Dissertation Title

"A SYSTEMATIC REVIEW FOR HIV/AIDS DRUG TRIALS IN INDIA"

A dissertation submitted in partial fulfillment of the requirements
for
the award of
Post-Graduate Diploma in Health and Hospital Management

by

Devendra Tanwar
Roll no. - 11



International Institute of Health Management Research
New Delhi -110075
MAY, 2010

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under the guidance of

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Designation: Asst. Professor
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International Institute of Health Management Research
New Delhi -110075
MAY, 2010

Certificate of Internship Completion

Date: ……..

TO WHOM IT MAY CONCERN

This is to certify that Devendra Tanwar has successfully completed his 3 months internship in our organization from February 1, 2010 to April 30, 2010.

We wish him good luck for his future assignments.

(Signature)
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Certificate of Approval

The following dissertation titled **"A SYSTEMATIC REVIEW FOR HIV/AIDS DRUG TRIALS IN INDIA"** is hereby approved as a certified study in management carried out and presented in a manner satisfactory to warrant its acceptance as a prerequisite for the award of **Post- Graduate Diploma in Health and Hospital Management** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein but approve the dissertation only for the purpose it is submitted.

Dissertation Examination Committee for evaluation of dissertation

Name	Signature
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Certificate from Dissertation Advisory Committee

This is to certify that **Devendra Tanwar**, a participant of the **Post- Graduate Diploma in Health and Hospital Management**, has worked under our guidance and supervision. He is submitting this dissertation titled **"A systematic review for HIV/AIDS Drug Trials in India"** in partial fulfillment of the requirements for the award of the **Post- Graduate Diploma in Health and Hospital Management**.

This dissertation has the requisite standard and to the best of our knowledge no part of it has been reproduced from any other dissertation, monograph, report or book.

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ABSTRACT

Background

India is one of the largest and most populated countries in the world, with over one billion inhabitants. Of this number, it's estimated that the prevalence of HIV/AIDS in India is 0.3% (2.31 million). A lot of researches are going on to develop effective HIV/ AIDS drugs to prevent this epidemic of HIV/AIDS.

Methods and Findings

Objective

The main objective of this study is to compile antiretroviral drug trials for HIV in India.

The secondary objectives of this study are

- To find out the proportion of drug trials related to HIV in India
- To delineate the different types of trials for HIV drugs in India.

Methodology-

Design- Systematic Review

Source of Data- Electronic Data Base (Clinicaltrials.gov, CTRI-INDIA, Rx List, PUBMED, INDMED) and reference list of included studies and review published.

Selection Criteria- Drug trials of any drugs listed in anti HIV drug's category by USFDA are included in this study (irrespective to their status whether completed-published, completed & ongoing). This same thing was done for published data for each drug in the list.

Review & Analysis- Review and Analysis was done under the supervision of two independent investigators. Studies grouped under prior category.

Result & Conclusions-

We have found that till Feb 2010, 76 HIV/ AIDS drug trials were in the category of completed and published, 6 completed but not published & 12 ongoing HIV/ AIDS drug trials.

Total 3138 drug trials are registered on clinical trials registry of India from which total HIV/ AIDS drug trials are only 11 and in our study we included only 5. It means India is spending more of its Health Budget sectioned for HIV/ AIDS on prevention part not on Research or development part of new HIV drugs.

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List of Abbreviation

AIDS	**Acquired immune deficiency syndrome**
ART	**Anti retroviral Therapy**
CDC	**Centre for Disease Control & Prevention**
CDSCO	**Central drug standard controller of India**
CTRI	**Clinical trial registry of India**
DTAB	**Drug Technical Advisory Board**
HIV	**Human immuno virus**
ICMR	**Indian Council of Medical Research**
IDUs	Injecting drug users
IUCD	**Intra Uterine contraceptive devices**
MDG	**Millennium Development Goal**
NACO	**National AIDS control organisation**
NACP	**National AIDS control programme**
NIH	**National Institutes of Health**
NNRTI	**Non nucleoside reverse transcriptase inhibitor**
UNAIDS	**United Nations programme on HIV/ AIDS**
USFDA	**United States Food & Drug Agency**
WHO	**World Health Organization**