

Title: A patient-centered tuberculosis care model for resource limited settings

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Post 2015; the integrated patient-centered care (PCC) is among one of the three recommended pillars to end tuberculosis (TB). However, limited number patient-centered TB (PC-TB) care model are that would fit with the context of TB exist particularly for developing countries. The study aimed to develop a patient-centered tuberculosis (TB) care model that will support the TB care delivery for resource limited settings. The study included 601patients with TB, 25 persons lost to follow-up and 23 TB experts in Addis Ababa, Ethiopia. Exploratory factor analysis, and logistic regression were run using Statistical Package for Social Science (SPSS) version 21.0 for Windows for quantitative data and thematic analysis was used for qualitative data analysis. Deductive and inductive reasoning model-building process was followed to identify construct of the model and substantiated by literature. The model's constructs are summarized into patient, Health Care Providers (HCP), Health Care Organization (HCO), TB care delivery and Community domains. The domains embraced in structural, individual and outcome compartments with intricate interaction each other's. The individual compartment includes patient and HCPs domains while structural compartment included HCO, TB care delivery system and Community domains. Better treatment outcome, reduced cost to the patient and increased patient satisfaction domains are contained in the outcome compartment of the model. The compartments are directed by TB care policy direction and tied with suggested monitoring and evaluation indicators. The study proposes a PC-TB care model that would support the patient centeredness of TB care delivery in resource limited settings. Thus, the proposed model needs to be practiced and evaluated for its performance toward increments of favourable treatment outcome, patient satisfaction, treatment adherence and reduce cost to the patients.

Biography

Belete Getahun has completed his PhD at University of South Africa. He has more than 22 years public health practices in developing countries and directed number of projects. He has published more than 20 papers in reputed journals and has been serving as an editorial board member of PLOS One, Ethiopian Journal of Health Science, .

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