

มหาวิทยาลัยเชียงใหม่  
Chiang Mai University

**APPENDIX**

## APPENDIX A

### Part I Verbal Explanation to Parent(s)

My name is (the investigator's name) and I am a nurse. I am conducting some nursing research. I would like to introduce my research and see whether you are willing to let your child participate. Can I explain to you now?

The study is about fear of the children who are 6 to 12 years old when they are hospitalized. Because your child is..... years old, he/she is included in the study. I want to get information from interviewing your child, your child's medical record and you. The interview time is about 20 minutes and I will ask her/him about how is frightened by hospitalization. All the information I get will remain confidential and used only for the purpose of the study. The publication of the study will not reveal you or your child's name.

The study has no known risk to he/she your child. Conversely, you can know your child's fear level and give it the necessary attention.

The participation to the study is voluntary. Your refusal or failure that to comply will not result in any penalties or affect the quality of health care your child receives.

Anytime, you change your mind, you can withdraw from the study by verbally expressing this wish to me. Additionally, you have the right to refuse to provide any specific piece of information.

If you are willing to cooperate with me, we can select a suitable time for interviewing your child.

## Part II Verbal Explanation to Child

I am nurse. I am interested in finding out how children your age are frightened by hospitalization. I would like to interview you for about 20 minutes and ask you some questions about how much you fear any item. You can say you fear something not at all, a little, or a lot.

The information will help us to understand why children like you are frightened when hospitalized and help you to be less afraid of the hospital.

Participation to the study is voluntary and at anytime you can withdraw from the study. The information you provide will remain confidential. Would you like to cooperate with me?

APPENDIX B

Part I Demographic Data Form

Subject identification number \_\_\_\_\_ Date \_\_\_\_\_

Data of the child

Age \_\_\_\_\_ years

Gender

- (1) Male
- (2) Female

Grade

- (1) Kindergarten
- (2) First grade
- (3) Second grade
- (4) Third grade
- (5) Fourth grade
- (6) Fifth grade
- (7) Sixth grade

Medical diagnosis \_\_\_\_\_

How long the disease has been present and diagnosed?

- (1) < 3 months
- (2)  $\geq$  3 months

Admission date \_\_\_\_\_

Length of hospitalization \_\_\_\_\_ days

Numbers of previous admission (exclude the present admission)  
\_\_\_\_\_ times

**Data of the parents**

**Father**

Age \_\_\_\_\_ years

Education level

- (1) Primary school
- (2) Secondary school
- (3) High school
- (4) College level or university level or above

Occupation \_\_\_\_\_

**Mother**

Age \_\_\_\_\_ years

Education level

- (1) Primary school
- (2) Secondary school
- (3) High school
- (4) College or university level or above

Occupation \_\_\_\_\_

**Data of the family**

Living area of family

- (1) Rural
- (2) Urban

Data collector's name \_\_\_\_\_

Comments:

## Part II Child's Medical Fear Scale

Directions to the child: I am going to ask you some questions about how you are frightened by the events which happen in the hospital. I want you to tell me how afraid you are of each of the sentences I read to you. For instance, if I say " I am afraid of throwing up ", I want you to tell me if you are not at all afraid, a little afraid or a lot afraid of throwing up in hospital. OK? Do you have any question before we begin?

Not at all=1      a little=2      a lot=3

<u>Procedural</u>	Not at all	A little	A lot
I am afraid of taking medicine	1	2	3
I am afraid of getting a shot .....	1	2	3
I am afraid of having my finger stuck.....	1	2	3
I am afraid of having the doctor or nurse look down my throat.....	1	2	3
I am afraid of the doctor putting a tongue blade in my mouth.....	1	2	3
<u>Environmental</u>			
I am afraid of being in the hospital	1	2	3
I am afraid of having to stay in the hospital a long time....	1	2	3
I am afraid I might die in the hospital.....	1	2	3
I am afraid of being away from my family .....	1	2	3

Intrapersonal

	Not at all	A little	A lot
I am afraid of hurting myself.... 1	2	3	
I am afraid of seeing blood come out of me..... 1	2	3	
I am afraid of throwing up .....1	2	3	
I am afraid I will cry when I get hurt.....1	2	3	

Interpersonal

I am afraid the doctor or nurse will tell me something is wrong with me..... 1	2	3	
I am afraid the doctor and nurse will not tell me what they are going to do to me..... 1	2	3	
I am afraid of missing school for many days..... 1	2	3	

## APPENDIX C

### CALCULATION OF SAMPLE SIZE

The sample size is decided by a formula:

$N=n(p+1)$  (McLaughlin & Marascuilo, 1990; P252)

N: Sample size;

p: Number of independent variables;

n: Obtained from checking a table according to  $\alpha$ ,  $1-\beta$ , f, & p.

$$\alpha = .05, 1-\beta = .80, R = .10.$$

$$f = \sqrt{R / (1-R)} = .10 / .90 = .33.$$

Checking the table, n = 18.

$$N = 16 * (4 + 1) = 90.$$



## **APPENDIX D**

### **List of the Experts for the Assessment of Validity of the Child's Medical Fear Scale**

1. Assistant Professor Dr. Ratanawadee Chontawan
2. Assistant Professor Dr. Chawapornpun Chanprasit
3. Assistant Professor Dr. Prakin Suchaxaya
4. Assistant Professor Dr. Seepan Kantawang
5. Assistant Professor Dr. Darawan Tapinta

## CURRICULUM VITA

Surname, name            Yan Jin  
Date of birth             September 10, 1972  
Place of birth            Wancheng, Hunan, P.R.China

## Educational Background

1990-1993            Bachelor degree in nursing science  
                              (equivalent) from Hunan Medical University  
                              (HMU).  
  
1987-1990            Diploma of nursing in the Nursing School  
                              of HMU.

## Working Experience

1993-1995            Clinical instructor and staff nurse in  
                              the Pediatric department of the First  
                              Hospital affiliated to HMU.  
  
1990-1993            Staff nurse in the surgical department of  
                              the First Hospital affiliated to HMU.