

## Introduction

- Health care professionals follo clinical algorithms to aid in de making
- Algorithms are effective in facilitating learning and adher best practice (DuPen, Ersek, Jablonski 2011)
- Review of policies and proced at our facility revealed a need bladder management guidelin specific to inpatient rehabilitat patients
- Literature search failed to yield uniform information on bladde management relating to urinar retention; target to catheterize between 100-350ml
- **Essential First Steps: Nursing** administration and physician buy in of building an algorithm

# The Road to Building a Bladder Management Algorithm Mary S. Via<sup>1</sup>, RN, CRRN; Alice M. Christaldi<sup>1</sup>, BSN, RN, CRRN; Melody F. Sharp<sup>2</sup>, DNP, RN; Stimis R. Smith<sup>1</sup>, MBA, RN, CRRN; <sup>1</sup>Carilion Clinic, Roanoke, VA;<sup>2</sup> Jefferson College of Health Sciences, Roanoke, VA

	Methoc
ow cision	<ul> <li>Experienced rehability and physicians gave components of the cl</li> </ul>
ence to &	<ul> <li>Key elements:         <ul> <li>clinical indicators f management</li> <li>time of admission scan</li> <li>target post void re performing intermi catheterizations</li> <li>intervals for timed</li> <li>specific tasks with meet bladder man</li> </ul> </li> </ul>
d ry e varied	<ul> <li>Multiple revisions we through inter-profess collaboration prior to of the algorithm</li> </ul>
ן practice	<ul> <li>Team meetings were the accuracy, clarity, of the algorithm</li> </ul>

tation nurses input toward linical algorithm

## for bladder

to first bladder

sidual (PVR) for ittent urinary

voiding alternatives to agement goals

re completed sional implementation

held to validate and usefulness

The algorithm was introduced to staff through didactic presentation prior to implementing a six month pilot study on stroke patients

# study

• With slight modifications to the clinical indicators and interval of timed voiding, this algorithm can be used on a wider range of rehabilitation patients

DuPen, A., Ersek, M. & Jablonski, A. (2011) The Use of Algorithms in Assessing and Managing Persistent Pain in Older Adults. American Journal of Nursing; March 2011; Vol. 111, No. 3

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### Results

### Conclusion

• The use of the developed algorithm was effective in our

### References