

ERECTILE DYSFUNCTION TREATMENTS

| Generic | Brand & Company | Formulation | Strength | Onset | Duration of Action | Dosing Considerations | |
|-------------------------------|---|---------------------------|---------------------------------|---------------------------------------|--------------------|---|--|
| PDE-5 INHIBITORS | | | | | | | |
| sildenafil | Viagra (Pfizer) | tabs | 25mg 50mg 100mg | 0.5–2 hrs (1 hr) | 4 hrs | <ul style="list-style-type: none"> Usually 25mg–100mg 1 hr before anticipated sexual activity. >65 years old: initially 25mg. Severe renal dysfunction (CrCl<30mL/min): initially 25mg. Hepatic impairment: initially 25mg. Ketoconazole, itraconazole, erythromycin, saquinavir: initially 25mg. Ritonavir: max 25mg every 48 hours. α-blockers: initially 25 mg. | |
| | | | | | | tadalafil | Cialis (Lilly Icos) |
| see literature | <p>Once-Daily Use:</p> <ul style="list-style-type: none"> Initially 2.5mg (taken at same time each day); may increase to 5mg/day. Severe renal dysfunction (CrCl<30mL/min): not recommended. Mild or moderate hepatic impairment: use caution; severe: not recommended. Concomitant potent CYP3A4 inhibitors: max 2.5mg. For ED + BPH: 5mg taken at same time once daily without regard to timing of sexual activity | | | | | | |
| vardenafil | Levitra (Bayer & GSK) | tabs | 2.5mg 5mg 10mg 20mg | 0.5–2 hrs (1 hr) ¹ | 4 hrs | <ul style="list-style-type: none"> Usually 5mg–20mg 1 hour before anticipated sexual activity. >65 years old: initially 5mg. Renal dysfunction: no adjustment needed. Mild hepatic impairment: no adjustment; moderate: max 10mg; severe: not recommended. Ketoconazole or itraconazole 200mg/day, or erythromycin: max 5mg daily. Ketoconazole or itraconazole 400mg/day, clarithromycin, saquinavir, atazanavir or indinavir: max 2.5mg daily. Ritonavir: max 2.5mg every 72 hours. α-blockers: initially 5mg. | |
| | | | | | | Staxyn (Bayer & GSK) | orally disintegrating tabs |
| PROSTAGLANDIN E1 | | | | | | | |
| alprostadil | Caverject (Pfizer) | injection, intracavernous | 5mcg 10mcg 20mcg 40mcg | 5–20 minutes | 1 hr | <ul style="list-style-type: none"> Usually 1.25–60micrograms within 1 hour before anticipated sexual activity. Max 3 injections per week with a 24-hour period between each injection. | |
| | | Edex (Actient) | injection, intracavernous | 10mcg 20mcg 40mcg | 7 minutes | 1 hr | <ul style="list-style-type: none"> Usually 1–40micrograms within 1 hour before anticipated sexual activity. Max of 3 injections per week with a 24-hour period between each injection. |
| | | Muse (Vivus) | suppository, urethral | 125mcg 250mcg 500mcg 1000mcg | 5–10 minutes | 0.5–1 hr | <ul style="list-style-type: none"> Initially 125–250 micrograms. Max 2 systems per 24 hours. |
| α₂-BLOCKERS | | | | | | | |
| yohimbine | Yocon (Glenwood) | tabs | 5.4mg | | | <ul style="list-style-type: none"> Must be taken daily for effect. | |

NOTES

¹ A recent placebo-controlled study indicated that vardenafil may begin to work in as quickly as 10 minutes after dosing in some men. At all time periods ≥10 minutes, a statistically superior response was seen with vardenafil compared with placebo. (Rev. 5/2012)