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Utilizing a systematic care model to enhance the comprehensive guidance of cellulitis disease nursing.

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OBJECTIVE

Cellulitis is a common bacterial infection of the skin, typically caused by damage to the epidermis, allowing pathogens to enter the body through the compromised skin, leadin g to infection. Patients are prone to disease recurrence and readmission after discharge, often experiencing limitations in activities d ue to pain during walking. Subsequent com plications may include malnutrition, urinary or fecal incontinence, and depression. Low er limb muscle weakness may develop, incr easing the risk of falls. Enhancing disease a wareness and timely intervention in diseas e care guidance can reduce the likelihood o f recurrent infections, thereby lowering hea lthcare costs, improving medical quality, an d ensuring patient safety.

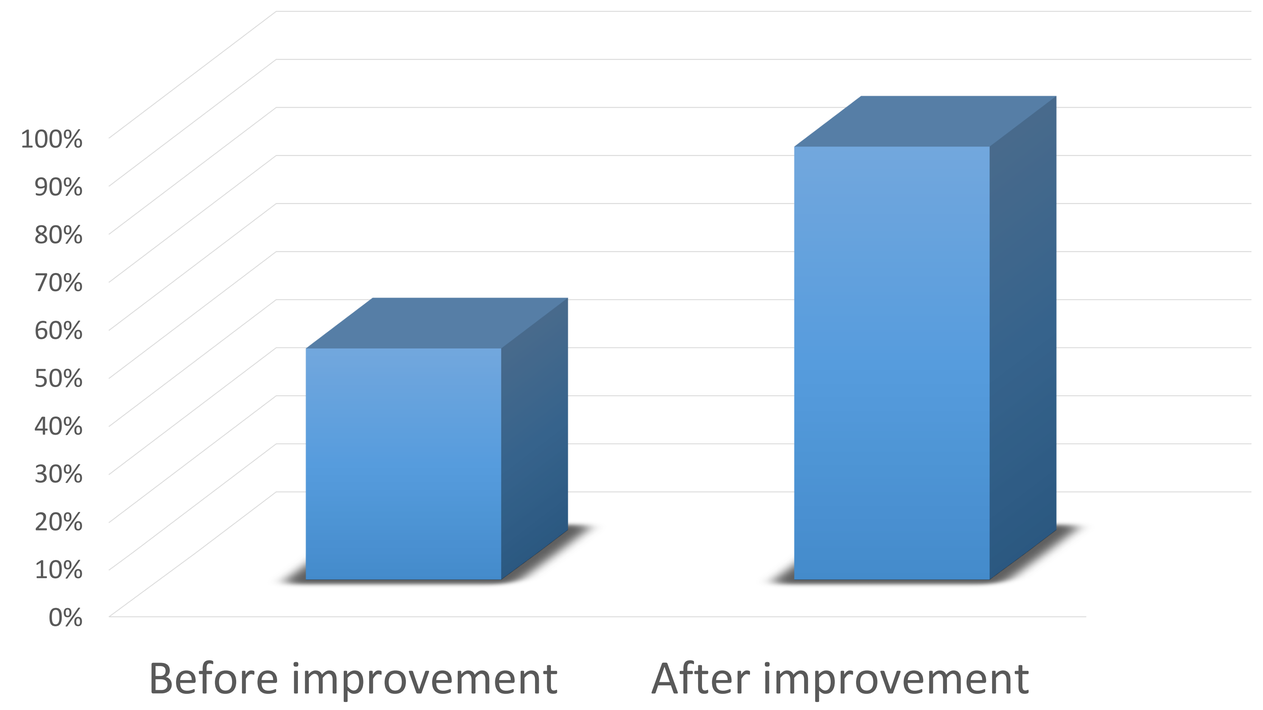
Background

1. Epidermis damage → skin bacterial infection→ cellulitis
2. Symptoms: activity limitations due to pain and muscle weakness, malnutrition, depression.
3. Low awareness and incompleteness of nursing education about cellulitis is noted.

RESULTS

By implementing systematic care measures, the correct understanding of disease care guidance among cellulitis patients increased from 48.3% to 90.3%. The integrity of nursing personnel's execution of cellulitis disease nursing guidance also improved significantly, rising from 60.9% to 90.6%. These outcomes reflect a substantial improvement in the effectiveness of care measures.

The completeness of nursing staff's implementation of cellulitis care instructions increased from 48.3% to 90.3%.



METHOD

Implementing online self-learning

Designing systematic nursing guidance procedures

Creating multimedia

Checklist for cellulitis disease nursing guidance

Multilingual wound care step-by-step visual aids

SOLUTIONS

1. Implementing online self-learning course including creating multimedia
2. Designing systematic nursing guidance procedures
3. Checklist for cellulitis nursing care guidelines
4. Multilingual step-by-step wound care brochures with visual aids

CONCLUSION

1.The success of this project can further reduce the recurrence of cellulitis and readmission rate.
2.The guidelines can be a standard care for all cellulitis patients.
3.Further research with patients in community and other facilities/hospitals are warranted.

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