

Unveiling the structures of HIV and Recommended Policy Levers

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Abstract

HIV is the deadly virus that attacks the immune system of human beings. The source of the disease is highly negated and rejected by the society's norms. So the infected people try to hide the disease and do not find the appropriate policy levers to overcome this challenge. Fear of death and humility in society as a sexually engaged human being is highly rejected and insulted by all concerned. This paper aims to unveil the underlying barriers and to trace the effectiveness strategy at the community level using the mental model. The ultimate goal of this research is to have the system dynamics model to recommend policies based on parametric changings and structural changes. Development of the feedback loops to give insight into the problem understudy and give a clear picture while mentioning the dynamic variables which are interlinked, interdependent, and interrelated.

The proposed model is the blend of authors' own experience working within the hospitals at the national in Yeman Pakistan along with the in-depth study of literature. The mental model based on systems thinking provides a foundation to formulate the System Dynamics Model and design rational polices to create awareness and fear to avoid sexual contact which is on of the powerful instrument for HIV spread. The well-conceived mental model has the potential to propose the appropriate measures to reduce its spread. The policies proposed are on the basis of literature insight and experiential wisdom of the dynamic variables so far.

Keywords: HIV; Mental Modell; Systems Thinking; Policy Design; Yeman.