

Social Ecological Model for Parents Associated with the Schistosomiasis (Kichocho) School-based Intervention

Level	Who do we want to change	What do we want to change	Behavioral Construct to influence	Intervention Approach	Change Agents	Trainings for Change Agents
Individual	Parents	Learn about kichocho Perceive threat/severity Understand the blood fluke Understand long-term consequences Increase health seeking behaviors for kichocho Swallow MDA tablets Encourage children and others to swallow MDA tablets Engage their children when talking about kichocho instead of scolding Find alternatives to having children go into contaminated water for chores Urinate in toilet/bush Wash laundry with tap water or not standing in the river Seek treatment for child sick	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Self-efficacy (HBM/SCT) Skill building (HBM/SCT) Outcome expectancies (SCT) Access to laundry platforms and other structural interventions Access to MDA	Regular school visits Small group meetings PTA meetings Community education meetings Community Chief's meeting Disease lectures Demonstrations Interactive activities Role modeling	NTD Team Teachers PHCU near school School Committee members Madrassa teachers MDA DD	Science-based disease (dispel myths) Science-based Behavior change Science-based Communication MDA talk Demonstrations Interactive activities Blood Fluke
Interpers.	Parents Everyone else in household Extended family, neighbors, and social networks	Learn about kichocho Perceive threat/severity Understand the blood fluke Understand long-term consequences Increase health seeking behaviors for kichocho Swallow MDA tablets Encourage children and others to swallow MDA tablets Find alternatives to going into contaminated water Urinate in toilet/bush Wash laundry with tap water or not standing in the river	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Access to materials (HBM) Skills building (SCT) Behavioural capability (SCT) Self-efficacy (HBM/SCT) Outcome expectancies (SCT) Social norms (SN) Access to laundry platforms and other structural interventions Access to MDA	Regular school visits Small group meetings PTA meetings Community Chief's meetings Disease lectures Demonstrations Interactive activities Role modeling	NTD team Trained parents and children Trained School Committee members Trained Madrassa teachers	Science-based disease (dispel myths) Science-based behavior change Science-based communication MDA talk Demonstrations Interactive activities Blood Fluke

		Seek treatment for sick child Participate in school events				
Organiz.	Mosque members Members of organizations parents, friends and family belong Other parents	Learn about kichocho Perceive threat/severity Understand the blood fluke Understand long-term consequences Increase health seeking behaviors for kichocho Swallow MDA tablets Encourage children and others to swallow MDA tablets Engage Mosque members about kichocho Encourage Mosque to find alternatives to going into contaminated water Urinate in toilet/bush Wash laundry with tap water or not standing in the river Seek treatment for sick child Participate in school events	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Access to materials (HBM) Skills building (SCT) Behavioural capability (SCT) Self-efficacy (HBM/SCT) Outcome expectancies (SCT) Access to laundry platforms and other structural interventions Access to MDA	Regular Mosque viists Mosque meetings Small group meetings PTA meetings School committee meetings Community Chief's meetings Disease lectures Demonstrations Interactive activities Role modeling	NTD team Trained parents and Children Trained School Committee members Trained members of parents' social networks Trained Madrassa teachers Trained children MDA DD	Science-based disease (dispel myths) Science-based behavior change Science-based communication MDA talk Demonstrations Interactive activities Blood Fluke
Comm.	Other parents Other Mosque members Members of different organizations	Learn about kichocho Perceive threat/severity Understand the blood fluke Understand long-term consequences Increase health seeking behaviors for kichocho Swallow MDA tablets Encourage children and others to swallow MDA tablets Find alternatives to going into contaminated water Urinate in toilet/bush Wash laundry with tap water or not standing in the river Seek treatment for sick child Participate in school events	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Access to materials (HBM) Skills building (SCT) Behavioural capability (SCT) Self-efficacy (HBM/SCT) Outcome expectancies (SCT) Access to laundry platforms and other structural interventions Access to MDA	Mosque meetings Small group meetings PTA meetings School committee meetings Community Chief's meetings Disease lectures Demonstrations Interactive activities Role modeling	NTD team Trained parents and children Trained members of parents' social networks Trained Mosque members Trained members of organizations Trained Schoolteacher MDA DD	Science-based disease (dispel myths) Science-based behavior change Science-based communication MDA talk Demonstrations Interactive activities Blood Fluke