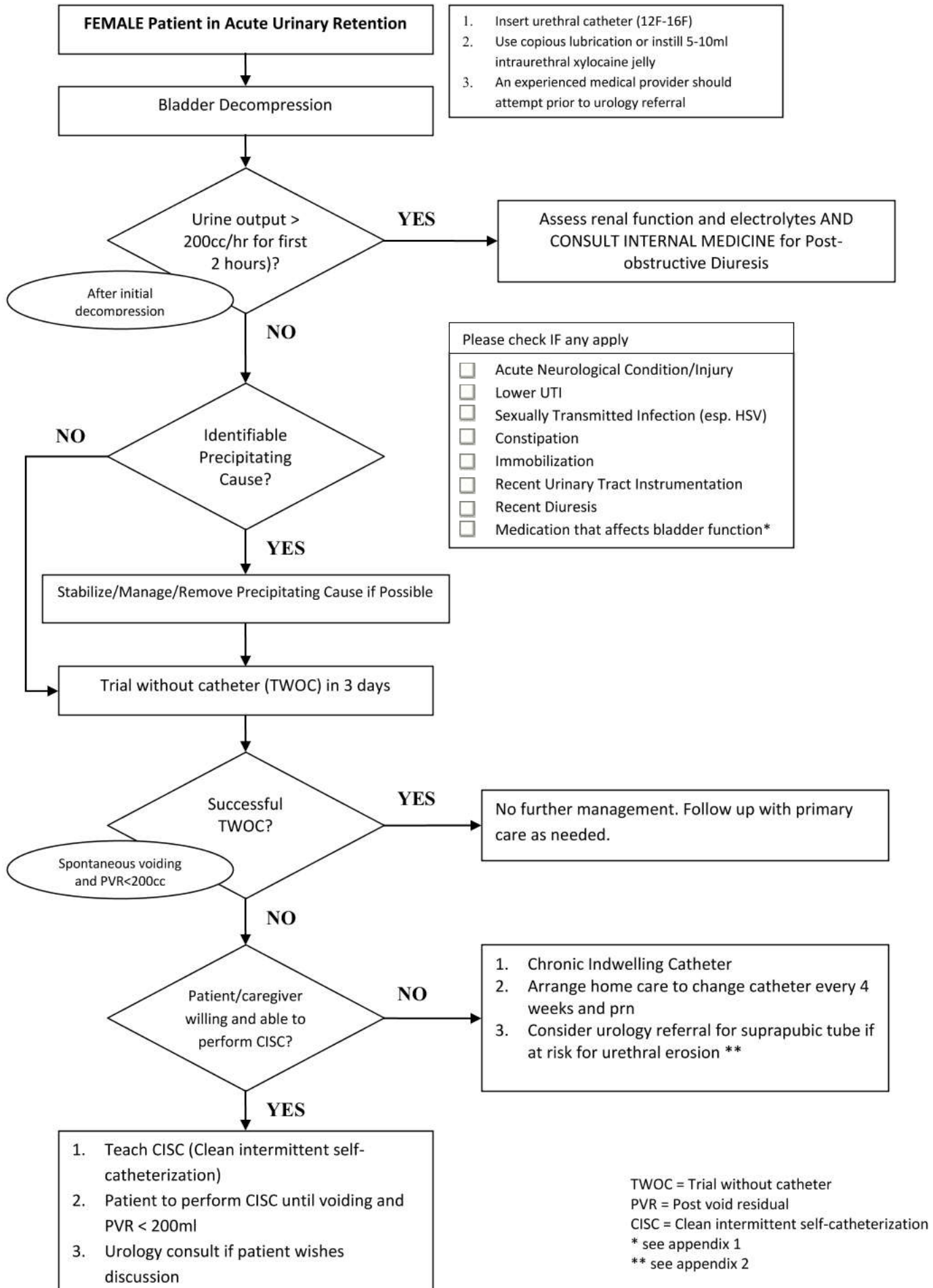


Saskatoon Urology Associates Acute Urinary Retention Algorithm (Female)



APPENDIX 1: MEDICATIONS AFFECTING BLADDER EMPTYING

The following is a list of common medications that can result in urinary retention. Medication-induced retention usually occurs when the medication has recently been started. Always ensure it is clinically appropriate and safe before adjusting medication.

Anticholinergics

Oxybutynin (Ditropan)
Tolterodine (Detrol)
Trospium chloride (Trosec / Sanctura)
Solifenacin (Vesicare)
Darifenacin (Enablex)
Mirebegron (Myrbetriq)
Glycopyrrolate (Robinul)
Dicyclomine HCl (Bentylol)
Flavoxate HCl (Urispas)

Antihistamines

Diphenhydramine HCl (Benadryl)
Chlorpheniramine (Chlor-Tripolon)
Brompheniramine, Cyproheptadine
Hydroxyzine (Atarax)

Sympathomimetics (alpha-adrenergic agents)

Ephedrine sulfate
Phenylephrine HCl (Neo-Synephrine)
Pseudoephedrine HCl (Sudafed)

Sympathomimetics (beta-adrenergic agents)

Metaproterenol

Antiarrhythmics

Quinidine
Procainamide
Disopyramide

Antihypertensives

Hydralazine (Apresoline)

Muscle Relaxants

Diazepam (Valium)
Baclofen (Lioresal)

Antiparkinsonian Agents

Trihexyphenidyl HCl (Artane)
Benzotropine Mesylate (Cogentin)
Levodopa (Sinemet)
Bromocriptine Mesylate

Antipsychotics

Haloperidol (Haldol),
Thiothixene (Navane)
Chlorpromazine
Fluphenazine
Prochlorperazine

Antidepressants

Imipramine (Tofranil)
Nortriptyline
Amitriptyline (Elavil)
Doxepin

Miscellaneous

Carbamazepine (Tegretol)

APPENDIX 2: FEMALE URETHRAL EROSION WITH CHRONIC INDWELLING CATHETERS

Women with chronic indwelling catheters may be at risk for urethral erosion, especially if they have a neurogenic bladder or are wheelchair bound (increased constant perineal pressure). If a female patient has these risk factors and the expected duration of catheterization is over 1 year (i.e. life expectancy is estimated at over 1 year), it is reasonable to refer these women to a urologist for further discussion regarding suprapubic catheter drainage to prevent future urethral erosion.