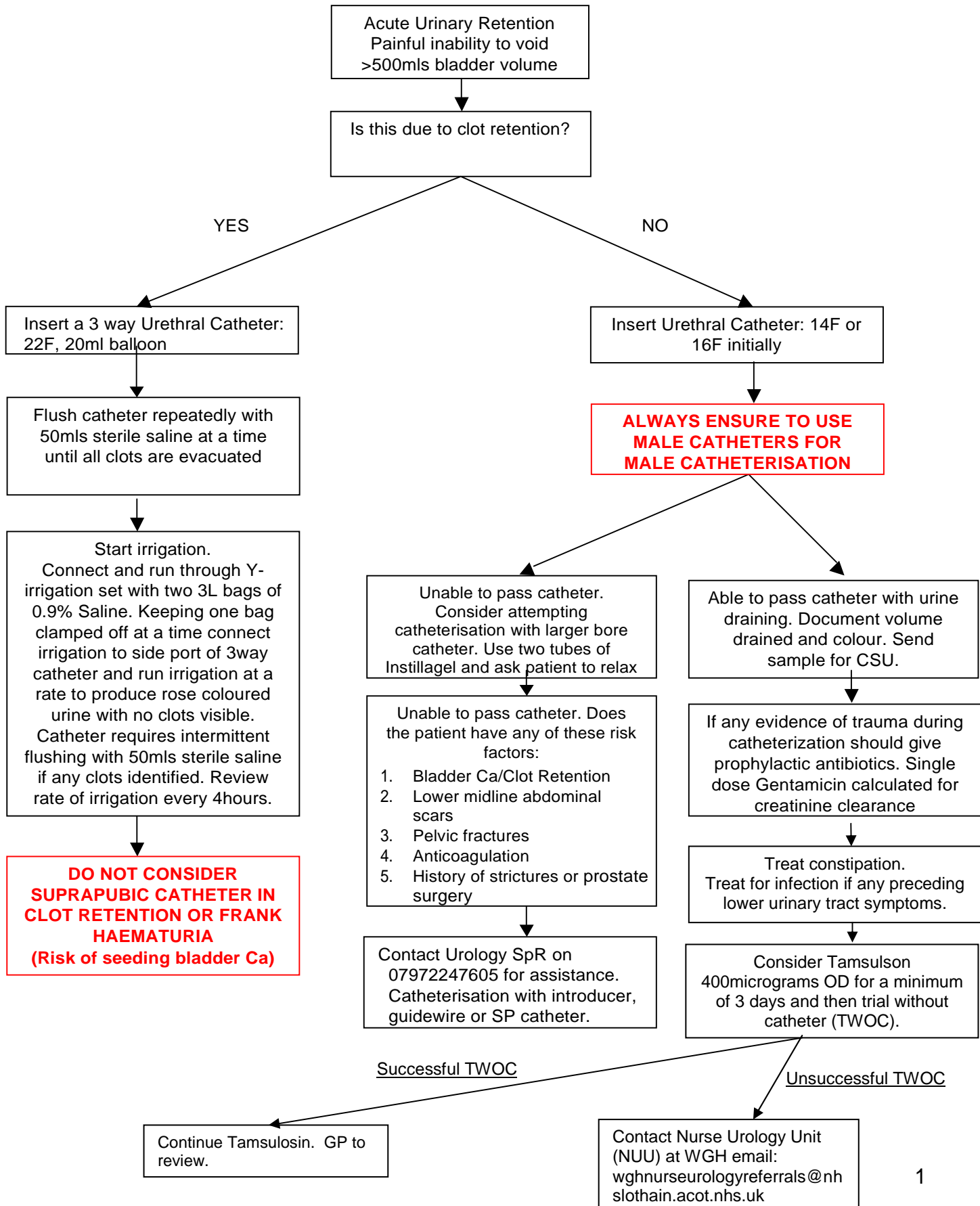


**Critical Care Guidelines
FOR CRITICAL CARE USE ONLY**

Urology Guidance for Critical Care Patients



Critical Care Guidelines FOR CRITICAL CARE USE ONLY

Table 1: Causes of Urinary Retention

Both Sexes	Women	Men
Pain	Pelvic prolapse	Benign prostatic hyperplasia
Haematuria resulting in clots obstructing the urethra	Post stress incontinence surgery	Urethral stricture
Pelvic fracture causing urethral rupture	Pelvic masses	Prostatic abscess
Drugs: Antiarrhythmics, Anticholinergics, Antidepressants, Antipsychotics, Hormonal agents, Muscle relaxants, Sympathomimetics alpha and beta.	Fowler's syndrome (impaired relaxation of external sphincter in premenopausal women. Association with polycystic ovarian syndrome)	Prostate Cancer
		Urethral trauma
		Straddle Injury
Neurotropic viruses (HSV, HZV)		
Sacral spinal cord injury		
Multiple sclerosis		
Diabetic neuropathic bladder		

Table 2: Troubleshooting Catheters

Problem	Suggestion
Catheter blocked	Check position of catheter. Regular bladder washouts with 50mls sterile saline, and increase catheter size to larger lumen.
Catheter bypassing	Remove 1-2ml from catheter balloon. Can prescribe antispasmodic eg: solifenacin
Failure to void after removal	See previous page (Unsuccessful TWOC)

Types of Catheter

Short Term: Foley, rubber, latex catheters. Can be left in place for up to 6 weeks. Flexible and cheap.

Long Term: Silastic, latex free, Teflon catheters. Can be left in place for up to 3months.

Three Way: Allow saline to run in and out of the bladder to dilute haematuria and prevent clots blocking the catheter.

Suprapubic Catheters

Indication: Failed urethral catheterization. Preferred site for long term catheters.

Technique: THIS SHOULD ONLY BE PERFORMED BY AN EXPERIENCED PERSON. Always aspirate using a green needle prior to insertion. The British Association of Urological Surgeons recommend all SPCs are inserted under ultrasound guidance. Mediplus SP catheter kits come with a seldinger introducer set. Otherwise, a BARD 16F or 14F will suffice.

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