

Benign Prostatic Hyperplasia (BPH): Treatment Options and Side effects

Drug Class	Drug	Dosing	Side Effect
Alpha-Blockers	- Prazosin (Minipres)	-initial, 0.5-1 mg PO HS -maintenance, 0.5-2 mg PO BID	- Orthostatic hypotension, Palpitations - Nausea - Asthenia, Dizziness, Headache, Lethargy, Somnolence.
	- Alfuzosin (Uroxatral)	10 mg PO QDay	-Xerostomia - Dizziness, Vertigo - Fatigue, Malaise - Afib, Palpitations, Prolonged QT interval, Syncope
	- Doxazosin (Cardura)	IR: Initial: 1 mg PO QDay; titrate at 1-2 wk intervals Maintenance: 1-8 mg PO QDay XR: Initial: 4 mg PO QDay with breakfast; titrate at 3-4 wk intervals Maintenance: 4-8 mg PO QDay	-Edema, Hypotension - Nausea - Dizziness, Headache, Somnolence, Vertigo - Intraoperative floppy iris syndrome - Priapism (rare) - Hepatitis - Angioedema
	- Tamsulosin (Flomax)	0.4 mg PO QDay; if no response after 2 to 4 weeks, may increase to 0.8 mg	- Infectious disease - Backache - Asthenia, Dizziness, Headache, Insomnia, Somnolence - Abnormal ejaculation - Retinal detachment - Priapism
	- Terazosin (Hytrin)	Initial: 1 mg PO QDay HS Maintenance: 1-10 mg PO QDay; MAX 20 mg/day	- Orthostatic hypotension, Palpitations, Peripheral edema - Nausea - Asthenia, Dizziness, Headache, Somnolence - Nasal congestion - Syncope

	- Sildenafil (Rapaflo)	8 mg PO QDay with a meal	- Intraoperative floppy iris syndrome - Priapism - Orthostatic hypotension - Diarrhea - Dizziness, Headache - Retrograde ejaculation - Nasal congestion, Nasopharyngitis
5- Alpha-reductase inhibitors (5-ARIs)	- Finasteride (Proscar) - Dutasteride (Avodart, Jalyn)	5 mg PO QDay; alone or in combi w/ doxazosin Monotherapy: 0.5 mg PO QDay Combination: 0.5 mg PO and tamsulosin 0.4 mg QDay	- Abnormal ejaculation , Breast tenderness, Reduced libido - Neoplasm of male breast - Prostate cancer, high-grade - Disorder of breast, abnormal PSA - Disorder of ejaculation Impotence Reduced libido - Cutaneous hypersensitivity - Immune hypersensitivity reaction - Angioedema
Phosphodiesterase type 5 (PDE5) Inhibitor	Tadalafil (Cialis)	5 mg PO QDay at the same time	- Flushing - Indigestion, Nausea - Backache, Myalgia - Headache - Nasopharyngitis, Respiratory tract infection - Angina, Chest pain, Heart failure, Myocardial infarction, Tachycardia - Stevens-Johnson syndrome - Cerebral hemorrhage, Cerebrovascular accident, Seizure - Non-arteritic ischemic optic neuropathy, Retinal artery occlusion, Thrombosis of retinal vein - Decreased hearing, Sudden onset, Sudden hearing loss

Last modified: 01/08/14 by **Christian M. Muenyi**

References:

Drug. In: DRUGPOINTS (Internet Database). Greenwood Village, CO. Thomson Reuters (Healthcare) Inc.