

File S1 : Questionnaire on Traditional Chinese Medicine Nursing Competency and Training Needs of Nurses in Guangyuan City Healthcare Institutions

Greetings. We are researchers conducting a thematic study. Thank you very much for taking time out of your busy schedule to complete this questionnaire. This is an academic survey designed to investigate the current state of Traditional Chinese Medicine (TCM) nursing practices in Guangyuan City. The aim is to provide insights and recommendations for the development of TCM nursing in the region.

The questionnaire comprises three sections: Section I covers general demographic information, Section II assesses the current state of TCM nursing competency, and Section III identifies training needs in TCM nursing. Please read each item carefully and provide objective responses. Please note that there are no right or wrong answers. Your input is invaluable to this study, so please ensure you answer all items. We sincerely appreciate your cooperation.

Please select or provide your answer based on the question type. This survey is conducted anonymously. All data collected will be used solely for academic research and will be kept strictly confidential. Your responses will not be disclosed. Please feel assured in providing your answers.

The survey will be available from the date of distribution until December 1, 2024. To ensure data integrity, the system is configured to allow only one submission per IP address. We kindly request your careful and thoughtful responses.

Section I covers general demographic information

1.Type of hospital located

2.Gender

Male

Female

2.Age

20-30 years of age

31-40 years of age

41-50 years of age

51 years and over

3.Length of service

0-5 years

6-10 years

11-15 years

16-20 years

More than 21 years

4.Title

Primary

Intermediate

5.Professional title of associate professor or above

Mode of employment

Be on regular payroll

Not on regular payroll

6. Education attainment

Secondary specialized school

Junior college

Bachelor degree or above

7. Number of nursing techniques in TCM

1-2 items

3-4 items

More than 5 items

8. Which TCM nursing techniques are you capable of conducting? (Select all that apply)

Moxibustion

Acupoint injection

Guasha

Cupping therapy

TCM enema

Acupressure massage

Acupoint application

Auricular point sticking

Wax therapy

TCM soaking and washing

Fumigation with TCM

TCM Ironing

TCM sealing package

TCM application

Ion introduction of Chinese medicine

Rubbing with Chinese herbs

Section II assesses the current state of TCM nursing competency

Basic theoretical knowledge of TCM

1. Basic theoretical knowledge of TCM	1 (Very Unfamiliar)	2 (Unfamiliar)	3 (Neutral)	4 (Familiar)	5 (Very Familiar)
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Yin-yang and five elements

Theory of visceral manifestation

Qi-blood-body fluid

Basic knowledge of meridians and acupoints

Etiology and pathogenesis

Four diagnostic methods

Dialectic

Basic knowledge of TCM

Advantageous diseases

Basic knowledge of TCM
nursing

Common TCM nursing
Techniques

Interpretation of TCM
ancient books

Common TCM nursing techniques

2.Common TCM nursing techniques 1 (Very Unfamiliar) 2 (Unfamiliar) 3 (Neutral) 4 (Familiar) 5 (Very Familiar)

Moxibustion

Acupoint injection

Guasha

Cupping therapy

TCM enema

Acupressure massage

Acupoint application

Auricular point sticking

Wax therapy

TCM soaking and
washing

Fumigation with TCM

TCM Ironing

TCM sealing package

TCM application

Ion introduction of
Chinese medicine

Rubbing with Chinese
herbs

Advanced TCM nursing clinical practice

3..Advanced nursing clinical practice	TCM	1 (Very Unfamiliar)	2 (Unfamiliar)	3 (Neutral)	4 (Familiar)	5 (Very Familiar)
TCM nursing checkup						
TCM chronic disease						
management						
Evidence-based practice						
in TCM nursing						
Research on the technical						
specifications of TCM						
Diagnosis and treatment						
of specialized diseases						
Advantageous disease						
TCM nursing program						
argumentation						
New advances in nursing						
research in TCM						

Section III identifies training needs in TCM nursing

1.Level of willingness to train

- Extremely resistant
- Resistant
- Indifferent
- accept
- Willing to accept

2.Level of emphasis on training

- Extremely neglected
- Neglected
- Normal
- Follow with interest
- Positive attention

3.Number of trainings

- Extremely lacking
- Not enough
- Unclear
- Just enough

4.Regarding training methods for TCM nursing theory, which of the following are your preferred formats? (Select all that apply)

- Flipped Classroom (The instructor identifies problems; students explore independently and collaboratively, then exchange outcomes in class)

- Problem-Based Learning (PBL) Scenario Teaching (Instructor provides a clinical case → students identify issues → students seek solutions and study independently → class resolves problems based on findings, followed by instructor's summary)
- Group Discussion
- Case Analysis
- Micro-lectures (Online learning)
- Self-directed Learning
- 5-Minute Q&A during Morning Handover
- Comprehensive Competency Training at Bedside

5. Regarding training methods for TCM nursing practical techniques, which of the following are your preferred formats? (Select all that apply)

- Live Demonstration
- Flipped Classroom
- Role-Playing
- Practical Skills Competition
- Micro-lectures or Video Demonstrations
- Comprehensive Competency Training at Bedside

6. Which of the following areas do you believe are your most critical training needs in Traditional Chinese Medicine (TCM) nursing? (Select all that apply) [Multiple Choice]

- Basic Theories of Traditional Chinese Medicine
- Fundamental Theories of TCM Nursing
- Knowledge of TCM Health Preservation and Wellness
- TCM Dietotherapy (Nutritional Therapy)
- TCM Nursing Techniques
- TCM Nursing Routines and Protocols
- TCM-Based Patient Condition Observation
- Documentation of TCM Nursing Care
- TCM Nursing Ward Rounds
- Syndrome Differentiation and Specialized Care for Specific Diseases
- TCM Nursing Protocols for Priority Diseases
- Latest Research Advances in TCM Nursing
- TCM Nursing for Chronic Disease Management