

APPENDICES

มหาวิทยาลัยเชียงใหม่
Chiang Mai University

APPENDIX A

Instrument

I. Attitudes, Subjective Norms and Intentions to have Cesarean Section Questionnaire

The following 59 items are concerned with your information about attitude and subjective norm and intention to have cesarean section. Please carefully read each statement and choose the place according to your personal information.

Intention to have cesarean section

Single item intention measure(SI)

1. I intend to have cesarean section to terminate pregnancy.

Likely _____ : _____ : _____ : _____ : _____ Unlikely

extremely slightly neither slightly extremely

Attitude toward having cesarean section: behavioral belief(a)
and outcome evaluation(b)

1. (a) Having cesarean section will be safe for my baby.

Likely _____ : _____ : _____ : _____ : _____ Unlikely

extremely slightly neither slightly extremely

(b) For me, safety of my baby is

Important _____ : _____ : _____ : _____ : _____ Unimportant

extremely slightly neither slightly extremely

2. (a) Cesarean section is the safest way for me to give birth

Likely _____ : _____ : _____ : _____ : _____ Unlikely
extremely slightly neither slightly extremely

(b) For me, safety of myself is

Important _____ : _____ : _____ : _____ : _____ Unimportant
extremely slightly neither slightly extremely

14. (a) Having cesarean section will prevent me from bonding immediately with my baby.

Likely _____ : _____ : _____ : _____ : _____ Unlikely
extremely slightly neither slightly extremely

(b) For me, inability to bond with baby immediately after birth is

Good _____ : _____ : _____ : _____ : _____ Bad
extremely slightly neither slightly extremely

15. (a) Having cesarean section will interfere with my baby care after birth

Likely _____ : _____ : _____ : _____ : _____ Unlikely
extremely slightly neither slightly extremely

(b) For me, inability to take care of my baby after birth is

Good _____ : _____ : _____ : _____ : _____ Bad
extremely slightly neither slightly extremely

Subjective norms related to having cesarean section: Normative belief(a) and motivation to comply (b)

1.(a) My husband thinks I should have cesarean section to terminate pregnancy.

Likely _____ : _____ : _____ : _____ : _____ Unlikely
 extremely slightly neither slightly extremely

(b) Generally speaking, how much do you want to do what your husband thinks you should do?

Not at all _____ : _____ : _____ : _____ : _____ Very much

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7.(a) Mass media suggests pregnant women like me to have cesarean section to terminate pregnancy.

Likely _____ : _____ : _____ : _____ : _____ Unlikely
 extremely slightly neither slightly extremely

(b) Generally speaking, how much do you want to do what mass media suggests you to do?

Not at all _____ : _____ : _____ : _____ : _____ Very much

II. Personal Data Recording Form

Socioeconomic characteristics of the subject

The following questions are to obtain additional information about yourself and your family. For each question, please write your answer or indicate which choice best

describes your situation. Please answer every question

1. How old are you? ____ years
2. How many years of schooling do you have? ____ years
3. How many family members are there in your family? ____
Who are they? _____
4. What is your whole family monthly income? ____ yuans

Obstetrical information of the subject (From the medical documentation).

5. ____ gravida
6. ____ gestational age
7. ____ number of previous abortion (spontaneous or artificial).
8. ____ number of stillbirth
9. How are your hospital fee paid by?
____ yourself
____ government
____ some part of it by yourself
____ other (specify)
10. The actual delivery mode will be obtained from the medical documentation.
____ cesarean section
____ vaginal delivery
____ forceps delivery

APPENDIX B

Verbal explainaton and informed consent

Dear Lady:

My name is Xu Hong. I am a nurse and a graduate student of POHNED at the Chiangmai University. I am conducting a study about attitudes , subjective norms , and intentions to have cesarean section among Chinese nulliparous women. I need your help in gathering information for the study and would appreciate your participation.

You are being asked to take 30 to 45 minutes of your time to answer the questions on questionnaire I am going to give you. The questions will assess your personal beliefs and normative beliefs about cesarean section and the delivery mode you intend to have. Your response, however, will be kept confidential, and you will not be identified by name or any codes. The obtained information will be analyzed and presented as group data.

You may not be benefit from the study. The information obtained from the study will assist nurses to understand Chinese nulliparous women 's personal and social factor effecting on their intention to have cesarean section. Nurses will subsequently be able to prepare future counseling and

education program to help Chinese nulliparous women with appropriate decision for their delivery mode which lead to safe and healthy delivery outcome for mother and child , and to prevent unnecessary cesarean section.

Your decision to participate in this study is absolutely voluntary, and you may withdraw from the study at any time prior to completion of the questionnaire. Your refusal will in no way affect the services you receive from the hospital. Completion of the questionnaire indicates your willingness to participate in this study.

Thank you for considering my request.

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APPENDEX C

A letter to the validator

9th Oct.1997

Dear nursing expert:

I am a Chinese graduate nursing student, I am going to conduct a research of " Attitudes, Subjective Norms and Intentions to Have Cesarean Section Among Chinese Nulliparous Women". I will use Attitudes, Subjective Norms and Intentions to Have Cesarean section (ASNICS) Questionnaire developed by myself in this study.

To be sure of the content validity, I would like to invite you to evaluate this questionnaire first. Please indicate your suggestions of each item, and give the score at the right side of the item, according to (1) agree, (2) disagree, (3) revise.

This ASNICS Questionnaire will be used to measure attitudes, subjective norms and intentions to have cesarean section. It is developed by the researcher according to the guidelines described by Ajzen and Fishbein(1980), who developed the Theory of Reasoned Action. The questionnaire consists of 3 sets: behavioral intention (1 item); attitudes (36 items); subjective norms (12 items).

Thank you for your consideration and help.

Yours sincerely

Xu Hong

APPENDIX D

CALCULATION OF SAMPLE SIZE

The sample size is determined by a formula (Krejcie and Morgan, 1970, cited in Bernard, 1988):

$$\text{Sample size} = \frac{X^2 * N * P * (1 - P)}{C^2 * (N - 1) + X^2 * P * (1 - P)}$$

X^2 : The chi-square value for 1 degree of freedom at some desired probability level.

N: The population size

P: The population parameter of a variable

C: The confidence interval selected

$$P = .5 \quad C = .05 \quad X^2 = 3.84 \quad N = 200 * 3 = 600$$

$$\text{Sample size} = 234$$

APPENDIX E

Table 10

Standard Error and Confident Interval of Attitudes, and Each Item of Attitudes of the Subjects (N=239)

Attitudes	SE	Confident Interval
Overall Attitudes	1.13	(+3.05, +7.53)
Safe for baby	.11	(+1.11, +1.55)
Safe for self	.12	(+ .60, +1.07)
Convenient for setting time for delivery	.11	(+ .22, + .65)
More intelligent baby	.11	(-.13, -.57)
Releasing from labor pain	.11	(+.40, +.82)
Saving from fear of labor	.11	(+.64, +.86)
Saving from vaginal laceration	.11	(+1.00, +1.45)
Delayed uterine involution	.11	(-.31, -.75)
More time to recover	.13	(-.60, -1.10)
Loss more blood	.10	(-.40, -.78)
More painful afterbirth	.11	(-.42, -.85)
Higher risk of wound infection	.12	(-.75, -1.23)
Interfere with breastfeeding	.11	(-.35, +.09)
Inability to bond with baby	.13	(-.15, +.34)
Inability to take care of baby	.11	(-.32, +.12)
Lower self-esteem	.12	(+1.47, +1.92)
Inability to attain maternal role	.13	(+1.22, +1.67)
Pay high expense	.11	(-.95, -.52)
Make childbirth more controllable	.24	(+.24, +.60)
Make childbirth more successful	.12	(+.53, +1.00)
Reduce prelabor anxiety	.13	(+.39, +.89)
Make childbirth satisfactory	.11	(+.17, +.60)

APPENDIX F

Table 11

Standard Error and Confident Interval of Subjective Norms,
and Each Item of Subjective Norms of the Subjects (N=239)

Subjective Norms	SE	Confident Interval
Overall Subjective Norms	.93	(-4.74, -6.61)
Husband	.23	(-.91, 0)
Mother	.24	(-2.13, -1.15)
Mother-in-law	.16	(-.70, -1.34)
Good friend	.19	(+.02, +.76)
Obstetrician	.23	(-1.42, -.51)
Prenatal educator	.22	(-1.79, -.92)
Mass Media	.17	(-.96, -.25)

APPENDIX G

Table 12

Pearson Product-Moment Correlations between Each Item of Attitudes and Intentions to Have Cesarean Section

	Intentions	P. value
Safe for baby	.50	.000
Safe for self	.57	.000
Convenient for setting time for delivery	.29	.000
More intelligent baby	.42	.000
Releasing from labor pain	.37	.000
Saving from fear of labor	.50	.000
Saving from vaginal laceration	.32	.000
Delayed uterine involution	.11	.095
More time to recover	.24	.000
Loss more blood	.02	.717
More painful afterbirth	.30	.000
Higher risk of wound infection	.20	.002
Interfere with breastfeeding	.18	.004
Inability to bond with baby	.14	.028
Inability to take care of baby	.23	.000
Lower self-esteem	.10	.111
Inability to attain maternal role	.04	.523
Pay high expense	.14	.025
Make childbirth more controllable	.17	.009
Make childbirth more successful	.46	.000
Reduce prelabor anxiety	.54	.000
Make childbirth satisfactory	.55	.000

APPENDIX H

Table 13

Pearson Product-Moment Correlations between Each item of Subjective Norms and Intentions to Have Cesarean Section

	Intentions	p value
Husband	.61	.000
Mother	.48	.000
Mother-in-Law	.31	.000
Good friend	.44	.000
Obstetrician	.25	.000
Prelabor educator	.19	.003
Mass Media	.39	.000

APPENDIX I

List of Experts

Hu Yan	R.N,M.S.N, instructor, Faculty of Nursing, Shanghai Medical University
Khanokporn Sucamvang	R.N,D.N.S, Assistant Professor, Department of Surgical Nursing, Faculty of Nursing, Chiang Mai University, Thailand
Lawan Somboon	R.N,M.A. Associate Professor, Department of OB/GYN Nursing, Faculty of Nursing, Chiang Mai University, Thailand
Ouyporn Tonmukayakul	R.N,Ph.D, instructor, Department of Nursing Administration, Faculty Of Nursing, Chiang Mai University, Thailand
Sujitra Tiansawad	R.N,D.S.N, Assistant Professor, Department of OB/GYN Nursing, Faculty of Nursing, Chiang Mai University, Thailand
Sukanya Parisunyakul	R.N,D.N.S, Associate Professor, Department of OB/GYN Nursing, Faculty of Nursing, Chiang Mai University, Thailand
Zhang Zhen Jun	Obstetrician, M.D, Professor, Obstetrics & Gynecology Hospital Of Shanghai Medical University

CURRICULUM VITAE

Surname, name Mrs. Xu Hong

Date of birth June 17, 1967

Education

1985-1989 Bachelor degree of Nursing Science,
Shanghai Medical University. P.R. China.

Experience

1989-present Staff nurse and clinical instructor of
Obstetrics and Gynecology Hospital,
Shanghai Medical University.
P.R. China.