

มหาวิทยาลัยเชียงใหม่  
Chiang Mai University

**APPENDICES**

---

## APPENDIX A

### Consent Form

My name is Zhang Jing Ping. I am a second year master degree student major in medical nursing in Xian Medical University. I am conducting a nursing research to explore family support and quality of life in hemodialysis patients in order to ascertain if there is any relationship between family support and quality of life of hemodialysis patients. The result obtained will contribute to finding effective nursing interventions for improving hemodialysis patients' quality of life.

The study will not do any hurt on you and your family. The procedures for this study are as followings: at first, I would like to ask you some questions about your demographic characteristics. Then, I would like you to cooperate with me and answer two interview forms which are to describe your family support and your quality of life. It will take you about 20-40 minutes to be interviewed and complete the interview forms. Please give your answers according to your real situations. Please ask me if you have difficulty understanding any of the items. It will

depend on your own will whether to participate it or not. Your refusal will not have any effect on the treatment or nursing care for you. Even during the process, you have the right to withdraw or neglect any items you would not like to answer. I will be greatly appreciated your concern and participation in this study. If you agree with me, please sign this form.

Signature \_\_\_\_\_

Date \_\_\_\_\_

APPENDIX B

Instrument

Subject No \_\_\_\_\_

date \_\_\_\_\_

Part 1 Demographic Data Form

The following items are to obtain some information about yourself and your family. Please give the answers most close to your situations.

1. Age \_\_\_\_\_ years old

2. Sex: ( ) Male ( ) Female

3. Marital Status

( ) Married ( ) Single

( ) Divorced ( ) Separated

( ) Widowed ( ) Others

4. Education \_\_\_\_\_ years

5. Occupation

( ) Teacher ( ) Government service

( ) Worker ( ) House keeping

( ) Business person ( ) Farmer

( ) Health personnel ( ) Other (please writ down)

6. Income \_\_\_\_\_ Yuan/person/month

## 7. Way of Medical Payment

- Total reimbursed or insurance  
 Partial reimbursed  
 Total self paid  
 Others

## 8. Do you have any other additional chronic illness?

- Yes                       No

If Yes, please specify the diagnosis and main signs and symptoms \_\_\_\_\_

---

9. How long have you been on hemodialysis? \_\_\_\_\_  
(months)

## 10. How often have you been on hemodialysis?

\_\_\_\_\_times/per week

## 11. Present treatment

- Hemodialysis only  
 Hemodialysis and western medicine  
 Hemodialysis and traditional medicine

12. How many family members are there in family, such as grandparents, parents, siblings, spouse, children, and close relatives? please list your family members, such as father, mother, etc \_\_\_\_\_

13. If you have some problems, who is the helpful to you in your family?

- grandmother     grandfather     both of them  
 mother             father             both of them  
 Child or children  
 spouse  
 siblings  
 close relatives  
 other (please explain) \_\_\_\_\_

**Part II Modified Quality of Life Questionnaire**

- Component I. Life satisfaction.  
 Component II. Self-concept.  
 Component III. Health and functioning.  
 Component IV. Socio-economic factors.

Please choose the number that best describe your feelings.

- 5 = very much  
 4 = much  
 3 = moderate  
 2 = little  
 1 = very little

For example: I am satisfied with life at present. If you  
 Are satisfied with life at present very much,  
 you may chose number 5.

**I. Life satisfaction**

Explanation : The following statement concern your feelings  
 about your well-being in general since you  
 have been treated with hemodialysis.

- |    |   |   |   |   |   |   |
|----|---|---|---|---|---|---|
| 1. | I am satisfied with life at present.....  | 5 | 4 | 3 | 2 | 1 |
| 2. | I feel suffering at this time period..... | 5 | 4 | 3 | 2 | 1 |
| 3. | I am facing obstacles in my life.....     | 5 | 4 | 3 | 2 | 1 |
| 4. | I have received everything I wish.....    | 5 | 4 | 3 | 2 | 1 |
| 5. | I feel safe and secure for my life.....   | 5 | 4 | 3 | 2 | 1 |
| 6. | I get love and care from my family.....   | 5 | 4 | 3 | 2 | 1 |

**Part III Modified Perceived Social Support from Family  
(MPSS-Fa) Scale**

Directions : The statements which follow refer to feeling and experiences which occur to most people at one time or another in their relationships with their families. For each statement, there are two possible answers: Yes and No. Please circle the answer you choose for each item.

- |    |  |     |    |
|----|--|-----|----|
| 1. | My family gives me the moral support I need...   | Yes | No |
| 2. | I get good ideas about how to do their things or make things from my family.....                                       | Yes | No |
| 3. | Most other people are closer to their family than I am.....  | Yes | No |
| 4. | When I confide in the members of my family who are closest to me, I get the idea that it makes them uncomfortable..... | Yes | No |
| 5. | My family is willing to hear about what I think.....   | Yes | No |
| 6. | Members of my family share many of my interests.....   | Yes | No |
| 7. | I rely on my family for emotional support.....   | Yes | No |
| 8. | There is a member of my family I could go to if I were just feeling down, without feeling funny about it later.....    | Yes | No |
| 9. | My family and I are very open about what we think about things.....  | Yes | No |



## APPENDIX C

Table 8 Mean and standard deviation of quality of life's scores in hemodialysis patients as presented by each item (n=60)

Item	mean	S.D.
<b>Life satisfaction</b>	<b>3.62</b>	<b>0.71</b>
1. Being satisfied with present life	3.07	1.19
2. Having much suffering now	2.93	1.46
3. Facing obstacles in life	2.75	1.58
4. Having received everything I wish	2.50	1.19
5. Feeling safe and secure for my life	3.07	1.45
6. Receiving family's love and care	4.50	0.68
7. Having a warm family	4.38	0.76
8. Receiving family's care when I am sick	4.55	0.83
9. Joining family life together	4.35	1.18
10. Feeling happiness with the family	4.12	0.87
<b>Self-concept</b>	<b>3.10</b>	<b>0.51</b>
11. Being satisfied with appearance	3.03	1.12
12. Feeling embarrassed and does not want to meet people	3.58	1.51

Table 8 Mean and standard deviation of quality of life's scores in hemodialysis patients as presented by each item (n=60)

Item	mean	S.D.
13. Feeling irritated since I have been treated with hemodialysis	2.68	1.49
14. Feeling got bad luck because of receiving hemodialysis treatment	2.63	1.46
15. Feeling I still have self-esteem and capability	3.60	1.22
16. Feeling I am a sick person	3.83	1.24
17. Having hope because of receiving hemodialysis treatment	2.82	1.32
18. Expecting to get over from this illness	3.57	1.53
19. Being an easily giving-up person	3.67	1.35
20. Being important for my family	4.57	0.83
21. Being a religious person	1.72	1.30
22. Having self-controlled	3.52	1.36
23. Feeling I am getting weak	3.00	1.43
24. Feeling I am the burden of family	2.85	1.60
25. Feeling I am valuable and useful to society	2.37	1.57
26. Feeling valuable at work	2.20	1.45

Table 8 Mean and standard deviation of quality of life's scores in hemodialysis patients as presented by each item (n=60)

Item	mean	S.D.
Health and functioning	2.97	0.56
27. Doing daily activities by myself	4.28	1.11
28. Doing the house work as usual	2.78	1.39
29. Being able to work and study as usual	2.02	1.16
30. Having ability to do the exercises	2.13	1.10
31. Going upstairs to two-storey without rest	3.30	1.33
32. Joining and meeting with friends as usual	3.20	1.19
33. Having sexual activities as usual	1.47	0.75
34. Going out on my own	3.22	1.53
35. Riding bicycle or getting on a bus as usual	2.78	1.40
36. Being satisfied with present capability	2.55	1.33
37. Sleeping well	3.05	1.14
38. Being worried about my health	2.28	1.30
39. Feeling worried with the complication	2.75	1.54

Table 8 Mean and standard deviation of quality of life's scores in hemodialysis patients as presented by each item (n=60)

Item	mean	S.D.
40. Complying with medical treatment	3.80	1.07
41. Taking medication as order	4.37	0.76
42. Feeling I am getting better after receiving hemodialysis	3.58	0.76
<b>Socio-economic factors</b>	<b>3.08</b>	<b>0.69</b>
43. Having enough income for the living	3.10	1.53
44. Having some to help me if I have some financial proble	2.73	1.45
45. Having problem with medical bill	2.87	1.70
46. Having family indebtedness because of hemodialysis treatment	3.72	1.67
47. Having to work harder to get enough income	1.82	1.30
48. Thinking my present job is not suitable for being ill and treated	3.30	1.75
49. Doing not work if having enough income	3.18	1.67
50. Worrying about losing job	4.22	1.46
51. Taking sick-leave without pay cut	2.18	1.69
52. Being more successful if no illness	3.65	1.52

APPENDIX D

Table 9 Mean and Standard deviation of family support's scores in hemodialysis patients as presented by each item (N=60)

Item	mean	S.D.
1. Receiving the moral support from family	0.95	0.22
2. Getting good idea from family	0.82	0.39
3. Having close relationship less than most other people	0.82	0.39
4. Getting the idea from my closest family Members that it makes them uncomfortable	0.82	0.39
5. My family is willing to hear about what I think	0.88	0.32
5. Members of my family share many of interests	0.68	0.47
7. I rely on my family for emotional support	0.83	0.38
8. There is a member of my family I could go to if I were just feeling down, without feeling funny about it later	0.85	0.36
9. My family and I are very open about what we think about things	0.88	0.32
10. My family is sensitive to my personal need	0.80	0.40
11. My family members are good at helping me to solve problems	0.87	0.34
12. I having a deep sharing relationship with a number of members of my family	0.47	0.50
13. When I confide in members of my family, it makes me uncomfortable	0.87	0.34
14. I do not have a relationship with a member of my family that if as close as other people's relationship with family members	0.83	0.38
15. I wish my family were much different	0.73	0.45

APPENDIX E

LIST OF EXPERTS FOR TESTING CONTENT

VALIDITY OF INSTRUMENT

- Sujitra Tiansawad RN, D.S.N., Assistant Professor,  
Department of PB-GYN. Nursing  
Faculty of Nursing, Chiang Mai  
University, Thailand
- Ratanawadee Chontawan RN, Ph.D. Assistant Professor,  
Department of Pediatric Nursing,  
Faculty of Nursing, Chiang Mai  
University, Thailand
- Achara Sukonthasarn RN, Ph.D. Assistant Professor,  
Department of Surgical Nursing  
Faculty of Nursing, Chiang Mai  
University, Thailand
- Pikul Boonchuang RN, Associate Professor,  
Department of Medical Nursing,  
Faculty of Nursing, Chiang Mai  
University, Thailand

## CURRICULUM VITAE

Surname, name	Mrs. Zhang JingPing
Date of birth	April 8, 1965
Curriculum vita	Diploma in nursing science in Hunan Health School, Hunan, China Graduated in 1980 Associate degree in nursing science from Shanghai Medical University Graduated in 1989
Experience	
1980-1986	Nursing staff at medical ward of the Second Teaching Hospital of Hunan Medical University
1986-1989	Nursing student at Faculty of Nursing of Shanghai Medical University
1989-1996	Office staff of the Second Teaching Hospital of Hunan Medical University