

Acute urinary retention associated with benign prostatic hyperplasia

▶ BY MOUTH USING MODIFIED-RELEASE TABLETS

- ▶ Elderly: 10 mg once daily for 2–3 days during catheterisation and for one day after removal; max. 4 days

- **CONTRA-INDICATIONS** Avoid if history of micturition syncope · avoid if history of postural hypertension
- **CAUTIONS** Acute heart failure · cerebrovascular disease · concomitant antihypertensives (reduced dosage and specialist supervision may be required) · discontinue if angina worsens · elderly · history of QT-interval prolongation · patients undergoing cataract surgery (risk of intra-operative floppy iris syndrome)

CAUTIONS, FURTHER INFORMATION

- ▶ Elderly For alpha₁-selective adrenoceptor blockers, prescription potentially inappropriate (STOPP criteria):
 - in those with symptomatic orthostatic hypotension or micturition syncope (risk of precipitating recurrent syncope)
 - in those with persistent postural hypotension i.e. recurrent drop in systolic blood pressure \geq 20 mmHg (risk of syncope and falls). See also Prescribing in the elderly p. 33.

- **INTERACTIONS** → Appendix 1: alpha blockers

SIDE-EFFECTS

- ▶ **Common or very common** Asthenia · diarrhoea · dizziness · dry mouth · headache · malaise · nausea · postural hypotension · vertigo · vomiting
- ▶ **Uncommon** Abdominal pain · arrhythmias · chest pain · drowsiness · flushing · oedema · palpitations · rhinitis · skin reactions · syncope · visual impairment
- ▶ **Rare or very rare** Angina pectoris · angioedema
- ▶ **Frequency not known** Cerebral ischaemia · floppy iris syndrome · hepatic disorders · neutropenia · priapism · thrombocytopenia

SIDE-EFFECTS, FURTHER INFORMATION First dose may cause collapse due to hypotensive effect (therefore should be taken on retiring to bed). Patient should be warned to lie down if symptoms such as dizziness, fatigue or sweating develop, and to remain lying down until they abate completely.

- **HEPATIC IMPAIRMENT** For *immediate-release* preparations manufacturer advises caution in mild to moderate hepatic failure; avoid in severe hepatic failure (risk of increased half-life). For *modified-release* preparations manufacturer advises avoid in hepatic failure.

Dose adjustments For *immediate-release* preparations manufacturer advises initial dose of 2.5 mg once daily, increased to 2.5 mg twice daily according to response in mild to moderate hepatic failure.

- **RENAL IMPAIRMENT** Manufacturers advise avoid use of modified-release preparations if eGFR less than 30 mL/minute/1.73 m² as limited experience. **Dose adjustments** Initial dose 2.5 mg twice daily and adjust according to response.
- **PATIENT AND CARER ADVICE** Patient should be counselled on the first dose effect. **Driving and skilled tasks** May affect performance of skilled tasks e.g. driving.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug. Forms available from special-order manufacturers include: oral solution

Modified-release tablet

CAUTIONARY AND ADVISORY LABELS 21, 25

▶ **Besavar XL** (Zentiva)

Alfuzosin hydrochloride 10 mg Besavar XL 10mg tablets | 30 tablet **[PoM]** £4.62 DT = £12.51

▶ **Fuzatal XL** (Teva UK Ltd)

Alfuzosin hydrochloride 10 mg Fuzatal XL 10mg tablets | 30 tablet **[PoM]** £12.76 DT = £12.51

▶ **Vasran XL** (Ranbaxy (UK) Ltd)

Alfuzosin hydrochloride 10 mg Vasran XL 10mg tablets | 30 tablet **[PoM]** £11.48 DT = £12.51

▶ **Xatral XL** (Sanofi)

Alfuzosin hydrochloride 10 mg Xatral XL 10mg tablets | 30 tablet **[PoM]** £12.51 DT = £12.51

▶ **Zochek** (Milpharm Ltd)

Alfuzosin hydrochloride 10 mg Zochek 10mg modified-release tablets | 30 tablet **[PoM]** £12.51 DT = £12.51

Tablet▶ **Alfuzosin hydrochloride (Non-proprietary)**

Alfuzosin hydrochloride 2.5 mg Alfuzosin 2.5mg tablets | 60 tablet **[PoM]** £21.20 DT = £1.68

▶ **Xatral** (Sanofi)

Alfuzosin hydrochloride 2.5 mg Xatral 2.5mg tablets | 60 tablet **[PoM]** £20.37 DT = £1.68

Doxazosin

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● **INDICATIONS AND DOSE****Hypertension**

▶ BY MOUTH USING IMMEDIATE-RELEASE MEDICINES

- ▶ **Adult:** Initially 1 mg once daily for 1–2 weeks, then increased to 2 mg once daily, then increased if necessary to 4 mg once daily; maximum 16 mg per day
- ▶ BY MOUTH USING MODIFIED-RELEASE MEDICINES
- ▶ **Adult:** Initially 4 mg once daily, dose can be adjusted after 4 weeks, then increased if necessary to 8 mg once daily

Benign prostatic hyperplasia

▶ BY MOUTH USING IMMEDIATE-RELEASE MEDICINES

- ▶ **Adult:** Initially 1 mg daily, dose may be doubled at intervals of 1–2 weeks according to response; usual maintenance 2–4 mg daily; maximum 8 mg per day
- ▶ BY MOUTH USING MODIFIED-RELEASE MEDICINES
- ▶ **Adult:** Initially 4 mg once daily, dose can be adjusted after 4 weeks, then increased if necessary to 8 mg once daily

DOSE EQUIVALENCE AND CONVERSION

- ▶ Patients stabilised on immediate-release doxazosin can be transferred to the equivalent dose of modified-release doxazosin.

- **CONTRA-INDICATIONS** History of micturition syncope (in patients with benign prostatic hypertrophy) · history of postural hypotension · monotherapy in patients with overflow bladder or anuria
- **CAUTIONS** Care with initial dose (postural hypotension) · cataract surgery (risk of intra-operative floppy iris syndrome) · elderly · heart failure · pulmonary oedema due to aortic or mitral stenosis
- **INTERACTIONS** → Appendix 1: alpha blockers
- **SIDE-EFFECTS**
 - ▶ **Common or very common** Arrhythmias · asthenia · chest pain · cough · cystitis · dizziness · drowsiness · dry mouth · dyspnoea · gastrointestinal discomfort · headache · hypotension · increased risk of infection · influenza like illness · muscle complaints · nausea · oedema · pain · palpitations · skin reactions · urinary disorders · vertigo
 - ▶ **Uncommon** Angina pectoris · anxiety · appetite abnormal · arthralgia · constipation · depression · diarrhoea · gastrointestinal disorders · gout · haemorrhage · insomnia · myocardial infarction · sensation abnormal · sexual dysfunction · stroke · syncope · tinnitus · tremor · vomiting · weight increased
 - ▶ **Rare or very rare** Alopecia · bronchospasm · flushing · gynaecomastia · hepatic disorders · leucopenia · malaise · muscle weakness · thrombocytopenia · vision blurred
- ▶ **Frequency not known** Floppy iris syndrome