

### 1.4.3 Dosage Regimen of Tadalafil

knowing the correct dosage regimen of tadalafil for the treatment of erectile dysfunction is imperative if the amount is not enough, the benefit from the full effectiveness of the drug will be less, which is a long lasting and hard erection throughout sexual stimulation. If the dosage amount is too high, you can experience more serious side effects including blood pressure fluctuations, chest pain, and heart palpitations. Tadalafil is recommended for most men to start off with at 10mg tablets .

In case of renal impairment the dose should be adjusted as follows :

For ED, if Creatinine clearance <30 mL/min or on hemodialysis, tadalafil for once daily use is not recommended. For BPH if Creatinine clearance 30 to 50 mL/min, a starting dose of 2.5 mg is recommended. An increase to 5 mg may be considered based on individual response Creatinine clearance <30 mL/min or on hemodialysis: tadalafil for once daily use is not recommended. Tadalafil, for use as needed for ED Creatinine clearance 30 to 50 mL/min: A starting dose of 5 mg not more than once per day is recommended, and the maximum dose is 10 mg not more than once in every 48 hours. Creatinine clearance <30 mL/min or on hemodialysis: The maximum dose is 5 mg not more than once in every 72 hours ( T. Klotz *et al.*, 2005 ).

Identically ,In case of hepatic dysfunction the dose should be adjusted .If tadalafil is used as once daily regimen :

- Mild or moderate: Tadalafil for once daily use has not been extensively evaluated in patients with hepatic impairment. Therefore, caution is advised if tadalafil for once daily use is prescribed to these patients.
- Severe: The use of tadalafil is not recommended.