MANAGEMENT OF LOWER URINARY TRACT DYSFUNCTION IN ACUTE CARE: WHAT IS IMPORTANT FOR MEDICAL STAFFS TO GET MORE APPROPRIATE BEHAVIOR?

Yoshikawa Y, Fukatsu A, Kamihira O, Wanigawa R, Osoegawa T

Department of Urology, Komaki City Hospital

**Introduction**

- Indwelling urinary catheters (IUCs) initially placed in acute care frequently. Inappropriate use of IUCs or continued overuse of IUCs leads to both infectious and non-infectious complications.
- Many of patients in acute care have increasing post voiding residual bladder volume (PVR). If PVR increasing is missed, that may lead to complications for upper urinary tract.
- Every medical staff should have correct understanding and solid skills for urinary tract management.
- This study aimed to evaluate the results of improvement effort to reduce inappropriate urinary catheter use

**Methods**

- We started an effort to reduce inappropriate urinary catheter use and improve the management for urinary tract dysfunction of patients in our institution since 2010.
- Educational programs for medical staffs (nurses, young doctors, physiotherapists)
- Surveillance of patients with IUCs annually
- Prepared ultrasonic bladder scanner in each ward so that medicals be able to assess PVR at the bedside of inpatient.
- Educations of medical staffs how to assess voiding function of the patients on the job.

**Results**

- 440-481 (mean 461.17) patients were admitted to our hospital on the day of the survey (2010 – 2016)
- Table 1 shows an decrease in number and rate of IUCs

**Conclusions**

- It is important for medical staffs working in any unit, whether in urological or in non-urological, to have adequate knowledge and skills to assess the urinary tract problems of patients in acute care.
- It is important for managers of the medical institution to set up educational programs regularly, and prepare necessary equipment actively

**Disclosures Statement:** Authors have no affiliations to disclose.