



Healing of skin protectant on Management of Incontinence-Associated Dermatitis in adult

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Background

Incontinence-Associated Dermatitis is caused by exposure to physical or chemical stimuli for a long time. It not only makes skin barrier infiltration, erosion, and blisters but also increases the pressure injury rate. The most important is making the patient feel uncomfortable. In intense-care unit, a critical patient who has diarrhea due to the severity of the disease, continuous feeding, antibiotics, and other factors feels pain, prolongs the length of hospital stay, and increases the cost. We search for appropriate care methods for IAD by evidence-based.

Method

We used PubMed and Chinese Electronic Periodical Services (CEPS) to investigate literature by using the PICO search tool.

Result

The results of the study showed that the addition of skin protectants to routine skin care can effectively promote skin healing in IAD patients. It is recommended that a structured skin care regimen can be implemented. Effective cleansing and skin protection can help prevent the deterioration of skin integrity and IAD healing. As provided below, first, Avoid repeated use of soap and water for skin cleansing of IAD patients. Second, consider using a neutral skin cleanser and conditioner. Third, it is recommended to use the Ghent Global IAD Categorization Tool (GLOBIAD) to regularly assess and report the integrity of the skin. Forth, Sufficient nursing education and training should be provided for IAD care. Fifth, Patient Decision Aids (PDAs), suggest that doctors can explain the effectiveness of skin protection to patients and families, and make decisions on medical options that suit the patient's preferences.

Conclusion

To promote skin healing, improve the quality of care, and improve the clinical outcomes of critical cases and long-term bedridden patients, we aim to search for appropriate care methods for IAD by evidence-based. Yuka Kon and other scholars conducted that acrylate terpolymer and polydimethylsiloxane can form a barrier between the stratum corneum and physical or chemical stimuli, and promote the healing of IAD skin. Therefore, regular use of skin protectants can reduce skin inflammation, improve the stratum corneum and hydration reaction, and lower skin pH value. It is recommended to use structured skincare combined with skin protectants, which can improve the quality of care, increase patient comfort and promote IAD skin healing.

