

Comparison of two Different Dressing Modalities in the Prevention of Outer Cuff Excursion in Patients Undergoing Peritoneal Dialysis

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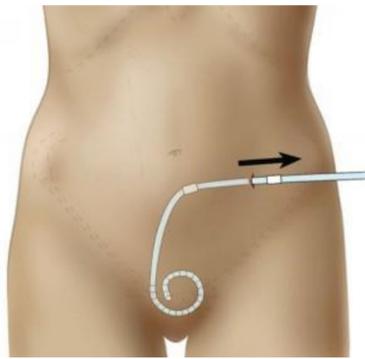
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INTRODUCTION

Peritoneal dialysis (PD) offers quality of life advantages in the treatment of patients with end stage renal disease (ESRD), since, with time, patients become self-sufficient and are able to cope with potential problems arising from this procedure. Patients start receiving intensive training on catheter care from the initiation of PD. Preventive measures are of utmost importance for protection against catheter-associated infections. These include use of pre-operative antibiotics, exit site care and local antimicrobials.

AIM OF THE STUDY

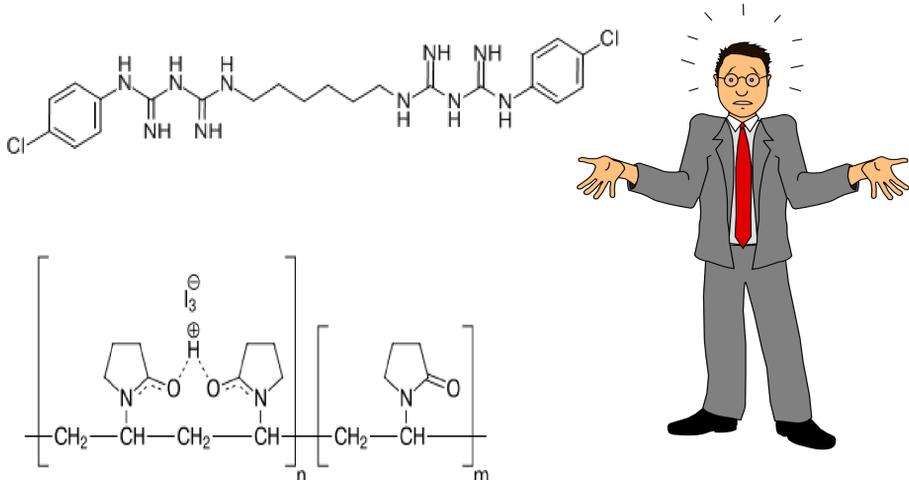
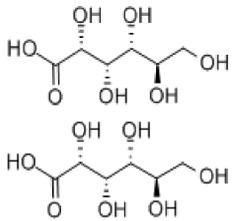
To make a comparison in terms of outer cuff excursion when exit site care is performed with two different dressing materials.



MATERIAL AND METHOD

Training on the use of dressings provided by PD nurses is very important for the prevention of bacterial colonization and catheter exit site infections as well as for maintaining the patency of the catheter by minimizing the catheter exit site trauma.

In this poster we present a comparison between the use of povidone iodine or chlorhexidine gluconate for the routine care in PD patients with regard to the prevention of catheter exit site infections, peritonitis, tunnel infection, hyperemia, edema, and increased temperature in the setting of outer cuff excursion.



RESULTS

In our previous experiences we were using povidone iodine for exit site care and dressing of the catheter. With povidone iodine there were much more irritation, sensitivity and allergic reaction. When we switch our procedure to chlorhexidine gluconate all of these reactions reduced and disappeared as shown the pictures below.

Our results have suggested a better outcome with chlorhexidine gluconate.



REFERENCES

1. Peritoneal Dialysis Application Book – Prof.Dr. F:F: Ersoy
2. Peritoneal Dialysis Handbook