

IMPROVE NURSING STAFF'S ABILITY TO CARE FOR CHEMOTHERAPY PATIENTS

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Introduction

Cancer incidence rate 520.9/pre 100,000 population in November 2023. Chemotherapy is a common treatment. Chemical drugs are cytotoxicity. Nursing staff must strictly abide by chemical drug delivery technology and evaluate during medication process and give to patients nursing guidance.

If drug spill or seepage, patient and environment handling are very important. Improper handling will cause patient and staff harm, and increase medical costs. This unit beginning implement chemotherapy since November 2023. And only 17% staff had chemotherapy care experience 5 years ago. It is hope that clinical care capabilities can be improved through chemotherapy-related training.

Methods

Design education program. Personnel actual operation of Port-A placement by artificial blood vessel mold. Practical drills on chemical spill handling procedures and chemical drug administration evaluation. Provide immediate guidance on problem points. (Figure 1~6)

Results

4 educational courses held during April-September. 100% of course satisfaction. Each nurse completion chemical drug administration evaluation and practical drills on chemical spill handling procedures at least once. Statistics of a total of 76 chemotherapy administration from November 2023 to June 2024. No unusual events occur. There were no anomalous occurrences.

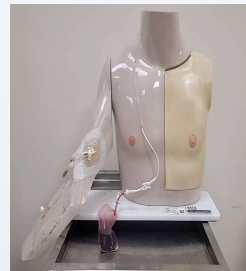


Figure 1
Model teaching aids



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

Chemotherapy spill drill

Discussion

During patient's chemotherapy treatment, artificial vascular placement, correct drug administration, and complete patient education on the relevant precautions are all very important. When an abnormality occurs, handle it correctly to minimize the damage. It is hoped that through intervention measures, we can effectively improve the nursing ability of nursing staff, and then improve the quality of care.

References

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