

Xtandi- Enzalutamide



- **Dosing**
 - ▶ Oral: 160 mg once daily (4 pills daily).
- **Administration**
 - ▶ Oral: Administer at the same time each day, either with or without food. Swallow capsules whole; do not chew, dissolve, or open the capsules.
- **Side Effects**
 - ▶ Hypotension or hypertension, **seizures**, dizziness, **insomnia, increased flatulence, leukopenia, anemia**, weakness or feeling more tired than usual.
- **Missed Dose**
 - ▶ If you miss a dose, skip the missed dose. Take your next dose at the regular time. Do not double the dose to catch up. If you miss more than one dose, talk to your doctor right away.
- **Reproductive Considerations**
 - ▶ Male patients with female partners of reproductive potential should use effective contraception during treatment and for 3 months after the last enzalutamide dose.
- **Monitoring**
 - ▶ CBC with diff and CMP (baseline, 3-4 weeks after initiation and every three months thereafter).
 - ▶ PSA every 3 months or as clinically indicated.
 - ▶ Additional INR monitoring (if on warfarin).
 - ▶ Monitor for signs/symptoms of ischemic heart disease, posterior reversible encephalopathy syndrome, and seizure; evaluate fall and fracture risk.
- **Mechanism of Action**
 - ▶ Enzalutamide is a pure androgen receptor signaling inhibitor. It inhibits androgen receptor nuclear translocation, DNA binding, and coactivator mobilization, leading to cellular apoptosis and decreased prostate tumor volume.
 - ▶ In layman's terms: This medication is an anti-androgen (anti-testosterone). When testosterone binds to an androgen receptor, it causes the tumor cells to grow. **You are taking this medication** to block the effects of testosterone by slowing down the growth and spread of prostate cancer. As a result, the prostate tumor may stop growing, and the cancer cells die.
- **Storage**
 - ▶ Store in a tightly closed container at room temperature away from light and moisture. Do not store in the bathroom. Keep all medications away from children and pets.
- **Other Considerations**
 - ▶ Be sure to **let your other prescribers know that you are taking this medication**. This drug may interact with other drugs prescribed; you may be at higher risk for hypertension; your cholesterol levels may change, and routine lab results may come back irregular.
 - ▶ **Notify MD with any new or worrisome side effects.**