



Improve the correctness of patient self-care after joint replacement surgery

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INTRODUCTION

- According to the 2020 National Health Insurance Medical Statistics of the Ministry of Health and Welfare, the 65-74 age group accounts for about patients.
- Degenerative arthritis is accompanied by swelling, pain, stiffness, limited squatting, difficulty climbing stairs and walking, etc., which affects the quality of daily life and self-care ability of individuals, leading to an increase in the need for joint replacement surgery.
- The most important thing after surgery is to prevent wound infection.
- After discharge from the hospital, continue to take care of the wound properly to avoid wound infection and promote healing. Poor wound healing affects quality of life.

METHOD

- Research Design
Intervention study
- Research Tools
Wound Assessment Scale. & Pain Rating Scale
- Sample size
300 joint replacement patients

INTERVENTION

- Intervention improvement strategy
- (1) Create a "Wound Care and Health Education Guidance Handover Card" to improve the consistency of nursing staff's wound care and health education guidance for patients after surgery.
- (2) Make a "Magic Dressing card" and use images to increase memory. The nursing staff assists in the actual operation.
- (3) Produce a health education video "Tips on Wound Care After Artificial Joint Surgery" and provide it to patients one day before surgery, and they can watch it over and over again to enhance their memory.
- (4) "Traffic Light Warning Chart for Wound Assessment". The assessment content includes assessment of the redness range of the wound, assessment of swelling of the affected area, and photos to assist in enhancing the patient's vision and attracting his attention.
- (5) "Customized Wound Magic Care Package". The cover uses pictures and text to explain the dressing materials, steps and wound precautions, simplifying the time and process of preparing wound care supplies after returning home.



Figure 1. Magic Dressing card

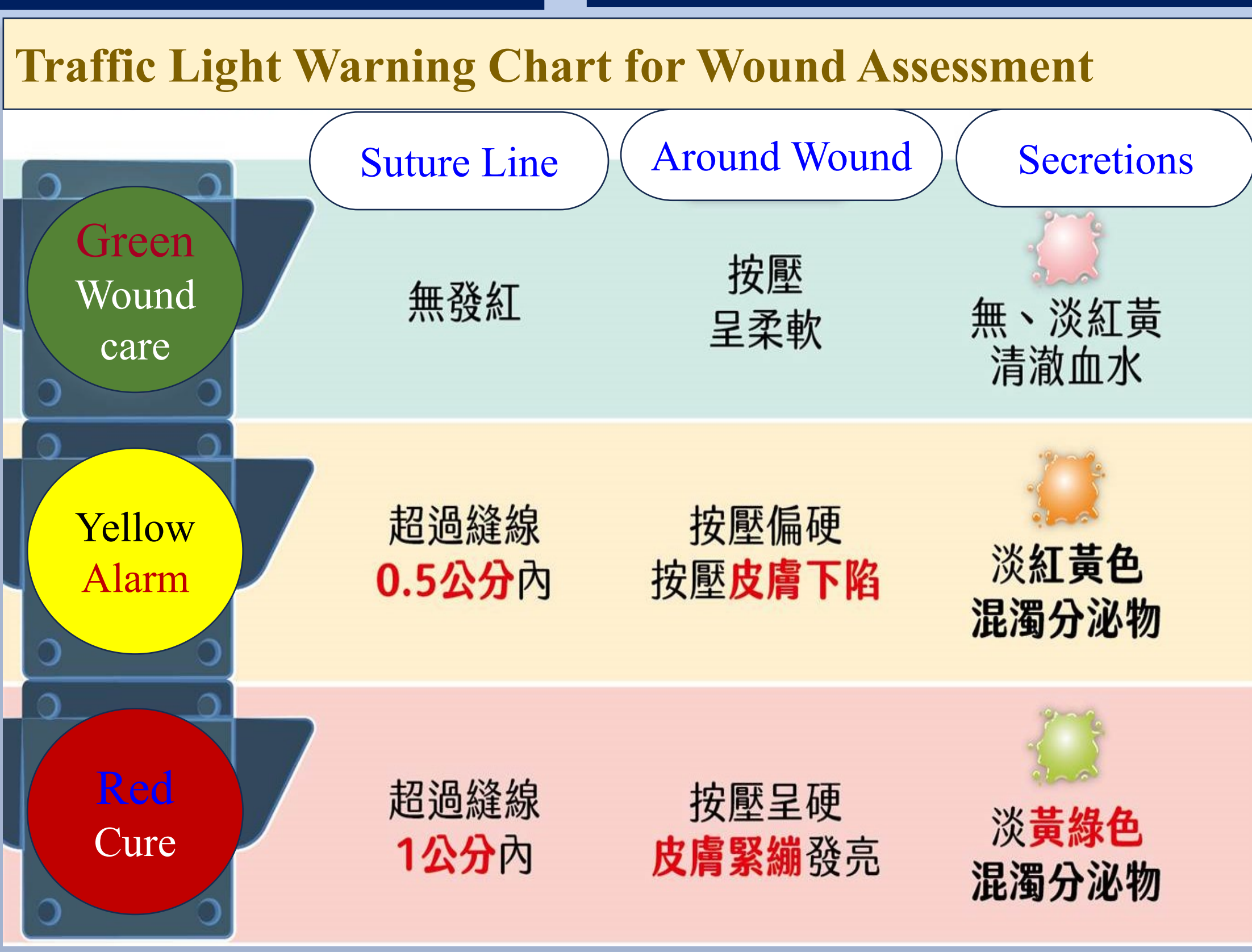
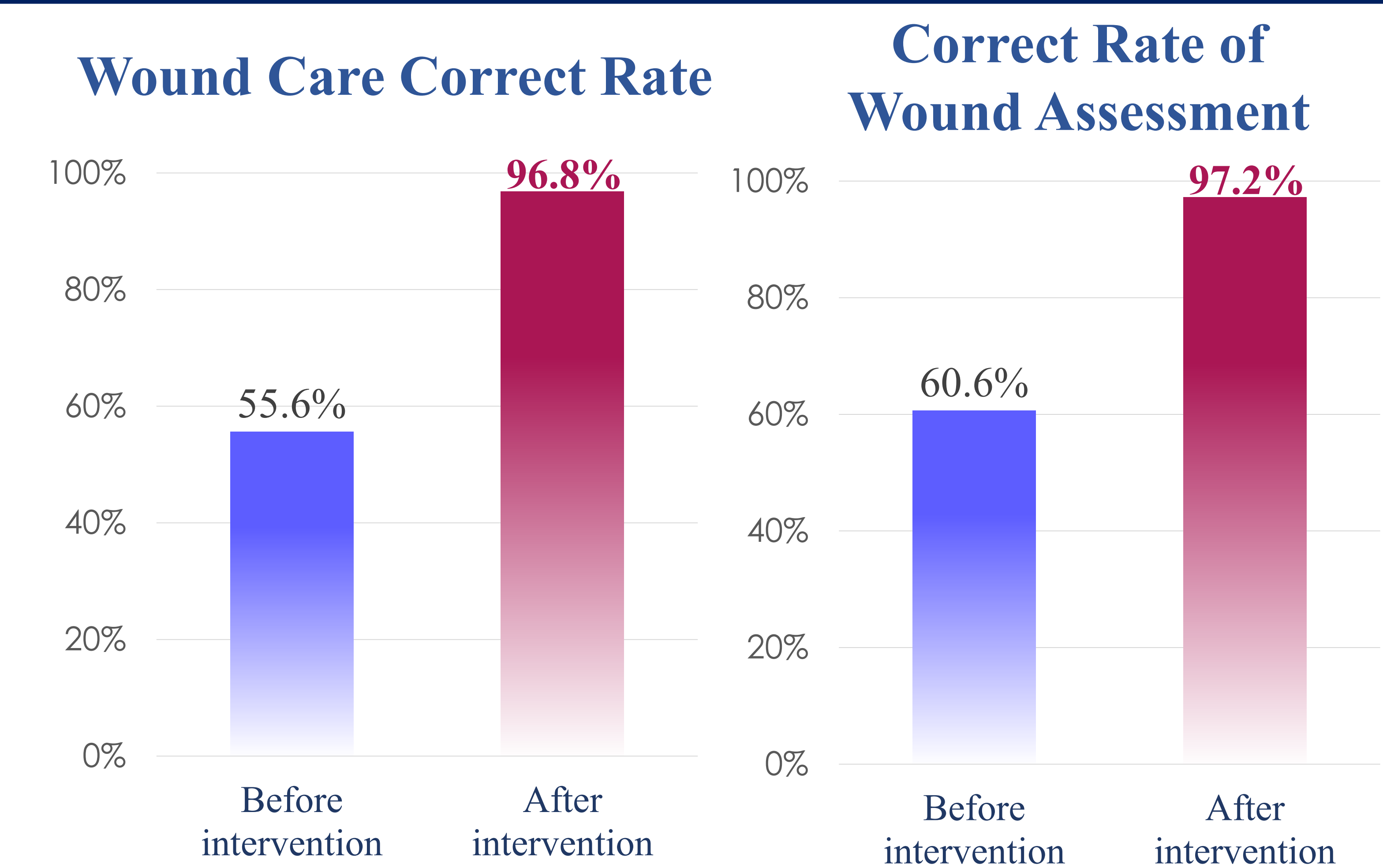


Figure 2. Traffic Light Warning Chart for Wound Assessment



Figure 3. Customization Wound Magic Care Package

RESULT



CONCLUSIONS

- The purpose of to improve the accuracy of wound self-care for patients after joint replacement surgery.
- Increase the consistency of nursing staff's wound care education for patients after joint replacement surgery.
- Remind patients of wound assessment and care steps, understand that wound abnormalities require return to the hospital.
- This project provides guidance for patients to correctly perform wound self-care and abnormal observation when they return home, effectively improving the quality of care and avoiding wound infection and readmission after return home, which increases medical costs.