



Reduce the Case of Catheter Self-extraction in Acute Medical Ward

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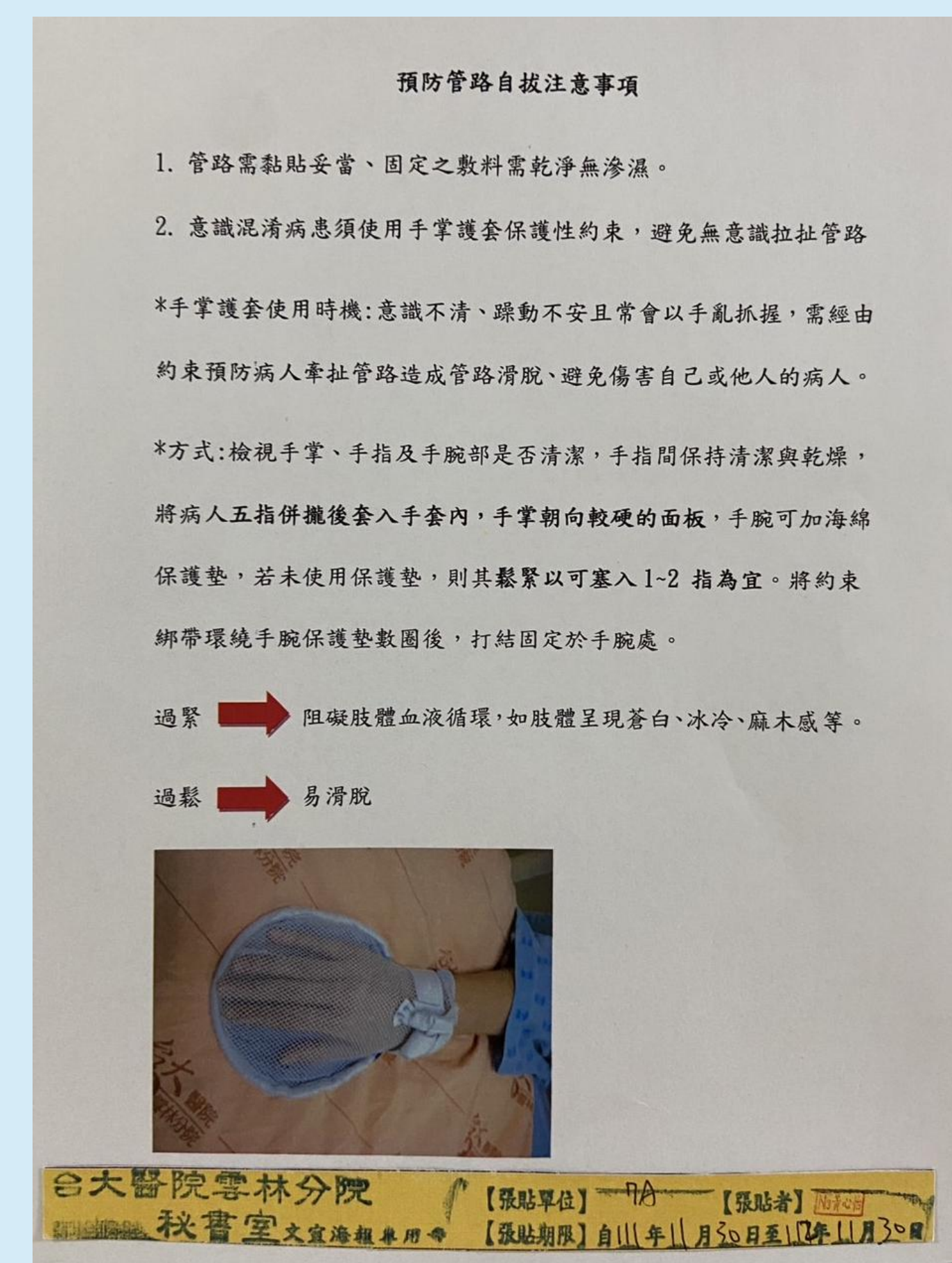
INTRODUCTION

In the acute ward of the Nephrology Department, there were 2 cases of catheter self-extraction (ND, Double-lumen) from January to August 2022, with one person of minor damage. So it triggers an improvement motivation. Through case analysis and current situation investigation results, the reasons are as follows:

1. Patients and family members ignore the danger of catheter self-extraction.
2. For patients with high-risk self-extraction tubes, the tube wounds were not treated with moisture-proof treatment and health education before taking a bath.
3. Improper fixation of the catheter.
4. Failure to properly educate family members on the correct use of palm covers.
5. The palm covers were worn out and needed to be replaced.

METHOD

1. Strengthen the health education on the damage of catheter self-extraction for patients and family members, implement catheter safety education, catheter wound care and use of palm covers, make health education posters and post them in the corridors of the wards.
2. Standardize tube fixation for kidney dialysis tube, use waterproof op sit to cover the tube, and stick it flat to the skin, so that the tube is not easy to pull.
3. Design and make a "protective skirts" to prevent patients from pulling the tube.
4. Nurses check the patient's tube and palm covers are properly fixed every shift.
5. Replace damaged palm covers.



AIM

Therefore, use PDCA improvement method to reduce the case of catheter self-extraction and improve patients safety.

ACKNOWLEDGEMENT

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RESULTS

1. In the past 5 months, 65 patients with kidney dialysis have no self-extraction of the tubes (Double-lumen, Hickman).
2. No catheter self-extraction has occurred in the past 5 consecutive months.

CONCLUSIONS

We include patients and family members as part of the team through the motivation to reduce the case of catheter self-extraction, use unlimited creativity to develop "protective skirts" and formulate tube fixation standardization. At the same time, patients safety is improved through improved tools.

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