

AN EPIDEMIOLOGICAL STUDY OF HIV/AIDS ON MIGRANTS PEOPLE IN DANG DISTRICT



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RECOMMENDATIONS

This is to recommend that the thesis entitled “An Epidemiological study of HIV/AIDS on migrants people in Dang district” has been carried out by Karna Bahadur Oli for the partial fulfilment of Master’s Degree of Science in Zoology with special paper Parasitology. This is his original work and has been carried out under my supervision. To the best of my knowledge, this thesis work has not been submitted for any other degree in any institutions.

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DECLARATION

I hereby declare that the work presented in this thesis has been done by myself, and has not been submitted elsewhere for the award of any degree. All sources of information have been specifically acknowledged by reference to the author(s) or institution(s).

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LETTER OF APPROVAL

On the recommendation of supervisor “Dr. Mahendra Maharjan” this thesis submitted by Karna Bahadur Oli entitled “An Epidemiological study of HIV/AIDS on migrants people in Dang district” is approved for the examination and submitted to the Tribhuvan University in partial fulfilment of the requirements for Master’s Degree of Science in Zoology with special paper Parasitology.

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ABSTRACT

The study has attempted to find out the prevalence of HIV/AIDS among the migrants people of Dang district along with Knowledge, Attitude and Practices (KAP). The study was based on blood examination and questionnaire survey. A total of 1,102 blood samples were taken and tested For HIV by Centrifuge and Finger prick method and Rapid kits were used to confirm the result of the test that were recommended by the national HIV testing protocol followed UNAIDS and WHO HIV test surveillance Algorithm Strategy II. Data analysis was conducted using SPSS (version 16) and MS Excel. A total of 150 participants were participated in questionnaire survey. HIV prevalence was found to be 0.64%, among them 1.8% was found among the male population and 0.3% among female population. Maximum of the people were married and female were more participated than male. HIV prevalence was highest among the agriculture occupation (0.36%) and was least in business (0.09%). Migrants and spouse of migrants were infected in the equal ratio (0.27%) though spouse of migrants were high. Maximum of the participants were among the age group 18-34 and most of them had attained lower secondary level education. Maximum (97.3%) respondent knew about the family planning methods and practice of condom use among the married population was also satisfactory (53.3%). Sexual relationship and marital status among participants showed 16% of the participants had sexual relationship outside which signifies vulnerable to HIV infection. The frequently destination countries were Overseas and India. Maximum married female were suffered from STI which may lead to infection such as Syphilis and HIV/AIDS. This study suggests that a much greater effort is needed to promote safer sex and to improve HIV/AIDS, VCT knowledge and services among migrant particularly those who are engaging in risky behaviour.

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LIST OF ABBREVIATIONS

Abbreviated form	Details of abbreviations
AIDS	Acquired Immuno-deficiency Syndrome
ARC	AIDS Related Complex
BDS	Blue Diamond Society
CDC	Centre for Disease Control and Prevention
DACC	District AIDS Co-ordination Committee
DOHS	Department of Health Services
ECDC	European Centre for Disease Prevention and Control
FHI	Family Health International
FPAN	Family Planning Association of Nepal
FSW	Female Sex Worker
FWDR	Far Western Development Region
Gp	Glycoprotein
HIV	Human Immuno-deficiency Virus
ICH	Institute of Community Health
IDU	Intravenous drug Users
IEC	Information, Education and Communication
INF	International Nepal Fellowship
KAP	Knowledge Attitude and Practice
MA	Master of Arts
MARP	More at Risk Population

MoHFW	Ministry of Health and Family Welfare
MOHP	Ministry of Health and Population
MPH	Master of Public Health
MSM	Man having Sex with Men
MWDR	Mid Western Development Region
NACO	National AIDS Control Organization
NCASC	National Centre for AIDS and STD Control
NGO	Non Governmental Organization
NSARC	Nepal STD/AIDS Research Centre
OE	Outreach Educator
PE	Peer Educator
RDT	Rapid Diagnostic Test
SACTS	STD/AIDS Counseling and Training Services
STD	Sexually Transmitted Disease
STI	Sexually Transmitted Infections
TU	Tribhuvan University
UNAIDS	Joint Nations Programme on HIV/AIDS
UNGASS	United Nations General Assembly Special Session on AIDS
UNICEF	United Nations Children's Fund
VACC	Village AIDS Co-ordination Committee
VCT	Voluntary Counseling and Test
VDC	Village Development Committee
WDR	Western Development Region
WHO	World Health Organization