

MODUS ED SWT TREATMENT

What is the action mechanism of Modus ED-SWT treatment?

It activates the stem cells, one of the body's natural healing mechanisms. Activation of vascular forming, stem cells stimulates new vessel formation Neoendotelization and Angiogenesis. As a result of penile blood supply increased with new vessel formation. The body's natural hardening system returns to its former normal state again.

How is Modus ED-SWT treatment performed?

Treatments are given in total 6 sessions. During treatment the penis and penis root is applied with low intensity ultrasonic sound waves.

Why Modus ED-SWT Treatment performed in sessions?

The reason for perform the treatment in sessions is related to the treatment mechanism. With the Effect of Low Intensity Acoustic Shock Waves Ensuring the formation of new vessels as a result of stem cell involvement, and the body's own natural healing requires time and It is slowly developing Mechanism.

For these reasons, modus ED-SWT treatment is performed in 6 sessions.



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What is successful rate of the treatment?

It is effective for all Vascular based Erection Problems.

the patients with Vascular stiffness problem accounts for approximately 70% of all patients and the largest group in this ratio is the patients with Diabetes and Coronary Vascular. In addition, Modus ED-SWT treatment is successful before and after prostate surgery.

Modus ED-SWT treatment success rate in mild and moderate patients with 6-12 sessions is over 80%, and Modus ED-SWT treatment success rate in severe patients with 12-24 sessions is over 60%.

In other words, in mild and moderate patients, 6-12 sessions of Modus ED-SWT treatment is successful with 3 out of every 4 patients, In severe patients, Modus ED-SWT treatment was successful in 12-24 sessions in 2 out of 4 patients.



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With 6-12 sessions Modus ED-SWT treatment to the mild and moderate group patients , It can avoid the patients from drug use or return them to a happy sexual life with a very low dose of the drug.

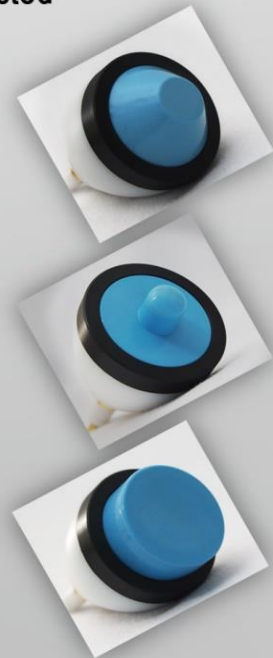
With 12 -24 sessions of Modus ED-SWT treatment, even for the heavy patients which does not respond to the drug , it makes them responsive to the drug and allows them to return to a sustainable happy sexual life.

There is no limitation in the number of sessions because modus ED-SWT treatment has no side effects. Additionally, each 6 sessions treatment , increase the success of the treatment.

Success rates obtained with oral medications are in the range of 60-70%.

In addition to the known side effects and adverse effects of drug treatment especially in coronary heart patients risks of sexual intercourse and the need to plan for sexual intercourse, 50% of patients discontinue use after certian time.

Also, for the severe patients whose do not respond to drugs, anda re directed to the needle and penis prosthesis as a last resort , after Modus ED-SWT treatment responsivity to drugs after treatment has been shown.



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Is it safe? Is There Any Side Effects?

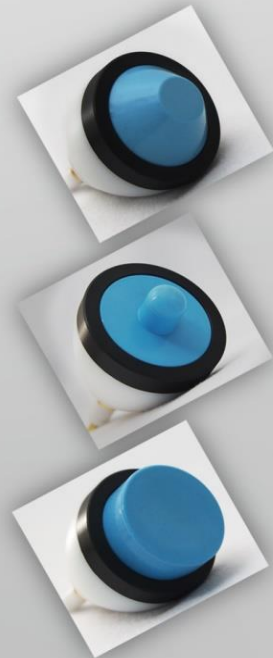
Modus ED-SWT treatment is completely safe. There is no interference and it is completely non-invasive procedure. There is no drug use. Till now, no reported any side effects during and after treatment. After each session, patients return to their daily activities without waiting. There is no restriction in their daily activities.

Is there any pain during and after Treatment Session? Is there need to Sedation, anesthesia or pretreatment preparation need? What is felt during treatment?

There is no pain during and after modus ED-SWT treatment, and has not been reported till today.

There is no need for sedation, anesthesia or pretreatment needs. There is no noa restriction after treatment. Some patients may feel a slight tingling sensation during treatment.

And that this feeling disappeared at the end of the session



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How long is the treatment session?

Each treatment session lasts approximately 20 minutes. Modus ED-SWT treatment is not a single session treatment. At least 6 sessions of treatment are required. 6-12 sessions are required for successful treatment of mild and moderate patients, 12-24 sessions are required for successful treatment of severe patients.

When is treatment success felt for the first time?

The effect of treatment is felt one month after the end of the last Modus ED-SWT session.

Is it necessary to repeat the treatment in the future?

Due to lack of side effects in Modus ED-SWT treatment, There is no limit to the number of sessions. In addition, every 6 sessions of treatment increase success. In the future, the repeated treatment of 6 sessions increases the effect of the treatment.



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Does it have an effect on penis size?

Modus ED-SWT treatment Shows a frequent status in patients with an increase in penis thickness of 5mm or more. This is due to the formation of new vessels.

What is the working principle of technology?

Low Intensity Shock Wave Therapy is used successfully Since 2000 the field of cardiology in re-vascularization of damaged heart tissue. It increases blood supply in the heart in the tissue with low blood. Once formed, the shock waves are then projected and focused.

As well as the formation of thin new vessels in heart, It forms new vessels in the penis, leading to increased blood supply to the penis and thus successful erection is restored. Successful stiffening depends on adequate blood supply to the penis.



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What Is Erection Problem?

- Impotence (Erectile Dysfunction), known as erectile dysfunction, is the inability to initiate or sustain erection required for sexual intercourse. Vascular disease or commonly known as Vascular Stiffness is the main reason of 70% of people with erectile dysfunction problem.
- Heart Coronary Artery Disease and Diabetes are the most common vascular diseases, but all the diseases involving the vessels may occur the Erection Problems. Arteriosclerosis affecting the coronary vessels in the heart also affects all other vessels of the body, The veins of the penis is one of them.
- One of the most common diseases among vascular diseases is diabetes. Diabetes is a disease that holds all the fine capillaries of the body; this includes the veins of the penis. Therefore, in patients with diabetes, sooner or later hardening problem is seen.
- Vascular disease or other factors that trigger and promote Vascular Stiffness is the smoking, cholesterol and lipid level increasing in the blood.
- In addition, erectile dysfunction is frequently seen as a side effect of many medicines used in the treatment of various diseases.
- The problem of hardening is a very common complaint, contrary to what is known. It is seen intermittently or continuously in 2 of 3 men over 40 years of age.



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DISEASES AFFECTING HARDENING

- Diabetes
- Cholesterol
- Heart diseases (Bypass, Angio)
- Blood pressure
- Prostatitis
- Depression
- In chronic patients, vessels become irritated over time, calcification and blockages occur. This blockage is removed by shock wave therapy.

PERMANENTITY OF TREATMENT

It varies according to the person's body and chronic diseases.
The attention that the person pays to his health help the treatment proceed.



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WHO CANNOT GET THE TREATMENT

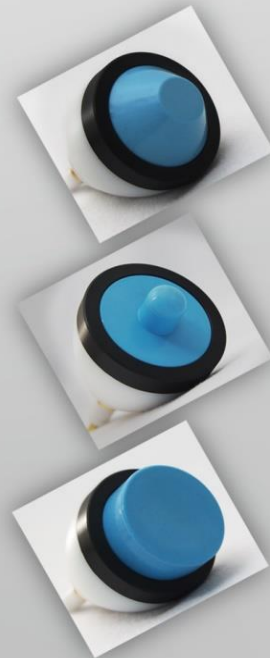
- Persons with Penis Prothesis.
- Varukocene: Death of sperm in the penis.
- Venous Leakage: May be slightly effective, try to be useful, applicable.
- Patients with prostatitis are not treated. When the prostate is enlarged, it compresses the vessels and nerves and the erection will be avoided. Treatment can be performed 3 months after surgery.
- Patients with inguinal hernia may be treated 1 month after surgery.

In younger patients, the cell is higher quality and the treatment results will get faster. As the age progresses, the stem cells amount will decrease and the vessels will stop working. Modus ED-SWT treatment is used to stimulate dead cells and repair corrupted vessels. Additional vascular formation occurs in the capillaries in the penis 1 month after the end of treatment, thus more blood causes more hardening.

HOW IS MODUS ED-SWT APPLIED?

ED-SWT treatment is applied directly to various region of the penis and the root of the penis. 300 shots are applied to each region in a single session and a total of 1,500 shocks are performed. In the Penis 5 different regions selected for shock wave application. The treatment lasts 6 sessions. Treatment can be completed in 6-12 sessions depending on the severity of the condition. Each session lasts approximately 20 minutes.

No preparation like Sedation, soothing, etc. required before treatment. There are no side effects such as pain, ache, swelling, bruising, burning and irritation during or after the procedure.



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Advantages and Achievements of Modus ED-SWT

- No drugs, prostheses and so on used in the Treatment. This treatment method is completely invasive.
- As with other treatment methods, it does not need to be used before each sexual intercourse.
- The treatment is not like drug to open the vessel for a certain time, but offers permanent treatment by completely removing and accelerating new vessel formation.
- Modus ED-SWT treatment has been observed to increase the thickness of the penis by increasing blood vessels.
- After the procedure, the patient continues his daily activities.
- It does not require anesthesia or sedation during and after the procedure.
- ED-SWT treatment success is over 80%. Success rate exceeds 60% in severe patients who don't respond to drug treatment.
- After ED-SWT treatment, patients no longer need the drug treatments they used before.
- There are no side effects.



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What are the differences from other treatment methods?

Current non-surgical treatment methods of erectile dysfunction include intracavernosal injections of intravenous vasodilating agents. In these methods, blood flow is accelerated by increasing the width of the vessel. The disadvantages of these treatment methods are that It does not eliminate the pathological factors underlying the erect of penis. It is usually used before sexual intercourse and the duration of action is very limited. In drug treatments, drugs are taken orally and the active substances are mixed into the blood. In this case, the active substances that need to open the veins in the penis spread to the body to affect all vessels in it. This creates serious risks for individuals with cardiovascular diseases. In modus ED-SWT treatment, focused shock waves only stimulate blood vessels in the targeted area.

In the treatment of modus ED-SWT with focused shock waves, these pathological factors are completely eliminated. Full recovery is observed even in severe patients. Modus ED-SWT does not increase vessel width as in other treatment methods, new vessel formation is provided. Thus, increased risky side effects are avoided, especially in people with cardiovascular diseases. In addition, Modus ED-SWT is a noninvasive treatment modality and surgical intervention is not performed. After about 20 minutes of sessions, The patient resumes his daily activities. The Modus ED-SWT system is specially designed for penis applications. The Modus ED-SWT system is designed to provide maximum efficiency even at the lowest rhythms of the shock waves. Unlike other devices on the market, this system has adjustable electro-frequencies and the number of shocks can be adjusted individually for each person. Thus, Modus ED-SWT treatments give much more effective results in a short time.



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PROSTATIT(prostatit inflammation)

Prostatit is the inflammation of the prostate gland. Prostate inflammation (prostatitis), is the most common prostate disease in men under 50 years of age and it is the 3rd disease after Prostate enlargement (BPH) in men aged 50 years and older and prostate cancer. According to research, prostate inflammation affects 10-14% of men of all ages and ethnicities, and more than 50% of men have an episode of prostatitis at some point in their lives.

Chronic prostatitis is often treated with long-term antibiotic use. Although most patients generally use a lot of antibiotics, they do not get well.

Shock Wave (Modus ED SWT) Treatment for Chronic Prostatitis Problem

Low intensity electromagnetic shock wave (Modus ED SWT) treatment in patients with chronic prostatitis;

By Providing new vessel formation, Increasing blood supply, By preventing inflammation, Reducing muscle contraction, By affecting nerve impulses, It has been shown by scientific studies that it remove the pain, urinary complaints and improve sexual functions by 80%.



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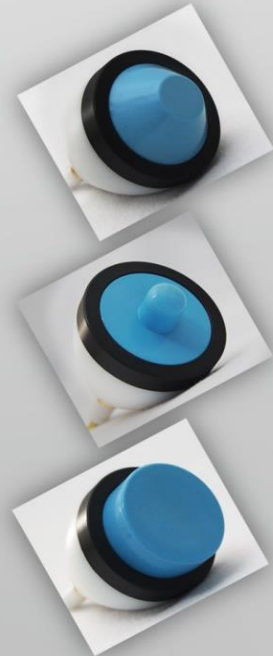
APPLICATION AREA

Modus ED SWT treatment is applied on the perineum (between testes and anus) over the skin.

It does not require any interference. After the procedure, patients resume their daily activities.

Anesthesia and hospitalization are not required. There are at least 6- 12 sessions twice a week.

Treatment lasts about 20 minutes.



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PEYRONIE

It is a disease that causes deformity of the penis with the formation of hard plaques on the penis. Peyronie's disease is a change in the structure of the sheath called the tunica albuginea that surrounds the penile tubes (corpus cavernosum), and as a result of this change, there are stiff plaques that deform the penis. Penile lesions usually occur on the upper side of the penis. The disease is most commonly observed between the ages of 40-60.

Penile strains (bending, bending, etc.) during penile erection lead to microtrauma in the sheath, In the recovery period of the damage caused by these microtrauma, plaque (peyronie plate) develops due to substances secreted from the body. The plate exhibits a hard calcified texture. Depending on the plate size and location, the penis may bend in a certain direction and constriction around the penis may develop.

Peyronie's disease is more common in diabetics, smokers, alcohol users and hypertension. Peyronie's patients have symptoms such as curvature of the penis, pain, progression of erectile dysfunction, and shortening of the penile length. The curvature is the next step. During hardening, a curvature may occur on the side of the hand that is hardened.

Numerous drug treatments have been used for peyronie's disease. There is no drug that completely destroys plaques.



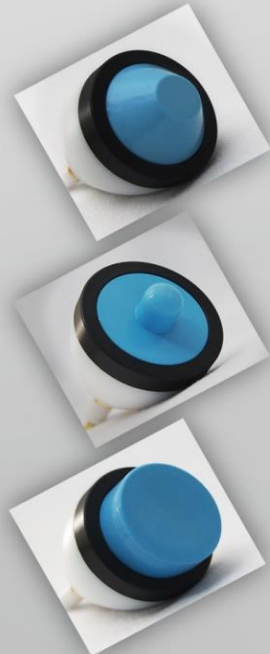
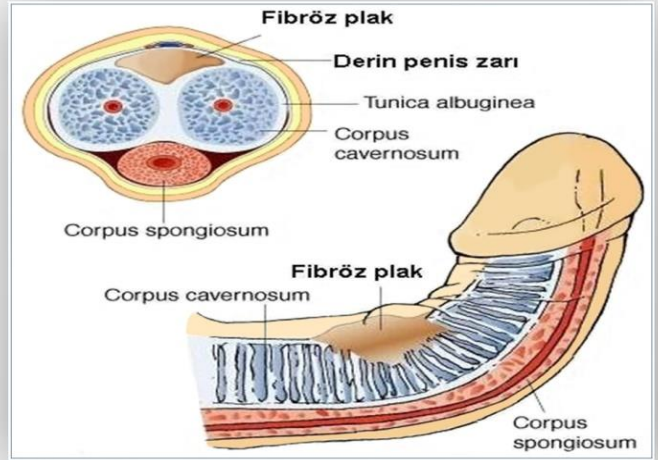
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Shock Wave for Peyronie (Modus ED SWT) Treatment

Patients with Modus ED SWT treatment had decreased pain and improved erectile dysfunction. Low energy shock waves applied to Peyronie plaques in the acute phase cause the plaque to shrink due to their effects on tissue healing mechanism. These remarkable effects on pain during erection and curvature of the penis contribute to the sexual life of Peyronie patients with a quality erection besides pain and curvature treatment

APPLICATION AREA

Modus ED SWT treatment uses low-intensity shock waves to the shaft and crus on the penis by means of a non-invasive method, and consequently helps to increase blood flow in these areas of the penis and to treat pyronia. After the procedure, patients resume their daily activities. Anesthesia and hospitalization are not required. Application is done at least 1 or 2 sessions per week. 6-24 sessions are required depending on the size and size of the plate. The session lasts 30-40 minutes.



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PROSTATE AND HARDNESS DISORDERS

Prostate is an important gland in all men and weighs 18-20 grams in young and adult men. Prostate disease is a condition that is frequently encountered by middle and upper age men and affects the sexual and daily life of the patient.

Prostate discomfort that occurs in middle ages usually occurs in three ways.

1. Prostate inflammation
2. Prostate cancer
3. Benign prostate enlargement

Importance of Prostate

The main task of the prostate is to ensure the formation of a large amount of semen, and the vitality and movement of sperm in the semen to be provided. A problem in the prostate gland affects the general health of the patient as well as sexual health.



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Symptoms and Treatments of Prostate Disease

Prostate disease usually manifests itself as pain and burning during urination, frequent urination, blood in urine, sexual reluctance and erection problems, and pain in the testicles.

In the treatment of prostate disease usually medication and surgical methods; In prostate cancer, radiotherapy and hormone treatments are also used according to the severity of the disease.

Relationship between prostate and erection

According to scientific studies, it is observed that the factors causing prostate disease also cause erectile dysfunction. In addition, hormone treatments used in prostate cancer suppress male hormone. After these testosterone-inhibiting drugs, people may experience sexual reluctance and loss of penis function. In addition, erection nerves are usually taken in prostate cancer surgeries. Thus, the patient has a high rate of erection loss.



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What are the differences from other treatment methods?

In the treatment of prostate disease, usually antibiotic drugs, surgical methods and radiotherapy (for example in prostate cancer). These treatments can cause severe damage to the body and reduce the quality of life of the patient.

When Modus ED SWT device applied, It make the following around prostate gland:

Providing new vessel formation,

- Increasing blood supply,
- Preventing inflammation,
- Remove the pain affected by nerve impulses, urinary complaints and eliminates sexual problems.



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Drugs Causing Hardening Problem

Lipid Cholesterol Decreasing Drugs	
Diuretic and High Blood Pressure Drugs	Digoksin - Clorothalidone - Reserpine - Tramterene - Furosemide - Prazosin - Bumetanide - Phenoxybenzamine - Guanfacine - Guanabenz - Guanethidine - Guanfacine - Phentolamine - Methyldopa - Clonidine - Verapamil - Nifedipine - Hydralazine - Captopril - Enalapril - Metoprolol - Propranolol - Labetalol - Atenolol - Phenoxybenzamine - Spironolactone - Carvedilol - Hydrochlorothiazide
Anti-Depressant Anti-Anxiety Anti-epileptics Drugs	Fluoxetine - Tranylcypromine - Sertraline - Isocarboxazid - Amitriptyline - Amoxapine - Clomipramine - Desipramine - Nortriptyline - Phenelzine - Fluphenazine - Buspiron - Chlordiazepoxide - Clorazepate - Diazepam - Doxepin - Imipramine - Lorazepam - Oxazepam - Phenytoin - Chlorpromazine - Imipramine - Isocarboxazid - Mepramate - Mesondazine - Nortriptyline - Oxazepam - Thioridazine - Trifluoperazine - Tranylcypromine - Thiothixene
Allergy - Antihistamine Drugs	Dimehydrinate - Diphenhydramine - Hydroxyzine - Meclizine - Promethazine
Pain Relief Nonsteroidal Antiinflammatory Effects	Naproxen - Indomethacin - Ibuprofen - Codeine - Fentanyl - Hydromorphone - Meperidine - Methadone - Morphine - Oxycodone
Parkinson's Drugs	Biperiden - Benztropine - Trihexyphenidyl - Procyclidine - Bromocriptine - Levodopa
Prostate Cancer Drugs	Flutamide - Leuprolide
Muscle Relaxants	Cyclobenzaprine - Orphenadrine
Stomach - Reflux Drugs	Cimetidine - Nizatidine - Rantidine
Chemotherapy Drugs	Busulfan - Cyclophosphamide - Antiandrogenler - Ketoconazole - LHRH agonistleri
Anti-arrhythmic Heart Drugs	Disopyramide
Urinary System Drugs	Finastende
Other Disease's Drugs	Aminocaproic - asid Atropin Clofibrate - Cyclobenzaprine Cyproterone - Estrogen - Furazolidone - Licorice - Metoclopramide - Orphenadrine - Prochlorperazine - Pseudoephedrine - Alkol - Amfetaminler - Barbituratlar - Nikotin

