Application of Inter-professional Simulation-based Clinical Examination in Extended Nursing Experimental Teaching Practice

Chen Hangjian, Assistant     Wang Guojian, Associate Professor
School of Nursing, Zhejiang Chinese Medical University
chenhangjian9002@sina.com

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Background

- Experimental training is very important for students to improve their abilities of practice and innovation.
- The content of experimental teaching is more and more tightly connected with clinical environment through exploration and research.
Background

◆ The ability of cooperation is necessary for students of majors related with health care, such as medicine, nursing and so on.

◆ Inter-professional training plays an important role to improve the ability of knowledge, affect the professional attitude, and enhance the clinical skills.
To explore the feasibility of inter-professional simulation-based clinical examination for nursing students.

To apply the simulation technology of evaluation on expanding experimental teaching.

To provide scientific basis for formation of medical cooperation education mode, which can help nursing educators and students adapt to the change of the health care system, improve the medical and nursing quality, meet people's growing health needs of the diversification.
Methods

WHO conceptual framework for advancing inter-professional education
Ninety seniors in school of nursing and school of medicine were included in the study.

- Teachers from school of nursing and school of medicine
- Students of major related with health care service
Methods
Methods

Inter-professional cooperation, high-fidelity simulated patients and other simulation technology were used to evaluate students’ clinical abilities.
Methods
Methods

Comprehensive evaluation

Examiners

Students

Team Members
Results

1. The consistency coefficient of two examiners was 0.976.

Frenk, J., Transforming education to strengthen health systems
2. The score ranged from $7.71 \pm 1.22$ to $8.25 \pm 1.16$.

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<tr>
<th>Unit</th>
<th>Score</th>
<th>Difficulty index</th>
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<tr>
<td>Theoretical knowledge</td>
<td>$8.32 \pm 2.13$</td>
<td>0.81</td>
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<tr>
<td>Nursing assessment</td>
<td>$7.33 \pm 1.26$</td>
<td>0.78</td>
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<tr>
<td>Specialized skills</td>
<td>$7.67 \pm 2.01$</td>
<td>0.80</td>
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<tr>
<td>Clinical thinking</td>
<td>$7.36 \pm 0.87$</td>
<td>0.77</td>
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<tr>
<td>Inter-professional collaboration</td>
<td>$7.21 \pm 1.44$</td>
<td>0.76</td>
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Medical University of South Carolina conceptual framework for advancing inter-professional education
Conclusion

• Clinical skills, Professional knowledge

• Ability of cooperation, Sense of humanistic care

• Self-identification, Mutual respect
Inter-professional simulation-based clinical examination can be used as an assessment tool for students’ academic competition.
It’s no longer enough for health workers to be professional.
In the current global climate, health workers also need to be inter-professional.
We care about you.

The end