

FACTORS RELATED TO THE UTILIZATION OF
ANTENATAL CARE AMONG MOTHERS DELIVERED AT
THE REGIONAL HEALTH PROMOTION CENTRE 1,
BANGKOK, THAILAND



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A Thesis Submitted in Partial Fulfillment of the Requirements
For the Degree of Master of Public Health in Health Systems Development

The College of Public Health

Chulalongkorn University

Academic Year 2002

ISBN: 974-9599-07-1

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Thesis Title: Factors Related to the Utilization of Antenatal Care among Mothers
Delivered at the Regional Health Promotion Centre 1, Bangkok,
Thailand.

By: Madhav Prasad Chaulagain

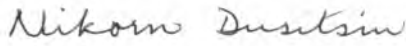
Program: Master of Public Health (Health Systems Development), College of
Public Health


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Accepted by the College of Public Health, Chulalongkorn University, Bangkok Thailand
in Partial Fulfillment of the Requirements for the Master's Degree

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ABSTRACT

ID# PH022334 **Major:** Health Systems Development

Key Words: Antenatal Care / Utilization / Factors

MADHAV PRASAD CHAULAGAIN. **THESIS TITLE:** FACTORS RELATED TO THE UTILIZATION OF ANTENATAL CARE AMONG MOTHERS DELIVERED AT THE REGIONAL HEALTH PROMOTION CENTRE 1, BANGKOK, THAILAND. **THESIS ADVISOR:** ASSOC. PROF. PRAPAPEN SUWAN, PH.D. 97 PP. ISBN: 974-9599-07-1

A hospital based cross sectional study was carried out at the Regional Health Promotion Centre 1, Bangkok, Thailand during 20th January 2003 to 16th February 2003 in order to determine factors related to the utilization of antenatal care services among mothers who delivered recently. The trained interviewers interviewed a total of 110 cases using pre-tested structured questionnaire after considering the inclusion criteria.

The result of the study revealed that the prevalence of antenatal care utilization among mothers was almost cent percent. Number of antenatal visits was ranged between 3 to 11 times with the mean of 8.82 times and mode of 10 times. Normally, the first visit starts in the beginning of second month of pregnancy. The coverage of tetanus toxoid immunization, iron/folate supplement, and required examinations for pregnant women was found tremendously good.

Most of the women were aged between 20-35 years. Majority of them were workingwomen in the private sectors and housewives, and more than 80% were secondary school or above educated. Maximum three parity, majority (77%) having first parity, was also noticed. More than one third of women live in a nuclear family with more than 5000 Baht of monthly earnings. Most of their pregnancy was planned (80%). Mostly, they were helped, encouraged and assisted by their husbands. All of them had positive attitudes, and more than 90% of them had high or average knowledge. The satisfaction with antenatal care services was very good (95%). Nevertheless, there were some specific items, where women's knowledge, attitudes and satisfaction were found low.

Spearman's rho correlation coefficient test was performed to examine the relationships between frequency of antenatal care visits and variables of interest. The test result revealed that the knowledge was positively correlated ($p < .05$), and satisfaction was negatively correlated ($p < .05$). The frequency of antenatal care visit was divided into two groups, 3-8 times and 9+ times, using mean of 8, and then, Chi-square test was performed to see the differences. A significant difference was found between the ANC visits and husband's occupation ($p < .05$), and ANC visits and family income ($p < .05$).

A special program for creating awareness and appropriate knowledge should be included in the regular health education programme in order to make women clear on their traditional misunderstandings related to the pregnancy and antenatal care. Such types of program need to be focused to the husbands as well.

Program: Public Health
Field of study: Health Systems Development
Academic Year: 2002

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Advisor's signature: *Prapapen Suwan*

ACKNOWLEDGEMENTS

This is the first product I have ever produced as a book like format. It took a lot of efforts and time to come up with this thesis entitled “Factors Related to the Utilization of Antenatal Care Among Mothers Delivered at the Regional Health Promotion Centre 1, Bangkok, Thailand.” If this thesis meets what it should, it’s because of my advisor, Assoc. Prof. Prapapen Suwan’s guidance, insights and encouragement. So, my deepest gratitude goes to her at first.

There were many others, whose contribution was the spirit of this accomplishment. I would like to take this precious opportunity to thank all of them.

My very special thanks goes to Nancy McGaughey, my sister, who has not only sponsored for me to study here but also encouraged, guided, and appreciated in every moment of my life. Without her contribution, it would not be possible. I will always be indebted to her.

I am also highly grateful to Mr. Mike Szymanski, whose contributions and encouragement were absolutely incredible during my study here. I feel myself thankful to have him as my well wisher and friend.

Similarly, I am also owed to Mr. Suresh Tiwari, who I consider as my teacher, brother and friend, his guidance and guardianship during the study was incomparable.

I would also like to thank to my organization (International Nepal Fellowship), especially Alois van Flue, Dr. Sara van Renseberg and all friends of Jumla Program for their help, encouragement and well wishing.

I am also grateful to the Regional Health Promotion Center 1, Bang Khen, Bangkok, Thailand, its staffs, and all mothers who participated in interview. Especially, Dr. Saipin Koosmithi, who always became open, kind and helpful to me, and all sisters (khun Tong, khun Tuen, khun Nai, khun Dao), who helped in interview. I am really grateful to their kindness and cooperation.

Likewise, all teachers/lecturers at the collage and CPH staff, who had given me the useful knowledge and assistance during the study. I would like to thank them for all of their

efforts. I'd thank to Mr. Praphon, Computer Lab In-charge, for his cooperation and friendly smile.

My thanks to all of my classmates and seniors, especially Benjaporn and Janchai (Paew) (Ph.D. students), for their great help during proposal development; Pe On, for her help during questionnaire pre-testing at the Bamrasnaradura Hospital.

My very special thank to Lina, my classmate sister, for her untiring encouragement, assistance, and accompany throughout my study and thesis preparation.

Last but not least, I would thank my mother, all of my family members and friends in Nepal for their understanding, appreciation, support and encouragement.

Bangkok
April, 2003

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Abbreviations (Acronyms)

ANC	Antenatal Care
DHS	Department of Health Services
DHS/N	Department of Health Services, Nepal
DOH/T	Department of Health, Thailand
MCH	Maternal and Child Health
MMR	Maternal Mortality Rate/ Ratio
MOPH	Ministry of Public Health
MPH	Master's of Public Health
NDHS	Nepal Demographic and Health Survey
PPH	Postpartum Hemorrhage
SPSS	Statistical Package for Social Sciences
STD	Sexually Transmitted Diseases
TT	Tetanus Toxoid
UNFPA	United Nations Population Fund
UNICEF	United Nations Children Fund
WHO	World Health Organization