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Case Study: TB GOAL

Defining the Evidence Practice Gap in Behavioral Terms

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Objectives

- Review BCW Worksheets 1-3
- Complete worksheets using TB GOAL study as an example

Worksheet 1:

Define the problem in behavioral terms

- Goals
 - Specify the behavior change needed to close the evidence-practice gap you seek to address
 - Specify individual, group or population involved in the behavior
 - Specify where behavior takes place

What behavior?	
Where does the behavior occur?	
Who is involved in performing the behavior?	

TB GOAL: Behavior change of interest

- Problem: Low TB case detection
- Evidence-Practice Gap: Poor quality of TB evaluation

What behavior?	Follow guidelines for TB evaluation
Where does the behavior occur?	Level IV Health Center
Who is involved in performing the behavior?	Health center staff: Registration clerk, clinical officer/nurse, lab technician, pharmacist, TB focal person

Worksheet 2

Select the target behavior(s)

- Generate list of candidate target behaviors involved
- Prioritize which target behavior(s) you will address
 - How much impact will changing the behavior have?
 - How likely it is that the behavior can be changed?
 - Will there be a positive or negative impact on other, related behaviors?
 - How easy it will be to measure the behavior?
 - Rate each as: **unacceptable, unpromising but worth considering, promising, very promising**

- Candidate target behavior(s)
 - Refer patients with at least 2 weeks of cough for sputum microscopy
 - Counsel patients on importance of completing microscopy
 - Patient provides two sputum specimens and collects smear results
 - Initiate treatment for all smear-positive patients
 - Track and follow-up patients who are lost to follow-up

Potential target behaviors	Impact	Ease of change	Spillover	Measurement
Refer	V. Promising	Promising	V. Promising	V. Promising
Counsel	Promising	Consider	Promising	Consider
Patient	V. Promising	Consider	Promising	V. Promising
Treat	V. Promising	Consider	Consider	V. Promising
Track	Promising	Unacceptable	Consider	Consider
Record selected target behavior(s) here:	Refer, Patient, Treat			

Worksheet 3

Specify selected target behavior(s)

Target behavior	
<i>Who</i> needs to perform the behavior?	
<i>What</i> do they need to do differently to achieve the desired change?	
<i>When</i> do they need to do it?	
<i>Where</i> do they need to do it?	
<i>How often</i> do they need to do it?	
<i>With whom</i> do they need to do it?	

Target behavior	Refer for sputum smear exams
<i>Who?</i>	OPD clerk or clinician/nurse
<i>What?</i>	Recognize patient with >2 wks cough is a TB suspect Fill out sputum testing referral form Provide form to patient and send to lab
<i>When?</i>	After cough screening/During clinical encounter
<i>Where?</i>	OPD desk/clinical interview room
<i>How often?</i>	Every time encountering a patient with chronic cough
<i>With whom?</i>	Patient

Target behavior	Initiate treatment if smear-positive
<i>Who?</i>	Clinician and pharmacist
<i>What?</i>	Identify patient as being smear-positive Send patient to pharmacist Provide treatment counseling Register and initiate appropriate treatment
<i>When?</i>	Patient presents to clinic
<i>Where?</i>	OPD desk/clinical interview room/pharmacy
<i>How often?</i>	Every time encountering a smear-positive patient
<i>With whom?</i>	Patient, TB focal person

Summary

- Steps 1-3
 - Define behavior change problem leading to evidence-practice gap
 - Select target behaviors to address
 - Specify details of selected target behaviors
- Small Groups (90 minutes, including tea)
 - 30 minutes for each worksheet
 - Each group member fill out sheet (5-10 min)
 - Discuss sheet with rest of the group (20-25 min)

Evaluations

- Check your email for a link to complete brief online evaluations for Day 1
- Please complete before you leave for the day!!