

**Sigma's 30th International Nursing Research Congress
To Develop an Incontinence-Associated Dermatitis Care Teaching Program for
Nursing Post-Graduate Staff**

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Background: The incontinence-associated dermatitis was a common situation that usually associated with patient had frequent diarrhea in clinical setting. The incontinence-associated dermatitis based on severity of skin damage divided into five levels. Nurses had to learn to distinguish the incontinence-associated dermatitis level and provided different skin care and material, even collaborated with other health member. All of these were hard to learn for new nurses. For the purpose of early detection and early treatment, we develop an incontinence-associated dermatitis care teaching program and evaluate this teaching program by Objective Structured Clinical Examination (OSCE) test.

Methodology: Based on the six core competencies (Medical Knowledge, patient care, Interpersonal and communication skills, professionalism, Practice-based learning and improvement, Systems-based practice) of the Accreditation Council for Graduate Medical Education (ACGME), *we created an incontinence-associated dermatitis care teaching program. This program included three parts: incontinence-associated dermatitis teaching video for learning, simulated incontinence-associated dermatitis situation for practice and OSCE for evaluation.* The procedure is (1) to take an OSCE pre-test; (2) to participate this teaching program; (3) after one week, an OSCE post-test be given. In the Interpersonal and communication skills core competencies part, we design the new nurse must consult the Physician and dietitian. So, there are nursing teacher, physician and dietitian in the OSCE examination room.

Result: Five new nurses participate in this pilot program. According to the six core competencies of The ACGME, medical knowledge part increases from 40.8 to 63.2(0~73), patient care part increases from 21.4 to 35.4(0~40), interpersonal and communication skills part increases from 13 to 14(0~15), professionalism part increases from 5.4 to 9.6(0~12), practice-based learning and improvement part increases from 19.4 to 27.8(0~31), systems-based practice part increases from 59.2 to 86.8(0~100). Conclusion: The result shows that incontinence-associated dermatitis care teaching program is an effective intervention for new staffs to promote their ability on incontinence-associated dermatitis patient care.

Title:

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Keywords:

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References:

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Abstract Summary:

1.To develop an incontinence-associated dermatitis care teaching program including teaching video for learning, simulated incontinence-associated dermatitis situation for practice. 2.To evaluate this outcome by using OSCE test.

Content Outline:

- 1.The incontinence-associated dermatitis was a common situation in an academic medical center.
- 2.The typical IAD five pictures on textbooks are not enough to evaluate the clinical situation and manage it.
- 3.We create an IAD evaluation and nursing care video.
- 4.The OSCE test is given for pre-test and post-test.
- 5.All 5 new nurses are improved after this teaching program.

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