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921 Establishing the Role of Bedside Disposable Cystoscopes for Emergency Urethral Catheterisation

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Introduction: Where urethral catheterisation fails, cystoscopy may enable urologists’ adequate views to identify the urethral channel. Traditionally this has required a slot on the emergency operating list. Our district general hospital introduced single use flexible cystoscopes to allow for bedside catheterisation and here we present our experience.

Method: Data was collected prospectively each time a disposable scope was used for urethral catheterisation over a 4-month period. A form was designed and distributed to all six clinicians who used the device. We evaluated both assessment of the scope and the success of the procedure.

Results: 16 forms were collected. Overall, the experience was described as good in 14 out of 16 instances. Catheterisation was successful in 14 cases. 13 forms described the image of the scope as being average, with three describing it as good. 10 forms reported good flexibility, with six reporting it as average. On seven occasions the clinician denied difficulty passing the scope through the narrowing. Six clinicians found the views of the bladder adequate although in eight of 16 cases, the bladder was not visualised. Not all feedback was positive with some clinicians reporting weak irrigation and the challenge of the scope having only one channel.

Discussion: The disposable scope showed high efficacy for insertion of a urethral catheter in cases of difficult urethral catheterisation. Clinicians highlighted good lighting and irrigation as well as flexibility. The introduction of disposable cystoscopes saves resources as well as being financially sensible. we will continue its use in our departments.