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## **APPENDICES**

## Appendix A

Ethical Committee Approval (Medical Faculty, Chulalongkorn University,  
Bangkok, Thailand)

### บันทึกข้อความ

ส่วนราชการ ฝ่ายวิจัย คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย โทร 4455, 4493

ที่ วจ2/2546

วันที่ 7 มกราคม พ.ศ. 2546

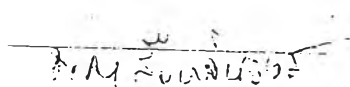
เรื่อง แจ้งผลพิจารณาจริยธรรมการวิจัย

เรียน นส.วรรณภา นาราเวช

จากการประชุมคณะกรรมการพิจารณาจริยธรรมการวิจัย ครั้งที่ 15/2545 ในวันศุกร์ที่ 23 ธันวาคม พ.ศ. 2545 ได้พิจารณาเอกสารแก้ไขและเพิ่มเติมรายละเอียด ในโครงการวิจัย เรื่อง "พฤติกรรมการใช้บริการในวัยรุ่นรายได้น้อยที่ตั้งครรภ์ไม่พึงประสงค์: การศึกษาเชิงคุณภาพและเชิงปริมาณ" ซึ่ง นส.วรรณภา นาราเวช เป็นหัวหน้าโครงการวิจัย

ที่ประชุมมีมติให้ผ่านปัญหาจริยธรรมได้

จึงเรียนมาเพื่อทราบ



(รองศาสตราจารย์ แพทย์หญิงธาดา สืบหลินวงศ์)  
รองคณบดีฝ่ายวิจัย

## APPENDIX B

### Guidelines and Questionnaire

#### **FORM 1**

#### PHASE I DATA COLLECTION: FOCUS GROUP DISCUSSION GUIDELINE (FGD)

#### Health Seeking Behavior of Low-income Young Women with Unplanned Pregnancies: A Qualitative and Quantitative Approach

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##### Inclusion Criteria

- Young Women age 13-24 Years
- No Psychological Problems
- Experience of Unplanned pregnancy at least once

##### Grouping of Young Women

- 2 group married and 2 groups of unmarried young women
- 2 groups of in schools and 2 group of out of school young women

##### Introduction

1. **Introduce** name of the facilitator and co-facilitator.
2. **Explain objectives of the FGD.** The objective is that to understand the social attitude, believe, value and practice of young women with unplanned pregnancies. All information will keep confidential. Results of the study will use to advocate policy and decision makers for setting up an appropriate youth friendly services for Thailand.
3. **Explain the FGD process.** The FGD will be about 1 ½ - 2 hours. Tape recorder is used to record because sometimes it is hard to capture every thing that is said, and that tape recorder will help to capture all the important information. Moreover, there are not any right or wrong answerers.
4. **Impact to the participants**  
Negative impact There is a little negative effect to the participants. The only impact is that you disclose your opinion, and the information. However, your personal views and responses will be kept strictly anonymous. Your name, organization, and all other information will remain anonymous.  
Positive impact Involvement in this study do not directly benefit you. However, it will be useful for others in the society especially young women with unplanned pregnancies. After interviewing, we will discuss about any issues that we have discussed and are in your concerned.
5. **Incentives** You will receive 100 baht plus actual transportation cost that occurred to compensate for your time and effort contributing to the study.
6. **Participant Information and Consent Form** If you agree to participate in the FGD, please sign your name in the consent form. However, your name and any identity that can identify you will not appear in any document. All the data will

keep in a secure location. Please keep the copy of the consent form in case you have any trouble, you can call back (give the consent form for signature).

7. **Right for Reject or Withdrawn from the Study** Before FGD begin; you should be informed that this is a voluntary basis. You can skip any questions that you do not want to answer or leaving the interviewing at any time if you feel uncomfortable.
8. **Warm up Topic** Before the FGD session start, facilitator carry out an appropriate icebreaker exercise. For example, ask each participant to say something about his or her general health, or something that is friendly and not too personal. Ask another question such as what their favorite flower is, their favorite color, or something fun. While the warm up topic start refreshments are served and facilitator invites participants to help themselves.

Date (day/month/year) : \_\_\_\_\_  
 Time focus group began : \_\_\_\_\_  
 Time focus group ended : \_\_\_\_\_  
 Name of facilitator : \_\_\_\_\_  
 Name of recorder : \_\_\_\_\_



## FOCUS GROUP DISCUSSION GUIDELINE

### 1) Definition of Pregnancy, their Interaction, and Stigmatization

Number	Key question	Probing question	Methods
1.	What women might be concerned, if they want to be pregnant?	<b>Probing</b> rationale behind each particular concern	Group discussion, and brain storming
2.	When might women become worried if they find out they are pregnant.	<b>Probing</b> causes of concerns * Pregnant during study * Pregnant without married * Boyfriend is not responsible	Group discussion, and present cases for the group to discuss
3.	What happens if women become pregnant and they shouldn't be? What do they define this situation? Why do they define in that ways?	<b>Probing</b> definition of "not ready" "unplanned" "unwanted" pregnancy define by young women	Group discussion, brain storming, vocabulary on "not being ready"
4.	If women have already assessed that their pregnancy are unwanted/unplanned/unintended, what are their options? What is the common option? Why do women choose that option?	<b>Probing</b> advantage and disadvantage of each option.	Group discussion, brain storming, and listing of all the options and then grouping
5.	Are the things a woman can do to "start a menses" the same as methods to end a pregnancy?	<b>Probing</b> patterns of menstrual regulation. Reasons for using menstrual regulation.	Group discussion, and brain storming
6.	When is pregnancy seen as desirable by women? By other family members? By other community members/neighbors? By the religious?	<b>Probing</b> Insights of desirable of pregnancy from: * A woman * Family member * Community * Neighbors * Religious	Group discussion, and brain storming
7.	If women become pregnant and community, neighbors, religious member do not accept, what happen?. What are the reactions to women, baby's father, and women's parent? How do they feel about women, baby's father, and women's parent? How do women feel about herself, the baby, and the baby's father?	<b>Probing</b> Reaction from both sides, community and women	Group discussion, and brain storming

## 2) Decision Making Process, and Interaction

Number	Key question	Probing question	Methods
1.	<p>With whom do they talk to when they realized they are pregnant and they want to stop the pregnancy? With whom would she not talk to?</p>	<b>Probing</b> Reasons for visit and not visit	Group discussion, brain storming, listing and grouping
2.	<p>When women make the difficult decision to stop unwanted/unplanned pregnancies, what are their options? What are the popular methods that women will choose to end pregnancies? What are the unpopular methods? Is there so Are there someone or somewhere in their community or neighborhood they could go for help? If so, what would they do? Is there something that they could do herself? What are risks and costs involved with different options?</p>	<b>Probing</b> The advantages and disadvantages the popular and unpopular method. What are consequences to both physical and psychosocial?	<p>Group discussion, brain storming, listing and grouping of methods</p> <p>Drawing a woman body, then lists all impact to both physical and psychosocial</p>
3.	<p>What are the attitudes of people in the woman's community towards young women with unplanned pregnancies who opt for abortion, or adoption? What are their reaction and feeling of these people towards young women with unplanned pregnancies who opt for abortion, or adoption?</p>	<b>Probing</b> Value, believe, norms towards abortion or adoption.	Group discussion, brain storming,
4.	What are rationales behind selected option, adoption, or abortion?	<b>Probing</b> Rationale behind the selected option.	Group discussion,
5.	Who is influence their decision making?	<b>Probing</b> Women, baby's father, or their parents	Group discussion brain storming
6.	After decision, how do they feel?	<b>Probing</b> Terminate pregnancy (abortion), adoption, or abortion	Group discussion brain storming

### 3) Health Seeking Behavior and Patterns

Number	Key question	Probing question	Methods
1.	<p><b><u>Case 1: Women who decide to terminate pregnancy</u></b></p> <p>What is the process of problem solving at the beginning till the problem be solved?</p> <p>Is there someone or somewhere in their community or neighborhood they could go for help?</p> <p>Why do they go there?</p> <p>What would they do for women?</p> <p>Is there something that women could do for themselves?</p>	<p><b><u>Probing</u></b> Process of terminating pregnancy perform:</p> <ul style="list-style-type: none"> <li>* Woman herself</li> <li>* Traditional birth attendants/traditional healers</li> <li>* Visit private clinic</li> </ul>	Group discussion brain storming
2.	<p><b><u>Case 2: Women who decide to keep the baby to term and then adoption</u></b></p> <p>What is the process of problem solving at the beginning till the problem be solved?</p> <p>Is there someone or somewhere in their community or neighborhood they could go for help?</p> <p>Why do they go there?</p> <p>What would they do for women?</p> <p>Is there something that women could do for themselves?</p>		Group discussion brain storming
3.	<p><b><u>Case 3: Women who decide keep the baby to term and parenting</u></b></p> <p>What is the process of problem solving at the beginning till the problem be solved?</p> <p>Is there someone or somewhere in their community or neighborhood they could go for help?</p> <p>Why do they go there?</p> <p>What would they do for women?</p> <p>Is there something that women could do for themselves?</p> <p>What happen to their life if they become parent?</p>		Group discussion brain storming

**FORM 2****PHASE I DATA COLLECTION: INDEPTH INTERVIEW GUIDELINE**

**Health Seeking Behavior of Low-income Young Women  
with Unplanned Pregnancies:  
A Qualitative and Quantitative Approach**

**Inclusion Criteria**

- Young Women age 13-24 Years
- No Psychological Problems
- Experience of Unplanned Pregnancy at least once

**Introduction**

1. **Introduce** name of the interviewer
2. **Explain objectives of the study.** The objective is that to understand the rationale behind the unplanned pregnancies regarding attitude, believe, value, and practice of young women with unplanned pregnancies. All information will keep confidential. Results of the study will use to advocate policy and decision makers for setting up an appropriate youth friendly services for Thailand.
3. **Explain the interviewing process.** The interviewing will be about 1-1 ½ hours. Tape recorder is used to record because sometimes it is hard to capture every thing that is said, and that tape recorder will help to capture all the important information. There are not any right or wrong answers.
4. **Impact to the interviewees**  
**Negative impact** There is a little negative effect to the interviewees. The only impact is that you disclose your opinion, and the information. However, your personal views and responses will be kept strictly anonymous. Your name, organization, and all other information will remain anonymous. You may choose to terminate or move to other topic of the interview at any time, if you feel uncomfortable with discussion topics.  
**Positive impact** Involvement in this study do not directly benefit you. However, it will be useful for others in the society especially young women with unplanned pregnancies. After interviewing, we will discuss about any issues that we have discussed and are in your concerned.
5. **Incentives** You will receive 100 baht plus actual transportation cost that occurred to compensate for your time and effort contributing to the study.
6. **Participant Information and Consent Form** if you agree to participate in the study, please sign your name in the consent form. However, your name and any identity that can identify you will not appear in any document. All the data will keep in a secure location. Please keep the copy of the consent form in case you have any trouble, you can call back (give the consent form for signature).
7. **Right for Reject or Withdrawn from the Study** Before interviewing begin, you should be informed that this is a voluntary basis. You can skip any questions that you do not want to answer or leaving the interviewing at any time if you feel uncomfortable.



## In depth Interview Guideline

### 1) Definition of Pregnancy (unplanned pregnancy), their Interaction, and Stigmatization

Number	Key questions	Probing questions
1.	<p>A. When do you recognize that you are pregnant?</p> <p>B. How many months?</p> <p>C. How do you know?</p> <p>D. How do you feel?</p>	<p><b>Probing</b> Feeling, emotion towards unplanned pregnancies</p>
2.	<p>A. Whom do you talk to when you realize that you pregnant?</p> <p>B. What does she/he interact with you?</p> <p>C. How do you feel about the reaction?</p> <p>D. Who else do you talk to on this regard?</p> <p>E. What are their interactions?</p> <p>F. How do you feel about the reaction?</p> <p>G. Whom do you think that you will talk to? or</p> <p>H. Whom you do not want to talk to</p>	<p><b>Probing</b> Reactions from her significant others and woman's feeling towards that reactions:</p> <ul style="list-style-type: none"> <li>• Baby's father</li> <li>• Parents</li> <li>• Close friends</li> </ul> <p><b>Probing</b> Reason for visit and not visit for consultation the followings person:  * personnel from private clinic, government hospital, and drugstores  * baby's father * parenting * friend</p>
3.	<p>A. What are topics that you discuss with those you talk to?</p> <p>B. How do you feel after you talk to them?</p>	<p><b>Probing</b> * Baby's father * peers  * parents</p>
4.	<p><b>The Unintended Pregnancy</b></p> <p>A. Do you intend to be pregnant? Why?</p> <p>B. When is the feeling of "not ready" "unintended" "unwanted" occurred</p> <p>C. What are the reasons?</p> <p>D. What are feeling of the women towards a baby in her womb?</p>	<p><b>Probing</b> The reasons that made the pregnancy to be unwanted:  * baby's father * parents * woman's goals</p>
5.	<p>A. How does woman define "not ready" "unintended" "unwanted" "unplanned pregnancy"?</p> <p>B. What is the rationale behind the definition?</p>	<p><b>Probing</b> definition of "not ready" "unintended" "unwanted" "unplanned" pregnancy defined by woman</p>
6.	<p>When does the pregnancy accept by the society, community, neighbor, household member, and by the woman?</p>	<p><b>Probing</b> Conditions to accept for pregnancy by:  * woman * household member  * neighbor * community * religious</p>

## 2) Decision Making Process, and Interaction

Number	Key questions	Probing questions
1.	A. When woman face with unplanned pregnancy, what are options? B. For yourself, what are the options? C. What are advantages and disadvantages of your selected option? D. What are risks and impact of the selected option(s)? E. What is rationale behind the selected option(s)?	<b>Probing</b> Ask her to assess the rationale behind selected choice(s): * advantage and disadvantage * impact to both physical and psychosocial
2.	A. What do society, community, neighbor, and household member think about your decisions? B. How do you feel about those reactions? C. What do you response to those reactions?	<b>Probing</b> value, belief, and social norms towards woman's choice(s) including: <ul style="list-style-type: none"> <li>• terminating pregnancy</li> <li>• keep the baby to term and adopt the baby</li> <li>• keep the baby to term and parenting the baby</li> </ul>
3.	A. What is the rationale behind your choice (indicate choice that woman choose - terminate pregnancy, adoption, or parenting)? B. How do you react to yourself base on selected choice? C. How do you tell yourself once you made decision?	<b>Probing</b> Interaction of woman with herself after decision making
4.	Who is influencing your decision-making?	<b>Probing</b> * baby's father * herself * parents
5.	After decision making, how do you feel?	<b>Probing</b> Woman's feeling after decision making (Terminated pregnancy, or adoption)

### 3) Health Seeking Behavior and Patterns

Number	Key questions	Probing questions
1.	<p><b><u>Each option</u></b></p> <p>A. What is your problem solving process?</p> <p>B. Where do you seek help or service from?</p> <p>C. Why do you seek help or service from that place/person?</p> <p>D. When you seeking services, how many months of pregnancy?</p>	<p><b><u>Probing</u></b> Process of each selected choice:</p> <ul style="list-style-type: none"> <li>• terminating pregnancy</li> <li>• keep the baby to term and then adoption</li> <li>• keep the baby to term and then parenting</li> </ul>
2.	<p><b><u>Utilization of Services</u></b></p> <p>A. What are the reactions of service providers when you utilize services?</p> <p>B. How do you feel towards that reaction?</p> <p>C. If you can choose, what are characteristics of services facilities that you prefer to visit in order to help solve the unplanned pregnancy?</p>	<p><b><u>Probing</u></b> Expectation of service facilities' characteristics including:  * location * personnel * type of services  * service process * other recommend services for women with unplanned pregnancies</p>
3.	<p><b><u>After Making Decision</u></b></p> <p>A. Have you ever made new decision after making the first decision?</p> <p>B. If yes, what is the second or third option?</p> <p>C. What is the reason to make the new option? Where do you seek help or service(s) for the second or third option?</p> <p>D. How do you feel towards the new option?</p> <p>E. What does others feel towards the new option?</p> <p>F. Who is influencing you to choose the new option?</p>	<p><b><u>Probing</u></b> Influencing from the followings:  * baby's father * herself * parents</p>
4.	<p>A. What do you expect when you visit each facility?</p> <p>B. How do you feel when you are there?</p>	<p><b><u>Probing</u></b> Expectation and satisfaction when visiting:  * drugstores * traditional healers * clinic  * others</p>
5.	<p>A. After you implement according on the new decision, how do you feel?</p> <p>B. Who do you like to talk to?</p> <p>C. What are services that you would like to get?</p>	
6.	<p>A. In the future, would you like to be pregnant again? Why?</p> <p>B. If yes, how do you plan for the future?</p>	

**FORM 3****PHASE I DATA COLLECTION: OBSERVATION GUIDELINE**

**Health Seeking Behavior of Low-income Young Women  
with Unplanned Pregnancies:  
A Qualitative and Quantitative Approach**

**Shelter**

Emergency House 1, 2  
Ban Sukruthai  
Shelter for mother and baby  
Ban Prakhun

<b>Number</b>	<b>Group 1.</b>	<b>Group 2.</b>
	<b>At the Point of Service</b>	
1.	Privacy * Have a special private corner/room for counseling or pelvic examination	
2.	The administrative process/record * confidential * anonymous * face to face service	
3.	Providers * have a full time specialist * warm personality * provide adequate time for each client	
4.	Verbal and Non-verbal reactions of providers towards young women with unplanned pregnancies	
5.	Availability of media, and printed materials on reproductive health service and unplanned pregnancies prevention	
6.	Availability of contraceptive methods for young women to prevent unplanned pregnancies	
7.	Availability of services or activities related to preventing of unplanned pregnancies	
8.	Cost of services related to unplanned pregnancies	

<b>Women Network at the Communities/Emergency Homes</b>	
9.	The goal and process that lead women to get together
10.	Activities that women would do when they get together or having free time Discussion topics among their peers during free time
11.	Sources of information for young women at the CHCs and Emergencies homes and utilization
12.	Living Condition
13.	Living conditions and environment at the communities and the emergency homes
14.	Living arrangement with other household member or at the emergency houses
15.	Speaking dialect among their household member and among their peers

**FORM 4**

**Data Collection Tool for Phase II: Structured Interview ID [ ][ ][ ]**  
**Health Seeking Behavior of Young Women**  
**with Unplanned Pregnancies:**  
**A Qualitative and Quantitative Approach**

Day.....Month.....Year.....
Time Begin interviewing..... Time End Interviewing.....
Total Time Consume.....
Interviewer's Name.....
In conclusion, choice of this woman is...
1 Abortion      2 Adoption      3 Parenting

Places	Inclusion Criteria
1. Ban Pak Chuk Chern	5. Ban Pak Dek Lae Krobklua
2. Ban Pak Chuk Chern	7. Community Network .....
3. Ban Sukruthai	8. NGO network.....
4. Sahathai Foundation	9. Others .....
5. Ban Prakhun	

<b>Remark for Interviewer:</b>
<ol style="list-style-type: none"> <li>1. Select privacy place to ensure that there is no interruption during interview.</li> <li>2. Provide information of the study to participants including, objective of the study, personal risk involved, benefit, and confidentiality, their right to reject answering any topic or withdraw from the interview at any time.</li> <li>3. If woman agree to participate in the study, please have her sign in the consent form. If a woman age under 15 years, please have a parent accept and sign the consent form as well.</li> <li>4. Please inform all participants that it is her right to terminate the interview at any time, if she does not want to continue. Furthermore, there is no right or wrong answer for all questions. Moreover, please emphasis that women should answer all questions according to the fact and feeling. Then, all the information can be very useful to any project that dealing with prevention of unplanned pregnancy.</li> </ol>

## Consent Form and Participant Information

As Participant in this study, I would like you to understand the following details and objectives of the study. If you have any questions, please feel free to ask.

### Objectives

This study is to understand the issues of unplanned pregnancies. We interview women with experience with unplanned pregnancy and this information will be used to strengthen and improve sexual and reproductive health services for young people.

### Process

If you agree to participate in this study, you will be interviewed in details. The interview will last about 30-40 minutes. There is no right or wrong answer Any response is OK.

### Personal Risk Involved

Negative effect is minimal. Any personal information will be kept in the strictest confidence by the researcher. If there is a topic or question, that you feel uncomfortable, there is no obligation to answer

### Advantages

Participating in this study may not benefit you directly, but will greatly benefit others in society in similar circumstances, especially young people with unplanned pregnancies. However, at the completion of the interview, you may ask any questions or raise any concerns you may have regarding any of the topics related to the interview. You will receive a complimentary package and transportation costs will be reimbursed.

### Confidentiality

Your name and address will not be used in any document or quote in this study The information cannot be used to trace or locate participants. All tapes and documents will be kept in a secure location and be destroyed within one year of the completion of the report. Moreover, you will receive a copy of the consent form, and if you have any questions or concerns you may contact the researcher at any time.

### Right to Reject or Withdraw from the Interview

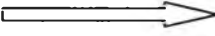
Before beginning interview you must understand that it is a voluntary and you are under no obligations to answer any question that you do not wish to answer. You may withdraw from the interview at any time.

**After the interview, if there are questions or problems you would like to discuss, please call 06-9823679**

<b>For the Participants</b>	
I have read the consent form and understand all information and stipulations therein.	
I agree to participate in this study.	
Signature.....	<b>Interviewee</b>
Signature.....	<b>Parent</b>
(If the woman is under 15 years old)	
<b>For the Researcher</b>	
Signature.....	<b>Interviewer</b>
Day.....	Month.....Year.....

<b>Section 1: Socio-Demographic Characteristic</b>			
The researcher will solicit your personal information by asking individual questions			
No.	Questions	Coding	
101	Your age (counting time until interviewing day)	Month ..... Year ..... [ ] [ ]	
102	Before the age of 12 where did you live the longest?	From other community in Bangkok (specify) ..... 1 From the rural upcountry (specify) ..... 2 From the urban upcountry (specify) ..... 3	
103	Whom do you live with now? <b>* In case client lives at shelter, please ask "Before you come to live at this shelter whom do you live with"</b>	Mother ..... 1 Father ..... 2 Both father and mother ..... 3 Care taker/relative ..... 4 Friends (women) ..... 5 Boy friends/husband ..... 6 Stay alone ..... 7 Others, please specify ..... 8	
104	What is your highest educational level?	Uneducated ..... 0 Primary (years) ..... 1 Secondary (years) ..... 2 Vocational (years) ..... 3 Bachelors degree (years) ..... 4	
105	A. What is your present occupation or prior staying at the shelter? B. Under which sector of society are you currently employed?	Working (Specify) ..... [ ] [ ] House maid ..... 94 Studying ..... 95 Laid off ..... 96 Unemployed/unskilled ..... 97 Governmental organization ..... 1 Private enterprise ..... 2 Non-governmental organization ..... 3 Private business ..... 4 Unemployed ..... 5 Helping family business without pay ..... 6	
106	Marital status <b>Definition</b> <b>Unmarried women</b> define as women living with partner, without approval of parents or relatives. <b>Married women</b> define as women having open relationship with partner, and get approval from parents, relatives, or care taker.	Single (In case of rape) ..... 1 Unmarried ..... 2 Married/ living together ..... 3 Married but living separately ..... 4 Divorced/separated ..... 5 Widowed ..... 6	
107	A. Including your present partner, how many relationships have you had? B. At what age did you begin first relationship? →	Number (person) ..... [ ] [ ] If none, in case of rape assigned code 00 Age (years) ..... [ ] [ ]	
108	What is your parent's marital status?	Unmarried but living together ..... 1 Married/ living together ..... 2 Married but living separately ..... 3 Divorced/separate ..... 4 Mother deceased, father remarried ..... 5 Father deceased, mother remarried ..... 6 Father and Mother deceased ..... 7	
109	What is your mother educational level?	Uneducated ..... 0 Primary (years) ..... 1 Secondary (years) ..... 2 Vocational (years) ..... 3 Others (Specify) ..... 4	
110	What is your father educational level?	Uneducated ..... 0 Primary (years) ..... 1 Secondary (years) ..... 2 Vocational (years) ..... 3 Others (Specify) ..... 4	



Section 2: Experiences of Pregnancy and Unplanned Pregnancy							
No.	Questions				Coding		
201	<b>How many pregnancies have you had in your life?</b> <b>Remark A:</b> If you are pregnant now, please include present pregnancy and any of all pregnancy in your lifetime				A. Total number of pregnancy...[ ][ ] C. Total number of unplanned pregnancy.....[ ][ ]		
202	<b>Have you ever had any of the following?</b> - Stillbirth, Miscarriage, Abortion, or Abortion due to mother's life. <b>1 Yes 2 No</b> <b>If yes,</b> how many of these? 				A. Number of stillbirth.....[ ][ ] B. Number of miscarriage.....[ ][ ] C. Number of abortion.....[ ][ ] D. Number of Abortion due to mother's life.....[ ][ ]		
203	How many moths of you currently pregnant/delivery? * Researcher ask the following column: (204-211)				Months of pregnancy (months)..... Month after delivery (months).....		
204	205	206	207	208	209	210	211
Age at pregnancy (year)	Do you plan to have a baby?	Where did you receive pregnancy test	Outcome of pregnancy	Have you ever tried terminating pregnancy?	Contraceptive method that have been used before present pregnancy	Does the baby still alive?	Where did you receive the services?
	[ ][ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ][ ][ ]
	[ ][ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ][ ][ ]
	[ ][ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ][ ][ ]
	[ ][ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ][ ][ ]
	[ ][ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ][ ][ ]

**Coding for 205:** (1) Plan to have a baby (2) plan not to have a baby (3) Plan nothing

**Coding for 206:** (1) Plan Clinic (2) Government Hospital (3) Private hospital  
 (4) Drugstore (5) Grocery store (6) Manage by herself  
 (7) Friend manage for her (8) Had pregnancy experienced  
 (9) Know by your self

**Coding for 207:** (1) Live birth (2) Stillbirth (3) Miscarriage  
 (4) Abortion (5) Threaten abortion (6) Present pregnancy

**Coding for 208:** (1) Put effort (2) Do nothing

**Coding for 209:** (1) Oral contraception (2) Post coital or Emergency contraceptive pills  
 (3) Condom (4) Withdrawal  
 (5) Safe period (6) Use nothing

**Coding for 210:** (1) Alive (2) Decease (3) Currently pregnant

**\*Coding for 211:** (1) Clinic (2) Government Hospital (3) Private hospital  
 (4) Drugstore (5) Grocery store (6) Manage by herself  
 (7) Friend manage for her (8) Home (9) Do not know

\*Can answer more than one

Section 3: Details of The Latest Unplanned Pregnancies Outcomes (Ask everyone)			
No.	Questions	Coding	
301	Why do you suspect that you are pregnant? (can answer more than one)	<i>Suspect due to:</i> Missing of menstruation period ..... 1 Having signs and symptom of pregnancy including nausea, vomiting, and breast tenderness ..... 2 Having experienced of pregnancy before ..... 3 Having something moving at the abdomen ..... 4 Having sexual intercourse prior to missing of menstruation period ..... 5 <i>Did not suspect but people living/working together suspect and/or take you to clinic</i> ..... 6 Others please specify ..... 7	
302	How do you do when you suspect of pregnancy? (if answer B-E skip to 303) A. Consult* ..... (can answer more than one) B. Did not consult anyone but testing pregnancy by yourself. C. Did not consult anyone but having pregnancy experienced. E. Did not consult anyone because having sexual intercourse prior to missing of menstruation.	<b>Consults*:</b> (please rank in order) <input type="checkbox"/> Partner ..... 1 <input type="checkbox"/> Friend ..... 2 <input type="checkbox"/> Mother ..... 3 <input type="checkbox"/> Father ..... 4 <input type="checkbox"/> Care taker ..... 5 <input type="checkbox"/> Teacher ..... 6 <input type="checkbox"/> Older sister/brother ..... 7 <input type="checkbox"/> Drugstore personnel ..... 8 <input type="checkbox"/> Doctor at clinic ..... 9 <input type="checkbox"/> Doctor at hospital ..... 10 <input type="checkbox"/> others please specify ..... 11	
		Consultation's result Satisfy    Not sure    Not satisfy 2            1            0 2            1            0 2            1            0 2            1            0 2            1            0 2            1            0 2            1            0	
303	Person who is the most influence your decision to solve unplanned pregnancy (answer only one)	Friend ..... 1 Father ..... 2 Mother ..... 3 Relatives ..... 4 Teacher ..... 5 Care taker ..... 6 Partner ..... 7 No one, you decide by your own ..... 8	
304	Sexual experiences of your peers?	You have friend who have already engaged in sexual intercourse ..... 1 You have friend who terminated pregnancy ..... 2 You have friend who gave the baby for adoption ..... 3 You have friend who raising the baby by herself ..... 4 You did not have friends as listed above ..... 5	
305	A. At what month/weeks did you suspect of pregnancy? ..... weeks/month B. At what month/weeks do you know exactly that you are pregnant? ..... weeks/month The different of A and B ..... weeks/month		
306	During pregnancy, how would you describe your unplanned pregnancy?	Intended but not ready ..... 1 Not intended and not ready ..... 2 Not intended but ready ..... 3	

307	A. Why or due to what reason of Unplanned Pregnancy?		<b>Yes</b>	<b>No</b>	
	<p>* Can answer more than one.</p> <p>* Let women answer spontaneously and using close ended questions if she can not identify.</p>	Don't know any contraceptive methods..... 1 Unexpected having sexual intercourse ..... 1 Contraceptive method failure..... 1 Natural method failure..... 1 Didn't use any contraceptive methods due to side effect..... 1 Partner didn't use any barrier method..... 1 Unexpected to be pregnant (Rarely having sex)..... 1 Having only once sexual intercourse doesn't cause pregnancy..... 1 Rape..... 1 Others please specify..... 1			2 2 2 2 2 2 2 2 2
308	B. Why do you feel that this is an unplanned pregnancy?				
	<p>• Can answer more than one</p> <p>• Let women answer spontaneously and using close ended questions if she can not identify.</p>	Study..... 1 Family don't know..... 1 Relatives and parents don't like your partner..... 1 Unmarried..... 1 Lover/Husband not responsible for the baby..... 1 Just married/just stay together..... 1 Economic problem..... 1 Having health problem..... 1 Rape..... 1 Others..... 1			2 2 2 2 2 2 2 2 2
309	At the time of Unplanned Pregnancy, what choices or options were available to you? (Answer more than one)	<b>Yes</b>	<b>No</b>	<b>Reasons</b>	
	Keep the baby and married with the lover	1	2		
	Keep the baby and raise the baby by herself	1	2		
	Put the baby for adoption	1	2		
	Terminated pregnancy	1	2		
309	What is your decision? (Choose only one answer)	<b>Yes</b>	<b>No</b>	<b>Reasons</b>	
	Keep the baby and married with the lover	1	2		
	Keep the baby and raise the baby by herself	1	2		
	Put the baby for adoption	1	2		
	Terminated pregnancy	1	2		
310	When you know that you were pregnant, do you plan to terminate pregnancy?				
	A. Yes → B. No (skip to 315)	Put effort to terminate pregnancy..... 1 Did not put any effort to terminate pregnancy..... 2 (skip to 315)			



316	A. Whom did you consult when you decided to continue pregnancy? <b>*Can answer more than one</b>	Yes	No	<b>Outcome of consulting</b> Very good/Sufficient/Not sufficient		
	Friends	1	2	1	2	3
	Father	1	2	1	2	3
	Mother	1	2	1	2	3
	Teacher	1	2	1	2	3
	Relatives	1	2	1	2	3
	Neighbors	1	2	1	2	3
	Health personnel	1	2	1	2	3
	Baby's father	1	2	1	2	3
	Supporting organization (please specify).....	1	2	1	2	3
	B. Didn't consult anyone	1	2	1	2	3
317	What was your plan for the baby once you had given birth? Coding				Please describe your feelings once you made and implemented your decision:.....	
	Raising the baby by herself.....	1				.....
	Raising the baby by both you and the baby's father.....	2				.....
	Raising the baby by your parents.....	3				.....
	Raising the baby by your relatives.....	4				.....
	Giving the baby for adoption.....	5				.....
	Others (please specify).....	6				.....

<b>Section 4: Relationship with Parents, Partner, Peers, and Consultation while Having Trouble</b>				
<b>(Ask all participant and every questions)</b>				
<b>No.</b>	<b>Questions</b>	<b>Coding</b>		
<b>Relationship with father of the child specifically the unplanned pregnancy</b>		<b>Agree</b>	<b>Not sure</b>	<b>Disagree</b>
401	You can discuss any issues with your partner.	2	1	0
402	You can consult your lover/husband on the unplanned pregnancy.	2	1	0
403	You think that your partner is responsible for you.	2	1	0
404	You are happy living with him	2	1	0
<b>Relationship with father/mother/care taker</b>		<b>Agree</b>	<b>Not sure</b>	<b>Disagree</b>
405	Mother/Father/Care taker does not pay attention to me since I were child.	2	1	0
406	Mother/Father/Care taker listens when I tell her/his things.	2	1	0
407	You could communicate openly with mother/father/care taker on sexual issue.	2	1	0
408	You can consult father/mother/care taker on the unplanned pregnancy.	2	1	0
<b>Relationship with peers and close friend</b>		<b>Agree</b>	<b>Not sure</b>	<b>Disagree</b>
409	You have close friends with whom you could discuss any issues.	2	1	0
410	You have close friend with will be anywhere with you to help you solve the problem.	2	1	0
411	You have close friend who keeps your personal information confidentially.	2	1	0
412	You have close friend who encourage when you have problem.	2	1	0
413	You can consult your close friend on unplanned pregnancy.	2	1	0
<b>Consultation while having trouble</b>		<b>Agree</b>	<b>Not sure</b>	<b>Disagree</b>
415	You feel that it is better to consult someone better than solve the problem by yourself.	2	1	0
416	Please rank in order the person who you feel the most important (1) to the least important (5)	Changing of relationship after having unplanned pregnancy		
		Better	The same	Worsen
	<input type="checkbox"/> Partner/Husband	2	1	0
	<input type="checkbox"/> Mother/Father/Care taker	2	1	0
	<input type="checkbox"/> Friends	2	1	0
	<input type="checkbox"/> Relatives	2	1	0
	<input type="checkbox"/> The baby (Baby with unplanned pregnancy)	2	1	0
	<input type="checkbox"/> Others.....	2	1	0

<b>Section 5: Attitude Towards Contraception, Sex &amp; Sexuality, Pregnancy, and Service Facilities &amp; Personnel (ask all participants)</b>				
<b>No</b>	<b>Contraception</b>	<b>Agree</b>	<b>Not sure</b>	<b>Disagree</b>
501	My partner feels that it is not natural to use condom. R			
502	A single woman who keeps condom in her pocket is promiscuous. R			
503	Infrequency of sexual intercourse is not necessary to use any contraceptive methods. R			
504	You feel worry using contraceptive methods due to their side effect. R			
<b>Sex and Sexuality</b>				
505	If you decide to marry with someone, you won't have sex with any man except the married one.			
506	A woman has sex with her boyfriend to prove that she really love him. R			
507	Woman should have love before having sex.			
508	A good woman should preserve her virginity until marriage.			
<b>Pregnancy</b>				
509	When you face with unplanned pregnancy, the only way to solve problem is terminating pregnancy. R			
510	You feel that social blamed any women who used to terminate pregnancy. R			
511	You feel that next pregnancy you will raise the baby by yourself even your partner leaving you alone.			
512	Teenager will be lost their future if she is pregnant.			
<b>Facility and Personnel</b>				
513	In case of unplanned pregnancy, you feel shame to visit the service for youth because you are afraid to meet someone you know. R			
514	In case of unplanned pregnancy, you will go to purchase abortifacient products for terminating pregnancy at drugstore rather than go to visit other service facilities. R			
515	You feel that service providers do not accept cases of single teenager mother with unplanned pregnancy.			
516	You feel relax and comfortable to give your information of unplanned pregnancy if health cares personnel counsel you one on one.			

<b>Section 6: Opinion Towards Service Facilities and Personnel</b> (ask all participants and every questions)			
Now, researcher will ask about your opinion towards factors influence your choices of services towards unplanned pregnancy			
No.	Statement	Importance	Not importance
<b>Physical Appearance</b>			
601	Service facility should be designed like home.		
602	Service facilities should provide separated services for men and women.		
603	Service facilities should have private area for counseling.		
604	Service facilities should locate in the community.		
<b>Physical Access</b>			
605	Service facilities should locate at every provinces.		
606	Service facilities should locate in the city.		
607	Service facilities should be located at the location, which can easily access by public transport.		
608	Women who utilize the service can visit the facilities by herself.		
<b>Administrative Process</b>			
609	Service facilities open special time for adolescent.		
610	Anonymous record are applied to all cases who utilizing the services.		
611	All client information is kept confidential.		
612	Young people (age < 15) can utilize the services without parental permission.		
<b>Cost of Service</b>			
613	Facility should provide abortion service at an affordable price.		
614	Facilities should provide basic health care during pregnancy and after delivery at a minimal cost.		
615	Facilities should provide delivery service at an affordable price.		
616	Facilities should provide after delivery service at a minimal cost.		
<b>Personnel</b>			
617	Service providers should be warm, and friendly.		
618	Providers should consider client privacy and keep all information confidential.		
619	Providers should have positive attitude towards sex among adolescence.		
620	Service providers should have time to provide counseling.		
621	Please rank the following service factors that are important for your decision to utilize the services when facing with unplanned pregnancy. (Rank 1-5; the most important to the least important)		
	<input type="checkbox"/> Physical appearance		
	<input type="checkbox"/> Physical access		
	<input type="checkbox"/> Administrative process		
	<input type="checkbox"/> Cost of services		
	<input type="checkbox"/> Personnel		





## CURRICULUM VITA

**Wanapa Naravage**

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### EDUCATION :

- **Ph.D. candidate Health System Development (2004)**  
College of Public Health, Chulalongkorn University,  
Bangkok, Thailand.  
Concentrated in the health seeking behavior of young women  
with unplanned pregnancies. Proposal entitled "*Health Seeking  
Behavior of Young Women with Unplanned Pregnancies: A  
Qualitative and Quantitative Research.*"
- **Certificate of English Language Program (1993)**  
University of California, Berkeley extension, San Francisco,  
California, USA.
- **Certificate of Clinical Research and Statistics (1992)**  
Public Health Faculty, Mahidol University, Bangkok, Thailand
- **M.Sc. (Public Health) Major in Epidemiological of Infectious Diseases (1989)**  
Public Health Faculty, Mahidol University, Bangkok, Thailand
- **B.Sc. Nursing and Midwifery (1986)**  
Nursing Faculty, Prince of Songkla Nakarind University,  
Haad Yai, Songkla, Thailand.

**LANGUAGES:** Thai (native), fluent in English, and Chinese (Cantonese)



**COMPUTER SKILLS:**

Microsoft Window Programme, Word Perfect, SPSS for Windows, and Epi-Info

**WORKING EXPERIENCES:**

*May, 2005:*

**Contraceptive Manager.** The Concept Foundation, Thailand

*January 2002 – December 2003:*

**Consultant and Freelance.**

- Consultant and freelance on various evaluation projects regarding Reproductive Health, Sexually Transmitted Infection, and HIV (RH/STI/HIV).

*July 2001 – December 2001:*

**Consultant,** PATH/Bangkok

*June 1995 – June 2001:*

**Associate Program Officer,** PATH/Bangkok

- Developed, planed, managed, and monitored various projects regarding sexual and reproductive health, STI/HIV.

*October 1994 – June 1995:*

**Medical Information Executive/Glaxo (Thailand) Ltd.**

- Serve as a resource person for clinical research documents and international papers for the company's products and other research papers of competitors.

*June 1990 – October 1994:*

**Associate Program Officer/PATH Thailand**

*1988-1990:*

**Project Coordinator, Thai Association for Voluntary Sterilization,  
(TAVS/Bangkok affiliated of AVSC/USA)**

*May 1986-May 1987:*

**Full Time Registered Nurse, The Bangkok Nursing Home Hospital,  
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#### **OTHER PROFESSIONAL ACTIVITIES:**

*February 2001:*

- **Oral Presentation** on “Adolescent Health Center” at the First Asia Pacific Conference on Reproductive Health, Manila, Philippines, with financial supported by UNFPA.

*November 2000:*

- **Oral Presentation** on “Situation Analysis of Emergency Contraceptive Pill Used in Bangkok among Users, Potential Providers, Drugstore Personnel and Decision Makers” at the International Conference on Adolescent Reproductive Health”, Mumbai, India with financial supported by WHO/Genewa.