"Assessment of Maternal and Child Health Services at Doon Mahila Hospital, Dehradun."

A Dissertation submitted in partial fulfillment of the requirements for the award of

Post Graduate Diploma in Health and Hospital Management

by

Kavya Sharma



International Institute of Health Management Research

New Delhi 110075

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Under the Guidance of

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May, 2010

Certificate of Internship Completion

Date: 1 May 2010

TO WHOM IT MAY CONCERN

This is to certify that Ms Kavya Sharma has successfully completed her 3 months internship in our organization from February 1, 2010 to April 30, 2010. During this internship, she worked on the project titled "**Assessment of Maternal and Child Health Services at Doon Mahila Hospital, Dehradun**" under my guidance at the Public Health Foundation of India.

She has worked dedicatedly during this period in the various domains of research related to the study. We found her to be hard working and deligent towards her work and her performance has been satisfactory.

We wish her good luck for her future assignments.

Prof Sanjay Zodpey, MD, PhD

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Certificate of Approval

The following dissertation titled **"Assessment of Maternal and Child Health Services at Doon Mahila Hospital, Dehradun"** is hereby approved as a certified study in management carried out 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 for dissertation.

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Certificate from Dissertation Advisory Committee

This is to certify that Ms Kavya Sharma, a participant of **Post Graduate Diploma in Health and Hospital Management,** has worked under our guidance and supervision. She is submitting this dissertation titled "**Assessment of Maternal and Child Health Services at Doon Mahila Hospital, Dehradun**" in partial fulfillment of the requirements for the award of **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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ACKNOWLEDGEMENT

I deem it a sacred duty to thank all those who helped me in the completion of this project. It is an esteemed pleasure to present this dissertation, and I whole-heartedly thank each and every one who helped me in this task.

I am grateful to **Dr Sanjay Zodpey**, my supervisor, **Director, Public Health Education, Public Health Foundation of India and Director, Indian Institute of Public Health, Delhi** for his invigorating help everywhere within this task. I am thankful to him for always inspiring and elevating me to explore the realms of knowledge in all spheres of management and research. His constructive criticism and reviving ideas were extremely precious and helpful during the venture. I extend my gratifications to him for rendering his valuable time and guidance at every stage of this project. I am unanimously indebted to him for having focused my wayward ideas into an organized endeavor.

I am thankful to **Dr GC Baunthiyal, Chief Medical Officer, Dehradun District** for briefing me well with the administrative maneuvers adapted within the study district, **Dr Deepa Sharma, Chief Medical Superintendant, Doon Mahila Hospital** for granting me permission to carry forward the study at the facility, **Mr Laxman Rawat, District Program Manager, NRHM** for providing a deeper insight of the various National programs as they are adapted at the state and the district level.

A special mention to all the participants and the various stakeholders in the study whose uninterrupted contribution has been the key to this research study. I thank one and all for their valuable inputs and suggestions.

I am deeply obliged to **Dr Sandeep Bhalla**, Ex-Associate Professor, IIHMR, New Delhi and **Dr Minakshi Gautam**, Assisstant Professor, IIHMR, New Delhi, my mentors for the dissertation, for their dear counsel and constant support. Their ever so motivating thoughts and suggestions shall be treasured throughout.

Last but not the least; I am honored to have the privilege to thank my family for their unparalleled love and for providing me all the opportunities and amenities I untimely desired for.

Above all, I am gratified to God, for the strength, confidence and everything I have today.

To owe the debt individually would be an endless task.

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Abstract

Promotion of maternal and child health has been one of the most important objectives of the Family Welfare Programme in India. The current Reproductive and Child Health Programme (RCH) was launched in October 1997. The RCH Programme incorporates the components covered under the Child Survival and Safe Motherhood Programme and includes an additional component relating to reproductive tract infection and sexually transmitted infections. The need for bringing down maternal mortality rate significantly and improving maternal health in general has been strongly stressed in the National Population Policy 2000. A review of ages at death during the first 28days reveal that two-thirds of deaths occur in the 1st week of life, and two-thirds of these within the 1st 2 days of life.[1] Thus almost 45% of neonate deaths take place within 48 hrs of birth. The major causes of deaths during this period are birth asphyxia and trauma, problems related to low birth weight (LBW), such as hypothermia, respiratory problems, feeding and peripartum haemorrages and malformations. Most of these problems occur due to inadequate care during the antenatal period and during labour.

Several initiatives have been taken by the Government of India aiming to provide better health care facilities and aid in good health to both the mother and the child. The Reproductive and Child Health program runs exclusively in providing all the interventions in improving the related determinants of Maternal and Child health, which aims at reducing maternal mortality to less than 100 by the 2010. The major interventions includes essential obstetric care and the RCH Programme aims at providing at least 3 antenatal check ups during which weight and blood pressure check, abdominal examination, immunization against tetanus, iron and folic acid prophylaxis as well as anaemia management are provided to the pregnant women. Under the RCH Programme emergency obstetric care, 24-hour delivery services at primary health centres and safe abortion services are also provided. The overall perinatal mortality rate (PMR) in India is still over 50 per 1000 and has shown virtually no decline during the past decade.

The study aims to understanding the various Maternal and Child Health initiatives in the district by assessing the facilities and services delivered at the District Hospital **(Doon Mahila Hospital)**, Dehradun.

[1] Base line survey of Multi centric homebased intervention project of Indian Council of Medical Research, ICMR

The study was carried out between Feb' 10 – April' 10, in the **"Doon Mahila Hospital"** of the Dehradun district in Uttarakhand. It runs exclusively as a separate facility to cater to the Maternal and Child Health needs within the district as well as the state. The city of Dehradun is the provisional capital of the Uttarakhand State, and the Head quarters for the Dehradun district. The facility was therefore identified as it is the major Government facility within the state to address to the MCH needs.

Maternal health is important to communities, families and the nation due to its profound effects on the health of women, immediate survival of the newborn and long-term well-being of the children, particularly girls and the well-being of families. Maternal death and illness have cost implications for family and the community because of high direct and indirect costs, the adverse impact on productivity and the tremendous human tragedy that every maternal or child death represents[2].

Overall, the facility proved to be working at ease and could be adapted as a workable model district hospiltal for the other district of the state to identify, learn and relate with.

[2] Operational guidelines on Maternal and Newborn Health, National Rural Health Mission

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LIST OF ABBREVIATIONS

ANC	Antenatal Care
ANM	Auxiliary Nurse Midwife
ASHA	Accredited Social Health Activist
CHC	Community Health Centre
CMO	Chief Medical Officer
DPM	District Program Manager
FRU	First Referral Unit
IMNCI	Integrated Management of Neonatal and Childhood Illness
IMR	Infant Mortality Rate
LBW	Low Birth Weight
LHV	Lady Health Visitor
MO	Medical Officer
MoHFW	Ministry of Health and Family Welfare
MTP	Medical Termination of Pregnancy
MMR	Maternal Mortality Ratio
NGO	Non Government Organization
NRHM	National Rural Health Mission
NSSK	Navjaat Shishu Suraksha Karyakram
OT	Operation Theatre
PHC	Primary Health Centre
RCH	Reproductive and Child Health
SBA	Skilled Birth Attendant