

## A improvement project of Use health education guidance to reduce purple urine bag syndrome incidence.

ISQUA-P495

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### Objectives

According to the literature that purple urine bag syndrome, PUBS, often occur in bedridden, longterm catheter indwelling, elderly woman and chronic constipation patients. It says the incidence of purple urine bag syndrome accounted for 8.3-9.8% (Dealler et al., 1989; Guo et al., 2010). In 2014, the urinary tract infection rate was 96.7%, the number of catheter indwelling patient was 79 and the purple urine bag syndrome patients was 9 and the incidence was 11.3% in the institution.

### Methods

After throughly analysis, we found the clinical data was significantly higher than the result of verification and few people pay attention to it. When the problem occurs, if often make family and main care-giver very confused. Therefore, it induce our motivation to establish a group and hope to enhance the knowledge, ability and proper care rate to prevent the purple urine bag syndrome occurs. Through analysis we found, the use of health education guidance to reduce the high incidence rates of purple urine bag syndrome, the main reason are: 1. purple urine bag syndrome lacks of a clear specification of care method, 2. when purple urine bag syndrome occurs, the demands of care-giver does not conform to the guidance of nursing care. For the above problems, our group based on the problems make a nursing guidance manual of purple urine bag syndrome, it contains photography and has Chinese-English, Chinese-India two editions. The care-giver does not need to see the word and could understand it by photography and could increase reading opportunities and memories. We make care standard of purple urine bag syndrome as a carry out method.

### Results

After months of project execution, the result not only provides home nursing care guidelines of purple urine bag syndrome, also allows care-givers fully understand their care knowledge and behavior, thus enhance the quality of patient care.

### Conclusion

We hope that through this project, we can provide a reference for the occurrence of purple urine bag syndrome in relevant institutions.