

Whether your doctor calls it - Low Testosterone, Testosterone Deficiency or Hypogonadism, your body just isn't making enough or any testosterone. And you're far from alone because there is an estimated **20 million American men** suffering from TD.

## Testosterone Replacement Therapy (TRT)



Testosterone replacement therapy is a treatment to replace the testosterone that's been lost and get T-levels back to a normal range. TRT has traditionally consisted of testosterone patches, gels, pellets, and injections. KYZATREX™ is here to change that.

## Symptoms of Low Testosterone Levels



Fatigue / Low Energy

Low Sex Drive

Decreased bone density



Difficulty sleeping

Weight gain

Lower muscle mass



Depression

Anxiety

## IMPORTANT SAFETY INFORMATION

### Use

KYZATREX™ (testosterone undecanoate) is a prescription drug that is used to treat adult men who have low or no testosterone levels due to certain medical conditions.

KYZATREX™ is a controlled substance (CIII) because it contains testosterone. It is not known if KYZATREX™ is safe or effective in males younger than 18 years old. Improper use may affect bone growth in children. KYZATREX™ is not meant for use by women.

### Important Safety Information for KYZATREX™

**KYZATREX™ can increase blood pressure,** which can increase the risk of having a heart attack or stroke and can increase risk of death due to a heart attack or stroke. Your risk may be greater if you have already had a heart attack or stroke or if you have other risk factors for heart attack or stroke.

- If your blood pressure increases while on KYZATREX™, blood pressure medicines may need to be started. If you are currently taking blood pressure medicines, they may need to be changed or new blood pressure medicines may need to be added to control your blood pressure.
- If your blood pressure cannot be controlled, KYZATREX™ may need to be stopped.
- Your healthcare provider will monitor your blood pressure while you are being treated with KYZATREX™.

**Do not take KYZATREX™ if you:** have breast cancer; have or might have prostate cancer; are a woman who is pregnant (KYZATREX™ may harm your unborn baby); are allergic to KYZATREX™ or any of its ingredients; or have low testosterone without certain medical conditions (e.g., do not take KYZATREX™ if you have low testosterone due to age).

**Before you take KYZATREX™, tell your healthcare provider about all of your medical conditions,** including if you: have high blood pressure or are treated for high blood pressure; have a history of diabetes; have heart problems; have high red blood cell count (hematocrit) or high hemoglobin laboratory value; have urinary problems due to an enlarged prostate; have liver or kidney problems; or have problems breathing while you sleep (sleep apnea).

**Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements.** Taking KYZATREX™ with certain other medicines can affect each other. **Especially, tell your healthcare provider if you take:** insulin; medicines that decrease blood clotting (blood thinners); corticosteroids; or medicines that increase blood pressure, such as some cold medicine and pain medicines.

**KYZATREX™ may cause other serious side effects including:**

- **Increase in red blood cell count (hematocrit) or hemoglobin,** which can increase the risk of blood clots, strokes, and heart attacks. You may need to stop KYZATREX™ if your red blood cell count increases.
- **If you already have an enlarged prostate, your signs and symptoms may worsen while taking KYZATREX™.** These may include: increased urination at night; trouble starting your urine stream; urinating many times during the day; urge to go to the bathroom right away; a urine accident; inability to pass urine or weak urine flow.
- **Increased risk of prostate cancer.**
- **Blood clots in the legs or lungs.** Signs and symptoms of a blood clot in your leg can include pain, swelling or redness. Signs and symptoms of a blood clot in your lungs can include difficulty breathing or chest pain.
- **Abuse.** Testosterone can be abused when taken at higher than prescribed doses and when used with other anabolic androgenic steroids. Abuse can cause serious heart and psychological side effects.
- **In large doses, KYZATREX™ may lower your sperm count.**
- **Liver problems.** Symptoms of liver problems may include: nausea or vomiting; yellowing of your skin or whites of your eyes; dark urine; pain on the right side of your stomach area (abdominal pain).
- **Swelling of your ankles, feet, or body (edema), with or without heart failure.**
- **Enlarged or painful breasts.**
- **Breathing problems while you sleep (sleep apnea).**

**Call your healthcare provider right away if you have any of the serious side effects listed above.**

**The most common side effect of KYZATREX™ is high blood pressure.** Other side effects may include: headache, joint or back pain, diarrhea, increased red blood cell count, anxiety, constipation, swelling of the legs, and increased prostate specific antigen (PSA) levels.

These are not all the possible side effects of KYZATREX™. For more information, ask your healthcare provider or pharmacist.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit [www.fda.gov/medwatch](http://www.fda.gov/medwatch) or call 1-800-FDA-1088. You may also report side effects to Marius by visiting [www.mariuspharma.com](http://www.mariuspharma.com).

**Keep KYZATREX™ and all medicines out of the reach of children.**

**See Full Prescribing Information and Medication Guide for KYZATREX™.**



TESTOSTERONE UNDECANOATE CAPSULES



Disclaimer: All data presented here has been generated from Marius Phase 3 studies. Marius reserves its First Amendment Right to all data presented.

## IMPORTANT SAFETY INFORMATION (cont'd)

### What is KYZATREX™?

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**Please see additional Boxed Warning and Important Safety Information on the back.**



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SCAN FOR ADDITIONAL EFFICACY AND SAFETY DATA AT [KYZATREX.COM](http://KYZATREX.COM)

## About KYZATREX™

KYZATREX™ (testosterone undecanoate) is a prescription drug that is used to treat adult men who have low or no testosterone levels due to certain medical conditions.

## Formulation

KYZATREX™ is an oral formulation of testosterone undecanoate (TU) that uses a Self-Emulsifying Drug Delivery System (SEDDS) incorporating **phytosterol esters**.

KYZATREX™ should be taken with food. Absorption not significantly affected by fat content or alcohol consumption.

## It's all in the delivery!

KYZATREX™ oral capsules are uniquely formulated to be easily absorbed and bypass your liver. That means it works efficiently, without causing liver damage.

## 96% Effective!\*

In a clinical study of 139 men with low testosterone, 96% had normal testosterone levels at Day 90.\*

\* End of study completers



## Blood Pressure

Testosterone can increase your blood pressure, which can increase risks of a heart attack or stroke. In the 6-month clinical study for KYZATREX™, 2.6% (4 out of 155 patients) experienced an increase in blood pressure while taking KYZATREX™.

Your healthcare provider will monitor your blood pressure while you are being treated with KYZATREX™. If your blood pressure increases, you may need to start medication to control your blood pressure.



## Blood Parameters

(Mean  $\Delta$  from baseline at 6 months)

PSA*	↑	0.15 ( $\pm$ 0.04) ng/mL
Hemoglobin*	↑	0.48 g/dL Levels plateaued after 90 days of treatment
Cholesterol*	↓	10.2 mg/dL
Triglycerides*	↓	19.2 mg/dL
Fasting Insulin <sup>†</sup>	↓	5.2 $\mu$ U/mL

<sup>†</sup> MRS-TU-2019 at 12 months (Different dosing scheme for MRS-TU-2019EXT)  
\* MRS-TU-2019EXT

### References:

1. White WB, Bernstein JS, Rittmaster R, Dhingra O. Effects of the oral testosterone undecanoate Kyzatrex™ on ambulatory blood pressure in hypogonadal men. *J Clin Hypertens (Greenwich)*. 2021;23(7):1420-1430. doi:10.1111/jch.14297

## Daily Oral Dosing

### Easy

Just two oral doses of KYZATREX™ a day with food

### Flexible

KYZATREX™ comes in a range of dosage strengths (100 mg, 150 mg, 200 mg)

### Bioavailable

The active ingredient in KYZATREX™, testosterone undecanoate, is absorbed efficiently into the body



100 mg | 150 mg | 200 mg

## Characteristics of Different TRTs

	KYZATREX™	Injection	Pellets	Gel	Patches
Oral / Easy to swallow	✓	✗	✗	✗	✗
Invisible	✓	✓	✓	✓	✗
No mess	✓	✓	✓	✗	✓
Painless	✓	✗	✗	✓	✓
Flexible Dosing	✓	✓	✓	✓	✓