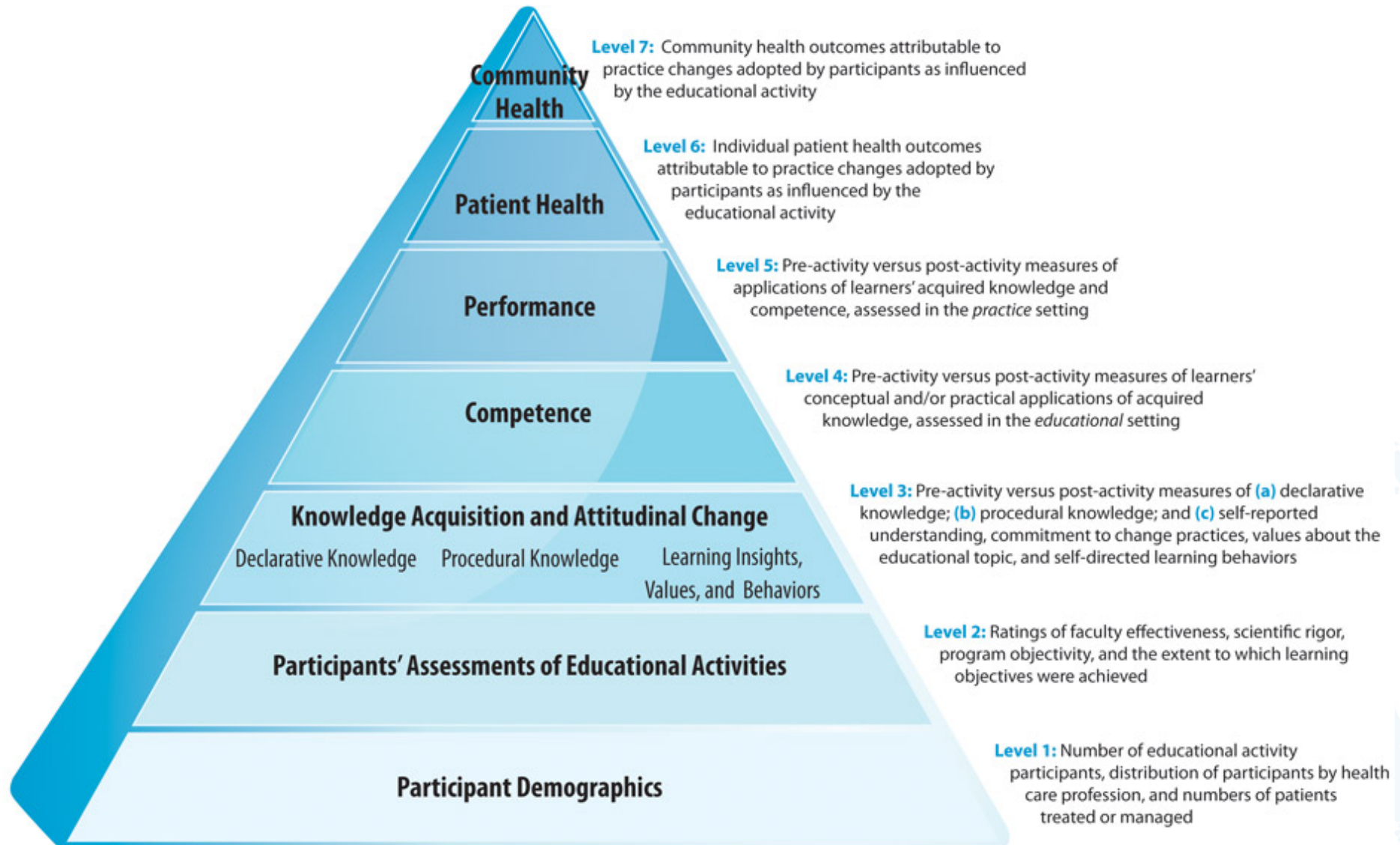


Capacity building for smoking cessation training in Latin America: expanding the work of Global Bridges

Sept. 1st 2014 to Aug. 31st 2016
Grant Award Number 13520941

Moore Model in medical education: how to measure results



Global Bridges LA 2014-16

Project Objectives:

1. Develop a tobacco cessation curriculum for Train-the-Trainers (TT) adapted to the region and consistent with the WHO guidelines to strengthen health systems in including tobacco dependence treatment in primary care.
2. Provide TT training and create training teams in healthcare institution with which we partners
3. Provide tobacco cessation training (TCT) in collaboration with partners

Material:

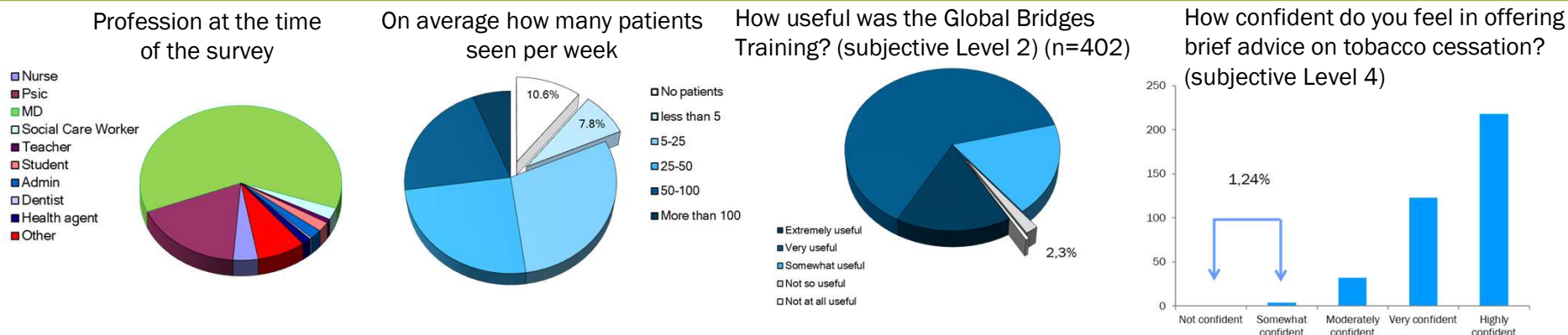
1. WHO “Strengthening health systems in tobacco dependence treatment in primary care” (PAHO Spanish translation)
 - a. Part III: Training primary care professionals: brief interventions for smoking cessation;
 - b. Part IV: Training of future trainers: including adult education techniques in training.
2. Global Bridges Training Evaluation form

Principal results

1. TT: 71 trainers to provide training in tobacco dependence treatment in primary care.
2. TCT: 585 health agents trained to provide brief advice.
3. 2.1 training sessions per partner organization.

Estimating impact of training

Global Bridges LA Training Survey 2016.: sample size 400 of 1,915 population, Response rate (56%)
26 questions: Demographics, confidence in abilities and cessation training



Estimated number of smokers assisted per healthcare professional in the one year after training

	Smokers assisted per day	Smokers assisted per year	Cessation Brief advice (80%)	Quit Smoking with Brief Advice	Cessation Intensive Counseling (69%)	Quit Smoking with Intensive Counseling	Total Number that Quit Smoking Per HCW
Lower CI	1.6	600.6	480.5	12.0	323.2	38.8	50.8
Mean	2.1	788.3	630.6	15.8	424.2	50.9	66.7
Higher CI	2.6	975.9	780.7	19.5	525.3	63.0	82.5

CI: Confidence Interval; HCP: Healthcare professional

Assumptions

	Data	Source
Healthcare Professionals trained by Global Bridges	1,564	Data base
Brief Advice	80%	2016 Survey
Intensive counseling	69%	2016 Survey
Quit rate with Brief Advice	2.50%	Cochrane
Quit rate with Intensive Counseling	12.0%	Cochrane

50,799 smokers quit during the year after training, based on 1,564 professionals trained through the GBLA program, survey data, and quit rates from Cochrane Review.

Summary

- The 2014-2016 program was effective in terms of results according to the Moore model levels 3^a (declarative knowledge), 3b (procedural knowledge) and 4 (confidence in abilities).
- WHO Building Capacity for Tobacco Control package, Parts III and IV, were found to be appropriate and applicable to train trainers and health agents in tobacco cessation.
- Estimated impact based on intervention modeling in tobacco cessation and information provided by those trained (Level 5) suggests a significant population impact.
- Using existing healthcare system infrastructure to provide training is a more sustainable method of providing tobacco cessation training vs earlier GB training mechanisms (congresses, events)