

## NURSING CARE

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**Effectiveness of chinese topical medicine in treating incontinence associated dermatitis****Li-Hui Su<sup>1,2</sup>, Hui-Na Tsai<sup>1,2</sup>, Shu-Chiao Chen<sup>1</sup>, Ho-Yiu Wong<sup>1</sup> and Chung-Rong Ho<sup>3</sup>**<sup>1</sup>China Medical University Beigang Hospital, Taiwan<sup>2</sup>Min-Hwei Junior College of Health Care Management, Taiwan<sup>3</sup>Hualien Tzu Chi Hospital, Taiwan

Patients in ICU are prone to diarrhea/incontinence and may wear diapers for a longer period of time. Irritated by pasty/watery stool, their perineal skin becomes red and ulcerated. Incontinence-Associated Dermatitis (IAD) is the most seen problem. Without proper care, skin breakdown increases care difficulties and impacts nursing care quality. Although providing frequent skin cleaning or skin infiltration preventive care, it is hard to stop skin redness and breakdown. The purpose of this study was to investigate the effectiveness of applying Chinese topical medicine in treating patient with IAD in ICU. The study was a Quasi-experimental design with purposive sampling. 12 patients with IAD in medical ICU in one local hospital were recruited. Patients in the experimental group were cared using Jinchuang and Sanhuang ointments while those in the control group received usual care. Data were collected using incontinence associated skin damage scale from July to November, 2018. Severity degree 1 (16.7%) and 2 (83.3%) of dermatitis in the experimental group decreased to degree 0 (33.3%), 1 (33.3%) and 2 (33.3%), respectively from pre-test to postp-test with 83.3% of improvement. Percentage of 66.7% for severity degree 1 and 33.3% for degree 2 in the control group changed to 50% for degree 1 and 2 from pre-test to post-test. Prevalence of IAD in ICU was 26.32%. Cardiovascular disease, antibiotic use and stool type were risk factors for IAD. It is suggested intervening actively before severity degree 2. Since Chinese medicine could effectively improve IAD, it can be applied in clinical.

**Biography**

Li-Hui Su is a Clinical Instructor and has been a Registered Nurse for more than 25 years. She is currently a Nurse Manager in the Department of Nursing in China Medical University Beigang Hospital. She has completed her Master's degree in Nursing.

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