APPENDICES

APPENDIX A

QUESTIONNAIRES

Part I. Demographic Data Record Form

Subject #_____
Date_____

Part one: Family member's data

Sex_____   Age_____

Educational background
   ( ) No education   ( ) Senior high school
   ( ) Primary school   ( ) University
   ( ) Middle school   ( ) Graduate school

Marital status
   ( ) Single   ( ) Married   ( ) Divorced
   ( ) Widowed   ( ) Separated   ( ) Others_____

Occupation
   ( ) Unemployed ( ) Worker   ( ) Farmer
   ( ) Teacher   ( ) Health personnel ( ) Student
   ( ) Businessman ( ) Office staff   ( ) Retired
   ( ) Others_____

Family pattern
   ( ) Lived with parents   ( ) Lived with spouse
   ( ) Lived with spouse and children
   ( ) Lived with spouse and parents   ( ) others_____

Relationship with the patient
   ( ) Spouse   ( ) Parents   ( ) Sibling
   ( ) Son /daughter   ( ) Others_____

Family income (Yuan/per month)
   ( ) <1000   ( ) 1001-2000   ( ) >2000

Eared family income
   ( ) Enough   ( ) Not enough

The most supporter:
   ( ) Other family members   ( ) Friends
   ( ) Health professionals   ( ) other_____

Past experience of taking care of serious illness or injury
of family member
   ( ) No   ( ) yes _____times

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Part two: The head injured patient's data

Sex_____   Age_____
Educational background
    ( ) No education   ( ) Senior high school
    ( ) Primary school   ( ) University
    ( ) Middle school   ( ) Graduate school
Marital status
    ( ) Single   ( ) Married   ( ) Divorced
    ( ) Widowed   ( ) Separated   ( ) Others_____
Occupation before injury
    ( ) Unemployed ( ) Worker   ( ) Farmer
    ( ) Teacher   ( ) Health personnel ( ) Student
    ( ) Businessman ( ) Office staff   ( ) Retired
    ( ) Others_____
Cause
    ( ) Traffic accident   ( ) Falls
    ( ) Assaults and violence   ( ) others
    ( ) Sports and recreations
Severity of head injury (GCS)
    ( ) Mild   ( ) Moderate   ( ) Severe
Operation
    ( ) No   ( ) Yes _____operation
Admitted date _____
Way of hospital payment
    ( ) Total reimbursed or insurance
    ( ) Partial reimbursed (percentage_____)
    ( ) Total self paid

Part II

Modified Personal Resource Questionnaire 85-Part 2 (PRQ 85-Part 2)

Below are some statements with which some people agree and others disagree. Please read each statement and circle the response most appropriate for you. There is not right or wrong answer.

> 1=Strongly disagree
>
> 2=Disagree
>
> 3=uncertain
>
> 4=Agree
>
> 5=Strongly agree

Statements

1. There is someone I feel close
   to who makes me feel secure   5 4 3 2 1
2. I belong to a group in which I feel
   important   5 4 3 2 1

. . . . . .

23. People think that I'm not as good
    a friend as I should be   5 4 3 2 1
24. If I got sick there is someone to give
    me advice about caring for myself   5 4 3 2 1
25. There is someone who loves
    and cares about me   5 4 3 2 1

Part III Stress Appraisal Questionnaire (SAQ)

Instructions:

Please read each statement. These statements described **the events that you appraise as stressful after your loved one had head injury**. Please circle the appropriate answer based on you appraisal.

1 = strongly disagree

2 = disagree

3 = uncertain

4 = agree

5 = strongly agree

Items:

1. Your loved one may have difficulty   1   2   3   4   5
   to survive in the world.

. . . .

14. The family income is decreased due   1   2   3   4   5
    to the injury of your loved one.

15. You are responsible for the cost of   1   2   3   4   5
    hospitalization.

16. Your loved one's injury influenced   1   2   3   4   5
    the family's daily activities.

APPENDIX B

Verbal Explanation

My name is Li Yan, and I am a nurse of Sun Yat-Sen Memorial Hospital. I am conducting a nursing research project that I would like to explain to you, in order to see if you would be willing to participate in the project.

The purpose of the study is to learn about the relationship between social support and stress among family members of the head injured patients. The information gained from this study will help nurses in planning an effective nursing care to support the family, thus promoting optimum recover for the individual with a head injury. If you agree to participate, you will be asking to complete these questionnaires of social support and stress. It will take you about 30-35 minutes to complete these questionnaires. If you have any questions about the questionnaires, I would be glad to explain them to you. All of your responses will remain confidential and your identity will not be revealed.

There are no known risks to participation in this study. However, your participation is voluntary. There will be no penalty or any affect if you decide to withdraw from this study at any time, even after you start to answer the questions. All information will only be used for the purpose of this study.

Are you willing to participate? Thank you for you cooperation.

For further information please contact me at the follow address:

Miss Li Yan

Department of Nursing,

Sun Yat-Sen Memorial Hospital,

Guang zhou, 510120.

Tel No: (020) 81882012

Nov. 1999

APPENDIX C

List of experts

Assoc. Prof. Chaweewan Tongchai,

     Department of Surgical Nursing,

     Chiang Mai University.

Assist. Prof. Dr. Darawan Thapinta,

     Department of Psychiatric Nursing,

     Chiang Mai University.

Assist. Prof. Dr. Khanokporn Sucamvang,

     Department of Surgical Nursing,

     Chiang Mai University.

Assist. Prof. Wanpen Eamjoy,

     Department of Surgical Nursing,

     Chiang Mai University.

Instructor Dr. Pikul Nantachaipan,

     Department of Surgical Nursing,

     Chiang Mai University.

Assist. Prof. Zhang Xiao Xia,

     Director of Nursing Department.

     Sun Yat-Sen Memorial Hospital.

Assist. Prof. Chen Wen Qing,

     Director of Nursing Department.

     Sun Yat-Sen Memorial Hospital.

Assist. Prof. Rou Li Ming,

     Dean of Nursing School,

     Sun Yat-Sen University of Medical Science.

APPENDIX D

Calculation of an Index of
Content Validity (CVI) for SAQ

An Index of Content Validity is calculated using the formula (Davis, 1992).

CVI = number of items raked "quite relevant" or " highly relevant" by both reviewers / total items.

CVI value for each pair of five experts is calculated, and then the average CVI value is gained by diving sum of all CVI values with 10.

CVI between expert A and B = 14/16 =0.875

Using the same method, CVI between each pair of experts are as follows:

Expert A and C = 16/16 =1

Expert A and D = 13/16 =0.8125

Expert A and E = 14/16 =0.875

Expert B and C = 12/16 =0.75

Expert B and D = 13/16 =0.8125

Expert B and E = 16/16 =1

Expert C and D = 14/16 =0.875

Expert C and E = 16/16 =1

Expert D and E = 13/16 =0.8125

The average CVI = (0.875+1+0.8125+0.875+0.75+

0.8125+1+0.875+1+0.8125)/10=0.891

CURRICULUM VITAE

Surname, name   Miss Li Yan

Date of birth   Nov. 28, 1971

Education

       1989-1994   Bachelor of Science in Nursing

                              Faculty of Nursing,

                              Sun Yat-Sen University of Medical

                              Science,

                              Guangzhou,

                              P.R. China

Experiences

       1994-present   Clinical Instructor

                              Sun Yat-Sen Memorial Hospital of Sun

                              Yat-Sen University of Medical Science,

                              Guangzhou,

                              P.R. China