

## The Self Alerting Prevention Model of HIV/AIDS and Its Outcome -- One Year intervention in Longzhou County, Guangxi, China since 2011

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### Abstract

Trying to find the way to halt the fast spreading of HIV/AIDS in the developing county. Method Delivering the information and material of HIV/AIDS by lecturing and posting to let the public know the symptom of HIV/AIDS and the important way to prevent it by self alerting to ensure not doing the unprotected sex with the undergrounded sex worker. Then surveillance to investigate and collect the data on new reported cases about their latency, occupation, marriage status and so on. Comparing the total cases of HIV/AIDS and its latency, occupation, transmission way to illustrate the outcome before and after the self alerting prevention intervention. Results 134 HIV/AIDS cases reported in 2012 and 51 cases less than that 185 in 2011, the decreasing rate 27.6%. Among those reduced 51 cases prevented, 72% was farmers, 100% was those married, 100% was in age of 35~59 years old, 61% was those buying sex with the commercial sex workers, 29% was those latency less than one year newly having sex with the commercial sex workers. The evidence showed focusing on the symptom to let the public know HIV/AIDS is a deadly disease to promote them self alerting prevention was a very effective way to halt the fast spreading of HIV/AIDS in the developing county. Conclusion: In the developing country for the main way to transmission of HIV/AIDS by sex, the self alerting model to delivering the information and material of HIV/AIDS by lecturing and posting to let the public know the symptom of HIV/AIDS so that promoting public self alerting to not have commercial sex or have but using condom is an effective way to stop the fast spreading of HIV/AIDS.

### Biography

Jiatong Zhuo is a professor and deputy director of Guangxi Autonomous Region Center for Disease Control and Prevention. He has spent most of his scientific career in the children vaccine preventable disease. Under his effort, Guangxi Zhuang Autonomous Region reach the goal of polio free in 2000. He created this new strategy to select high risk county with historic surveillance data and carrying mass campaign in the sub-tropic area to get the measles incidence 0.5/million in since 2010 after his finished his public health policy/management study in Emory in 1998 and make the measles elimination in the forefront of China. Dr. Zhuo also was a founder of communicable disease and public health even emergency information delivery and administrative management networks system in Guangxi in 2001 and made the SARS very much timely controlled in the spring of 2003. Dr. Zhuo is the Chinese State Council Special Stipend Awarded scientist and the member of Technical Advise Committee on Immunization of Health Ministry of China.