Cysview Instillation in the Preoperative Setting

Araceli Flores, MSN, RN, AGNP-C, CCRN, CAPA, Amelia Quizon, MSN, RN, CAPA, Tissy Abraham, BSN, RN, CCRN & Paul Nguyen, RN, CMSRN

Background
Cysview is a pharmaceutical product that helps illuminate non-muscle matter, specific to bladder cancer tumors, making it easier to distinguish between cancerous and non-cancerous matter. Cysview is administered in the preoperative area, within 1 hour of the patient’s surgery. It is vital that perioperative nurses are aware of the implications regarding Cysview, as well as the importance of proper timing of instillation.

Intervention
An observation of the nurses’ process with Cysview administration was conducted both pre and post implementation. After the assessment of the nurse’s knowledge of properly preparing and administering Cysview, all preoperative nurses completed a one-to-one in-service. An educational program was developed that included a PowerPoint presentation, as well as “hands on” demonstration.

Results
To effectively evaluate the knowledge of nurses regarding Cysview insertion, observational audits were conducted.

- The pre-implementation audits indicated a 71% knowledge deficit.
- The post-implementation audit demonstrated an 89% increase in knowledge.

Implications for Nursing
Providing standardized education and training for preoperative nurses expands knowledge and skills that can have a positive impact on the oncology population. Annual competency assessments will be provided to ensure continuity in proper Cysview instillation.

References

Acknowledgements
Mary Ann Del Rosario, MSN, CAPA
Soo Ok, MSN, CPAN
Felicia Selman, MSN, RN, CAPA

Formal education with PowerPoint
1:1 Post-observation audit
Immediate feedback provided

1:1 Pre-observation audit
Immediate feedback provided

Cysview Audit Results

Don PPE (gloves, gown, mask with shield)

Place gauze around catheter tip while injecting

Place gauze around meatus opening around catheter

Wrap catheter in drape

Remove PPE

Don PPE

Gauze around catheter tip

Gauze around meatus

Drape catheter

Remove PPE

Pre-Implementation

Post-Implementation

66.6% 71.7% 27.2% 31.8% 100.0% 93.8%

54.3% 37.9% 37.9% 46.8% 56.8%