and recommendations

- Classifying and comparing interventions; asking the right research questions
  - Intervention characteristics?
  - Population needs?
- Systematic – rigorous – realist review process?
- Grading / rating the evidence according to which domains; weighting the domains?
- Determining a summary judgment
- Preparing and communicating a practice recommendation

⇒ One or multiple frameworks? Or none?
Using evidence for practice recommendations: Who uses which framework? Or procedure?

- **Globally**
  - Norm-setting bodies: WHO, FIGO, UNFPA
  - Large donors: DFID, USAID, BMGF
  - Large INGOs: IPPF, MSI, PSI

- **Nationally**
  - MOH (with support from....???)
  - Professional associations
  - Medical training institutions