NAVEEN VAIDYA, York University, 4700 Keele Street, Toronto, ON, M3J 1P3 *Modeling, Analysis, and Contol of the HIV Epidemics in Far Western Nepal*

We present a dynamic transmission model of the HIV epidemics in Far Western Nepal, where high rate of seasonal migration to India has been the most threatening HIV risk factor. In addition to some analytical and simulation results, we discuss the optimal control strategy based on the results of our model.