

Veagra 50 mg Tablet: Each film coated tablet contains Sildenafil Citrate INN 70.24 mg equivalent to Sildenafil 50 mg Veagra 100 mg Tablet: Each film coated tablet contains Sildenafil Citrate INN 140.48 mg equivalent to Sildenafil 100 mg

Description
Sildenafil is a selective, reversible inhibitor of cyclic guanosine monophosphate (cGMP) specific phosphodiesterase type 5
(PDE5). When sexual stimulation causes the local release of nitric oxide, inhibition of PDE 5 by Sildenafil produces increased
levels of cGMP in the corpus cavernosum. This results in smooth muscle relaxation and inflow of blood into the penile tissues,
thereby producing an erection. Sildenafil has no effect in the absence of sexual stimulation.

Clinical Pharmacology

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Mechanism of action: The physiological mechanism of erection of the penis involves release of nitric oxide (NO) in the corpus cavernosum During sexual stimulation. (NO) then activates the enzyme guanylate cyclase, which results in increased levels of cyclic guanosine monophosphate (cGMP), producing smooth muscle relaxation in the corpus cavernosum and allowing inflow of blood. Sildenafil has no direct relaxant effect on isolated human corpus covernosum, but enhances the effect of initric oxide (NO) by Inhibiting phosphodiesterase type 5 (PDE 5), which is responsible for degradation of cGMP in the corpus cavernosum. When sexual stimulation causes local release of NO, inhibition of PDE5 by Sildenafil causes increased levels of cGMP in the corpus cavernosum. Sildenafil is report of the corpus cavernosum. Sildenafil is cavernosu

values of sildenalli compared to those seen in healthy younger volunteers. *Indication and Usage*: Sildenalli is indicated for the treatment of erectile dystunction: To an advantage of erectile dystunction and pulmonary arterial hypertension.

Dosage and Administration

Frexcille dystunction: For most patients, the recommended dose is 50 mg taken, as needed, approximately 1 hour before sexual activity. However based on effectiveness and toleration, the dose may be increased to a maximum recommended dose of 100 mg or decreased to 25 mg. The maximum recommended dosing frequency is once per day. The following factors are associated with increased plasma levels of Sildenafil: age-5 65, hepatic impairment, severe renal impairment and concomitant use of potent cytochrome P450 3A4 inhibitors (ketoconazole, Irraconazole, erythromycin, saquinavir). Since highwait is may increase both the efficacy and incidence of adverse events, a starting dose of 25 mg should be considered in these patients. Sidenafil was shown to potentiate the hypotensive effects of nitrates and its administration in patients who use nitric oxide donors or nitrates in any form is therefore contraindicated. When Sidenafil is co-administered with an alpha-blocker, patients should be stable on alphablocker therapy prior to initiating Sidenafil treatment and Sidenafil site 12 0 mg three times a day and should be taken approximately 4-6 hours apart with or without food. Adverse Effects: Body as a whole: face edema, photosenstivity reaction, shock, asthenia, pain, chilis, accidental fall, abdominal pain, allergic reaction, chest pain, accidental injuny. Cardiovascular: angina pectoris, AV block, migraine, synope, tactycardia, palphation, hypotension, postural hypotension, myocardial schemita, cerebral thrombosis, cardiac arrest, heart fallure, abnormal electrocardiogram, cardiomyopathy. Digestive: Vomiting, glossitis, engigine, propheral edema, hyper uricernia, hypodycennic reaction, hypotension, postural hypotension, myocardial schemic, engigive, then on

Contraindications

Consistent with its known effects on the nitric oxide/cGMP pathway, Sildenafil was shown to potentiate the hypotensive effects initrates, and its administration to patients who are using organic nitrates, either regularly and/or intermittently, in any form therefore contraindicated. Sildenafil is contraindicated in patients with a known hypersensitivity to any component of the tablet.

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Precautions
Generation of appropriate treatment following a complete medical assessment. Before prescribing Sildenafil, it is important to note the followint: Caution is advised when Phosphodiesterase Type 5 (PDE5) inhibitors are ox-administered with alpha-elockers. PDE5 inhibitors, including Sildenafil, it is important to note the followint: Caution is advised when Phosphodiesterase Type 5 (PDE5) inhibitors are ox-administered with alpha-elockers. PDE5 inhibitors, including Sildenafil, and alpha-adeneragic blocking agents are both vasodilators with blood pressure lowering effects. When vasodilators are used in combination, an additive effect on blood pressure may be anticipated. In some patients, concomitant use of these two drug classes can lower blood pressure significantly leading to symptomatic hypotension (e.g. dizziness, lightheadedness, fainting).

**Consideration should be given to the following
**Patients should be stable on alpha-blocker therapy prior to initiating a PDE5 inhibitors, and the protein or alpha-blocker therapy alone are at increased risk of symptomatic hypotension with concomitant use of PDE5 inhibitors, and the protein or alpha-blocker therapy alone are at increased risk of symptomatic hypotension with concomitant use of PDE5 inhibitors, and the protein or alpha-blocker therapy alone are at increased risk of symptomatic hypotension with concomitant use of PDE5 inhibitors, alpha-blocker therapy alone are at increased risk of symptomatic hypotension with concomitant use of PDE5 inhibitors, and the protein or alpha-blocker therapy alone are at increased risk of symptomatic hypotension with concomitant use of PDE5 i Sildenafil exposure. Decreased blood pressure exposed to high doses of Sildenafil (200-800 decrease in Sildenafil dosage is recommended.

Sildenafil exposure: Declarescu bood preserved, years and the control of the process of the patients taking ritonavir, a decrease in Sildenafil dosage is recommended. Drug Interactions
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Sildenafil metabolism is principally mediated by the cytochrome P450 (CYP) isoforms 3A4 (major route) and 2C9 (minor route). Therefore, inhibitors of these isoenzymes 15 may reduce Sildenafil clearance and inducers of these isoenzymes may increase Sildenafil clearance. Cimetidine (800 mg), a nonspecific CYPinhibitor, caused a 56% increase in plasma sildenafil concentrations when coadministred with Sildenafil (50 mg) to healthy volunteers. When a singla 100 mg dose of Sildenafil was administered with erythromycin, a specific CYP3A4 inhibitor, at steady state (500 mg bid for 5 days) there was a 182% increase in Sildenafil systemic exposure (AUC). In addition, in a study performed in healthy male volunteers, co-administration of the HIV protease inhibitor saquinari, also an CYP3A4 inhibitor as a steady state enafil AUC. Sildenafil had no offer a ongle dose serve sutternation and the state of the state

and incidence of advertise events, a manifest of the Coverdosage. Overdosage in studies with healthy volunteers of single doses up to 800 mg, adverse events were similar to those seen at lower dose but incidence rates and severifies were incerased. 24 in cases of overdose, standard supportive measures should be adopted as required, Renal dialysis is not expected to accelerate clearance as Sildenaffi is highly bound to plasma proteins and it is not

How Supplied:
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