



TriMix Patient Information

Trimix is an anti-erectile dysfunction preparation that includes a vasodilator, prostaglandin, and alpha-adrenergic receptor antagonist. Tri-Mix is indicated in the treatment of erectile dysfunction in males. Tri-Mix contains three drugs from complimentary classes designed to act synergistically, mixed into a thin sterile injection. The thought of injecting a needle into your penis may sound intimidating, but about 70 percent of men are highly satisfied with this therapy.

General Information

Trimix is a prescribed, injectable medication consisting of three active ingredients- papaverine, phentolamine, and alprostadil.. Together, these three medications help to relax, expand, and fill the corpus cavernosum (erectile tissue) with blood resulting in an erection shortly after administration. It can also help strengthen the penile muscles with repeated use, helping with ED caused by weak penile muscles. Thus, it can also be used to treat this underlying cause of ED.

Unlike oral medications, Trimix injections are localized to the intended area rather than having to flow through the bloodstream into other areas of the body. Trimix is self-administered and easy to perform in the comfort of your own home.

TriMix is considered to be the most powerful class of anti-erectile dysfunction agents. While the components of Tri-mix are, on their own, indicated for a vast number of different conditions, the practice of bringing them together in concert to treat erectile dysfunction has become standard of care in sexual medicine. It is now considered to be the go-to pharmaceutical treatment if conventional PDE5 inhibitors are contraindicated or the patient is unresponsive to them. It contains the following ingredients:

Papaverine: This is a vasodilator that helps to expand the blood vessels. When injected into the penile tissue, papaverine causes the smooth muscles to relax. In turn, this allows blood to flow through the corpus cavernosum resulting in an erection.

Phentolamine: This medication is a reversible nonselective α -adrenergic antagonist. Phentolamine's primary action is vasodilation. When this medication is injected into the penis, it induces an erection by relaxing and dilating the blood vessels of the penis, as well as by elevating cardiac output.

Prostaglandin E1 (Alprostadil): Alprostadil is a naturally occurring prostaglandin used as a medication. This medication is also within the vasodilator class. It, too, is used to help open the blood vessels by relaxing the smooth muscles within the penis. Alprostadil is listed on the World Health Organization's List of Essential Medicines and was isolated in 1957 and approved for medical use in the United States in 1981.

Reasons not to take this medicine: The use of Trimix injections is contraindicated in patients with allergies to any components in this medication, sickle cell anemia, blood clotting disorders, any condition that can predispose you to priapism (a painful erection lasting more than 4 hours), multiple myeloma, leukemia, anatomical deformations of the penis, penile implants, and if you have direct instructions from your physician to abstain from sexual activity.



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What are the precautions when taking this medicine?

Tell your doctor if you have a condition or are taking a medicine that interferes with blood clotting. It is important to provide your healthcare provider with a list of all drugs that you are currently using. This includes all non-prescription drugs, illegal drugs, herbal, and dietary supplements. Some chemicals within Trimix injections can interact with your medication causing them to become ineffective or leave you with adverse effects.

How is it best taken?

Ideally, the injection should be administered just prior to foreplay. It is administered via an intracavernosal injection and should produce an erection in 5 to 20 minutes and can be expected to last up to one hour. To prevent bruising, apply firm pressure to the injection site for 5 minutes after injecting. Do not use more than three times a week.

There is a possibility of needle breakage with use of Tri-mix Injection. You should pay careful attention to your doctor's instructions and handle syringe and needle properly. If the needle breaks during injection, you should promptly contact your doctor. Never double your dose or increase your dose without first speaking to your medical provider.

What are the possible side effects of this medicine?

Although side effects are rare, these include mild to moderate pain during injection, painful sensation with erection, and a small amount of bleeding at the injection site. Call your healthcare provider if you notice any redness, lumps, swelling, tenderness or curvature of the erect penis. If you experience an erection lasting more than 2 hours, you may take 2 - 4 pseudoephedrine 30 mg by mouth once and apply an ice pack. If your erection does not go away within the next hour, seek professional help immediately. Erections that last more than 6 hours can cause serious damage to the penile tissue.

Other side effects that are even rarer include orthostatic hypotension, tachycardia, arrhythmias, and myocardial infarction.. The mechanism to which this set of side effects occur has not been rationally deduced through scientific study.

How should I store this medicine?

The mixture is not stable for long periods at room temperature. Once reconstituted keep this medicine in a refrigerator below 41°F (5°C). It is important to note that improper storage does not result in harmful chemicals. The only thing to suffer is the potency - the preparation may not be as strong as when fresh. Keep all medicine out of the reach of children. Throw away any unused medicine after the expiration date. Do not flush unused medications, nor pour them down a sink or drain.

It is important that you continue to see your regular medical doctor for your usual health care, tests, and routine health maintenance. We are not replacing your primary medical doctor.