

OVERACTIVE BLADDER & URINARY INCONTINENCE TREATMENTS†

Generic & Class	Brand & Company	Formulation	Strengths	Dose	Notes
ANTICHOLINERGIC					
Imipramine HCl	Tofranil (Mallinckrodt)	tabs	10mg, 25mg, 50mg	<p><6 years: not recommended.</p> <p>≥6 years: initially 25mg daily 1 hour before bedtime; after 1 week, increase to 50mg for children 6–12 years, up to 75mg for those >12 years.</p> <p>-----</p> <p>Early night bedwetters: give 25mg in afternoon and repeat at bedtime.</p> <p>Max 2.5mg/kg per day.</p>	Attempt drug-free periods after gradual tapering of dose if drug response favorable.
ANTISPASMODIC/ANTICHOLINERGIC					
Darifenacin HBr	Enablex (Novartis)	ext-rel tabs	7.5mg, 15mg	<p>Children: not recommended.</p> <p>Adults: Initially 7.5mg once daily; may increase to 15mg once daily after 2 weeks. Max 7.5mg once daily in moderate hepatic impairment or with potent CYP3A4 inhibitors (eg, ketoconazole, itraconazole, ritonavir, nelfinavir, clarithromycin, nefazadone).</p>	Swallow whole with liquid.
Oxybutynin chloride	— (various)	scored tabs	5mg	<p><5yrs: not recommended.</p> <p>≥5yrs: 5mg twice daily; max 15mg/day.</p>	
	— (various)	syrup	5mg/5mL	<p>Adults: 5mg 2–3 times a day; max 20mg/day.</p>	
	Ditropan XL (Janssen)	ext-rel tabs	5mg, 10mg, 15mg	<p><6yrs: not recommended.</p> <p>≥6yrs: Initially 5mg once daily; may increase in 5mg increments; max 20mg/day.</p> <p>Adults: Initially 5mg or 10mg once daily; may increase weekly in 5mg increments; max 30mg/day.</p>	
	Gelnique 3% (Actavis)	gel	28mg/pump	<p>Children: not recommended.</p> <p>Adults: Apply three pumps (84mg) once daily to dry, intact skin. Rotate application sites.</p>	
	Gelnique 10% (Actavis)	gel	1g per sachet	<p>Children: not recommended.</p> <p>Adults: Apply one sachet once daily to dry, intact skin. Rotate application sites.</p>	Apply to abdomen, upper arms/shoulders, or thighs. Application should not be made to the same site on consecutive days. Avoid washing area/showering for 1 hour after application.
Solfenacin succinate	Vesicare (Astellas)	tabs	5mg, 10mg	<p>Children: not recommended.</p> <p>Adults: Initially 5mg once daily; if well tolerated, may increase to 10mg once daily. Severe renal impairment (CrCl<30mL/min), moderate hepatic impairment, or concomitant potent CYP3A4 inhibitors (eg, ketoconazole): max 5mg once daily.</p>	Swallow whole with liquids.
Trosplum chloride	Sanctura (Allergan)	tabs	20mg	<p>Children: not recommended.</p> <p>Adults: 20mg twice daily. ≥75yrs: 20mg once daily if twice daily dose not tolerated. Severe renal impairment (CrCl<30mL/min): 20mg once daily at bedtime.</p>	Take on empty stomach.
	Sanctura XR (Allergan)	ext-rel caps	60mg	<p>Children: not recommended.</p> <p>Adults: 60mg daily in the AM. Severe renal impairment (CrCl<30mL/min): not recommended.</p>	Take on empty stomach.
MUSCARINIC ANTAGONIST					
Fesoterodine fumarate	Toviaz (Pfizer)	ext-rel tabs	4mg, 8mg	<p>Children: not recommended.</p> <p>Adults: 4mg once daily; max 8mg once daily. Severe renal insufficiency (CrCl<30mL/min) or concomitant potent CYP3A4 inhibitors (eg, ketoconazole, itraconazole, clarithromycin): max 4mg/day.</p>	Swallow whole.
Tolterodine tartrate	Detrol (Pfizer)	tabs	1mg, 2mg	<p>Children: not recommended.</p> <p>Adults: 2mg twice daily; may decrease to 1mg twice daily. Concomitant CYP3A4 inhibitors, or significant renal or hepatic dysfunction: 1mg twice daily.</p>	
	Detrol LA (Pfizer)	ext-rel caps	2mg, 4mg	<p>Children: not recommended.</p> <p>Adults: 4mg once daily; may decrease to 2mg once daily. Concomitant CYP3A4 inhibitors, or significant renal or hepatic dysfunction: 2mg once daily.</p>	
NEUROMUSCULAR BLOCKER					
Onabotulinum-toxin A	Botox (Allergan)	vacuum-dried pwd; for intradetrusor inj after reconstitution and dilution	50 Units/vial, 100 Units/vial, 200 Units/vial	<p><18yrs: not recommended.</p> <p>Adults: See literature. Should be administered and managed by experienced physicians. Give prophylactic antibiotics 1–3 days pre-treatment, during, and 1–3 days post-treatment. Discontinue anti-platelet therapy at least 3 days before procedure. May premedicate with local or general anesthetic. Max total dose: 200 Units per treatment, as 1mL (~6.7 Units) injections across 30 sites into the detrusor muscle via a flexible or rigid cystoscope, avoiding the trigone.</p>	Observe at least 30mins post-injection. May consider re-treatment after effect of the previous injection diminishes but no sooner than 12 weeks.
VASOPRESSIN (SYNTHETIC)					
Desmopressin acetate	DDAVP (sanofi aventis)	scored tabs	0.1mg, 0.2mg	<p><6yrs: not recommended.</p> <p>6–17yrs: initially 0.2mg once daily at bedtime; individualize; max 0.6mg.</p>	

NOTES

caps = capsules; ext-rel = extended release; inj = injection; pwd = powder; tabs = tablets

†Not an inclusive list. Please see drug monographs or visit www.eMPR.com

(Rev. 4/2013)