

REGENEX TREATMENT



Regenex Treatment is used for fast recovery of athletes from central and peripheral fatigue and chronic fatigue syndrome, after training and competitions, acute pain prevention, treatment of sports injuries, acute and chronic pain, and it is a combination of advanced technology and scientific research that is already being used by certain Top athletes in the world, and their experiences are fascinating in all of the above mentioned segments.

Regenex treatment increases the level of physical fitness in athletes, which is why they can withstand increasing physical efforts in training and competitions. The goal of our treatment is faster entry into full athletic shape in the preparation period and its maintenance at a high level in the competition period.

Regenex Treatment is performed using Regenex Combolift Massager™ and 2 lines of herbal products in the form of gel and spray:



Regenex Herbal Spray®



Regenex Herbal Gel®



Pain Buster Herbal
Spray®



Pain Buster Herbal
Gel®

Herbal Products **Regenex Herbal Spray®** and **Regenex Herbal Gel®** are responsible for micro-neuro-regeneration of the tissue, while **Pain Buster Herbal Spray®** and **Pain Buster Herbal Gel®** are used for treating acute and chronic pain in the bones and muscles, spasms, and sore muscles.

For all herbal products, we have the certificate of the Anti-Doping Agency of Serbia ADAS that do not contain doping substances, so athletes can use them safely while they train and compete! - Link

The task of the **Regenex ComboLift Massager™** is to perform **micro-neuro-activation**, that is, to wake up and open the cell, stimulate the tissue, and enable the herbal products to penetrate deeper into the wider area of the treated surface. The central nervous system can sense the influx of increased nerve signals and activate targeted muscle groups and peripheral nerves.



Regenex Treatment varies and depends on the type of injury, fatigue, and pain, and is individually created for everyone, but the ultimate goal is the same, which is to help athletes to return to their activities in full form.



WHY REGENEX TREATMENT?

All training programs of athletes should integrate Regenex Treatment because it is a valuable tool for achieving maximal results, particularly for the athletes who want to achieve highest levels of sports performance in professional sport.

Because it has scientifically confirmed effect.

The effect and efficiency of Regenex Treatment have been scientifically confirmed at several international congresses.

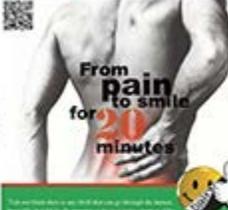
At the 7th World Congress of the World Institute of Pain (WIP 2014) which is a major biennial gathering of pain management specialists we had the opportunity to successfully present our Regenex Treatment for treating pain and its effectiveness in treating Acute and Chronic Pain and Prevention of Acute Pain.



LOCAL IMPLEMENTATION OF THE ORIGINAL HERBAL PREPARATION IN PAIN FOLLOW SPORTS INJURIES-IS IT DOOMED TO PAINKILLERS?

PAVLOV MEDICINE
Physical health improvement center - Pavlov, Belgrade, Serbia

New From pain to smile for 20 minutes

ABSTRACT
Chronic pain is a widespread health problem all over the world. There is a growing need of additional help for people who are affected by the management of chronic pain, but there has also been a rise in people seeking relief in alternative and natural methods of alternative and natural medicine. Chronic pain is defined as pain that lasts longer than three to six months. Though some medications may assist in the pain that lasts more than six months, research is still being done to see whether there are better ways to manage chronic pain.

INTRODUCTION
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RESULTS
Some of the subjects of the study of 100 or 1000 patients had pain. The average time of pain was 2.0 ± 0.5 days. Pain decreased from 4 minutes from 2.0 ± 0.5 to 1.0 ± 0.5. That was more rapidly than in previous studies. Medication that is generally used in the treatment of pain is 1.0 ± 0.5 to 1.0 ± 0.5. That was more rapidly than in previous studies. Medication that is generally used in the treatment of pain is 1.0 ± 0.5 to 1.0 ± 0.5. That was more rapidly than in previous studies.

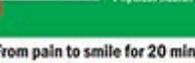
CONCLUSIONS
Pain can be treated with natural methods of alternative and natural medicine. Chronic pain is defined as pain that lasts longer than three to six months. Though some medications may assist in the pain that lasts more than six months, research is still being done to see whether there are better ways to manage chronic pain.

REFERENCES
1. [Citation 1]
2. [Citation 2]
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CHRONIC PAIN TREATMENT WITH NATURAL METHODS WILL OFFICIAL MEDICINE HAVE TO ADMIT DEFEAT?

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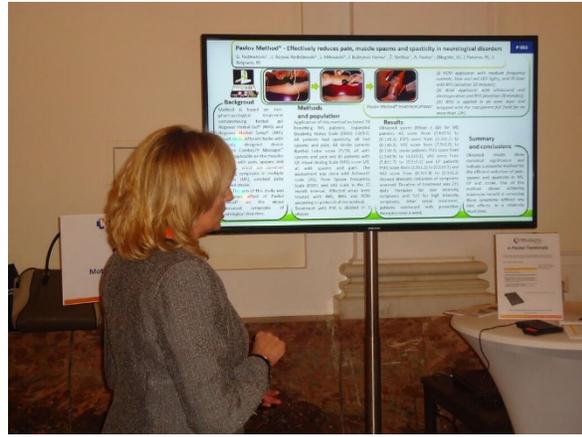
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At the European Congress of NeuroRehabilitation (ECNR), in the Vienna, Austria we presented our Regenex Treatment (former Pavlov Method), method which effectively reduces pain, muscle spasms and spasticity in multiple sclerosis, stroke and cerebral palsy. Our Regenex Treatment showed, which is confirmed by this study, strong and lasting (strong and lasting) effect on the tissue repair involved in motor activity (muscles, nerves, and bones) and the removal of symptoms such as pain, spasm, and spasticity.



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Why is Regenex Treatment revolutionary?

Because in one treatment almost all major problems of a modern athlete are solved:

- Fast Recovery
- Fatigue of Central Nervous System
- Peripheral fatigue
- Acute and Chronic Pain
- Prevention of the Acute Pain

Coaches and strength professionals understand the principles of progressive loading, recovery, and work-to-rest ratios, and the careful integration of multiple training elements in a complementary fashion.

These are the same principles required to understand **mechanisms and benefits of Regenex Treatment for athletes.**



How can you optimize the preparation of your athletes?

We are all breathing, walking, and talking because of our brain's ability to send electrical impulses throughout all areas of our body in an exceptionally coordinated fashion. Without electricity, we would cease to be thriving organisms.

Although electricity can be considered a hazard, in the right amounts and forms, and in the combination with ultrasound and active herbal principles from our products, it can be used effectively for the regeneration of the neuromuscular and skeletal system to enhance overall health and well-being.



FATIGUE

Fatigue after strenuous training is a good sign that the exercise moves the limits of the athlete's physiology. Training should not be excessive and exhausting, and it should make the person a bit - excited. Fatigue that takes days shows that the physiology of people over-challenged and that the muscles and energy reserves are not effectively recharged. The **peripheral and central mechanisms** contribute to muscle fatigue. Peripheral fatigue is the occurrence of a metabolic endpoint when glycogen stores are discharged, the plasma glucose concentration is reduced, and levels of free fatty acids in plasma are elevated. The central mechanisms include motor neurons that are mostly found in the brain, and peripheral include motor units (motor neurons, peripheral nerves, motor plates, muscle fibers).



PERIPHERAL FATIGUE

Peripheral muscle fatigue represents the inability of an athlete to maintain the expected level of exercise intensity. The reason for the occurrence of peripheral muscle fatigue are local changes in the internal state of the muscles. These changes can be **biochemical changes**,

discharge of the substances stores like glycogen, high energy phosphate compounds in muscle fibers, acetylcholine in the end of the motor nerves branches, may be due to the accumulation of metabolites, such as lactates or electrolytes that are released from the muscles during muscle activity, changes resulting from a musculoskeletal mechanism disorder resulting from poor response to different types of exercise, and recently suggested changes related to the immune and genetic response.



CENTRAL FATIGUE

Fatigue of the Central Nervous System (hereinafter referred to as CNS), or **Central fatigue**, is a form of fatigue that is associated with changes in the concentration of neurotransmitters within the synaptic neurons in the central nervous system (CNS; including brain and spinal cord) which affect the performance of sports activities and muscle function. This type of fatigue is manifested by a **reduction in the nerve transmission of motor impulses from the CNS** to the muscles.

Neurochemical changes in the brain primarily include **changes in the level of the neurotransmitters** serotonin (5-HT), noradrenaline and dopamine.

Increased Dopamine Concentration, IMPROVES exercise performance.
Increased serotonin concentration, or noradrenaline, REDUCES exercise performance.

In healthy athletes, central fatigue can be a consequence of:

- High-intensity work occurring too frequently in a training cycle
- Too much high-intensity volume in a single training session
- Introducing high-intensity training too rapidly into a training program when "residual fatigue still exists."

It's important to mention that central fatigue also has roots in psychology. For example, the limits of physical stress may be consciously or subconsciously limited by the athlete's pain, motivation, and subjective perception.



The role of central fatigue

The central nervous system fatigue is a key component in the prevention of peripheral muscle injury.

The brain has numerous receptors, such as osmoreceptors, to track dehydration, nutrition, and body temperature. With that information as well as peripheral muscle fatigue information, the brain can reduce the amount of motor commands sent from the central nervous system. This is crucial in order to protect the homeostasis of the body and to keep it in a proper physiological state capable of full recovery. The reduction of motor commands sent from the brain increases the amount of perceived effort which an individual experiences. By forcing the body through a higher perceived intensity, the individual becomes more likely to cease exercise by means of exhaustion. Perceived effort is greatly influenced by the intensity of corollary discharge from the motor cortex that affects the primary somatosensory cortex.

Endurance athletes learn to listen to their body. Central nervous system fatigue alerts the athlete when physiological conditions are not optimal so either rest or refueling can occur. Protecting organs from potentially dangerous core temperatures and nutritional lows is an important brain function. It is important to avoid hyperthermia and dehydration, as they are detrimental to athletic performance and can be fatal.



Assessment of the Central Fatigue

The central fatigue is assessed by a dynamometer (the number of clamping over time, three times a day), a vertical jump (a drop in performance is usually a sign of fatigue). Another marker of the sympathetic and parasympathetic system is basal temperature, heart rate at rest, blood pressure and Achilles tendon reflex.

Some notable drowsiness, lack of concentration, or tremors after exercise can also be indicators of the Central fatigue.



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CHRONIC FATIGUE SYNDROME

Central fatigue and **chronic fatigue syndrome** share many common features, and they are usually grouped together in the literature. People with a normal level of internal and external motivation, and the appropriate level of sensory and motor functioning may continue to have a performance reduction due to limitations such as endocrine abnormalities or autonomic dysfunction. Athletes who express abnormal levels of exertional tiredness during exercise, muscle fatigue, and intolerance to exercise have chronic fatigue syndrome.

Chronic fatigue syndrome is a name for a group of diseases that are dominated by persistent fatigue. It can be triggered by viral infection, immune system dysfunction, or abnormalities in the hormone secretion. **The fatigue is not due to exercise and is not relieved by rest. The main cause of fatigue in chronic fatigue syndrome most likely lies in the central nervous system.** A defect in one of its components could cause an increase in the intensity of the necessary effort in relation to the standard intensities needed to perform a particular exercise.

There is no known cure for chronic fatigue syndrome, and the most effective treatment in the official medicine is currently unknown. In order to alleviate the symptoms of chronic fatigue syndrome, drugs such as antidepressants commonly are used to treat depression that often accompanies this disorder, as well as sleeping pills to facilitate rest overnight.



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SPORTS INJURIES AND PAIN

Sports injuries are a nightmare in the career of each athlete, and one of the accompanying unpleasant consequences of injury is – **pain**.

Pain prevents the athlete to participate in sports activities, and when he suffers injury, he should know that there are - different types of pain and sports injuries.



Types of sports injuries

There are two kinds of **sports injuries: acute and chronic**. Acute injuries occur suddenly when playing or exercising. Sprained ankles, strained backs, and fractured hands are acute injuries. Signs of an acute injury include:

- Sudden, severe pain
- Swelling

- Not being able to place weight on a leg, knee, ankle, or foot
- An arm, elbow, wrist, hand, or finger that is very tender
- Not being able to move a joint as normal
- Extreme leg or arm weakness
- A bone or joint that is visibly out of place.

Chronic injuries happen after you play a sport or exercise for a long time. Signs of a chronic injury include:

- Pain when you play
- Pain when you exercise
- A dull ache when you rest
- Swelling.



Pain Categories

Athletes have some degree of discomfort during training which, in general, is not pleasant. For muscle strength to increase, the muscle must see some increase in stress over what it is used to experiencing, and this stress is usually perceived as the "burn" in muscle during activity. This mild burn is what we call **good pain**. This pain should be short-lived and resolve soon after the activity ends.

The muscles, tendons, ligaments, cartilage, and bones of the body are living structures that react to the stress of exercise only gradually. If they see stress too fast, they cannot respond effectively and may begin to fail. The causes of the failure can be too much stress too fast, or it can be the accumulation of excessive stress over time. When this occurs, each one of these tissues responds a little differently. This can result in **bad pain**.

Performance pain (good pain) tends to be acute, short in duration, and the result of the voluntary action, and therefore, athletes may feel more in control of performance pain. However, it is important to differentiate when performance pain starts to border on injury pain because injury pain is often an indication of tissue damage or injury.

Injury pain (bad pain) signals danger to an athlete's physical and psychological well-being and can be perceived as a threat to their ability to perform. Injury pain is not subject to the control of the athlete and may be of either an acute, chronic, benign or harmful variety.



Acute and Chronic Pain

Firstly, **the distinction between acute and chronic pain** is indicative of the duration that an athlete experiences pain. Acute pain is an intense pain that is most often short in duration and is the result of tissue damage and trauma to the body. Chronic pain, on the other hand, is best conceptualized as the persistence of pain. Therefore, it is longer lasting pain, largely uncontrollable, and continues long after the initial injury. Adaptive changes at all levels of the nervous system for the transmission of pain often last longer than their own usefulness in the protection of injured tissue. Movements and pressures that would otherwise be normal continue to cause pain even after the risk of further injury has ceased and often, even when the tissue is healed. Perception on of chronic pain may impair an athlete's social and psychological well-being.





Why would athletes take advantage of the unique potential and availability of innovative technology of REGENEX TREATMENT and integrate it into everyday sports activities





Research has proved that Regenex Treatment really works

Positive results support the use of Regenex Treatment for **fast recovery from sports injuries, central and chronic fatigue, acute and chronic pain treatment, as well as acute pain prevention**. Like any training tool, you will achieve optimal results when using the technology appropriately in terms of specific settings, timings, frequency, and duration of treatment and the overall range of the treatment. The key is in the appropriate conjunction of the Regenex Treatment with a well-organized training program. Simply one use of Regenex Treatment is not enough. You must have clear goals and objectives for Regenex Treatment, as well as a plan for how and when to use our technology.

Coaches maximize Regenex Treatment benefits when they integrate the units with well-planned conventional training. **Use of Regenex Treatment alone, at best, provides the same benefit as voluntary training**; Since Regenex Treatment restores the nervous system of athletes in balance, it will not fatigue the brain of an already over-taxed athlete. The combination of conventional training and Regenex Treatment provides a significant advantage over either method alone because the cumulative effect of both methods provides a boosted training scenario with less energy cost to the athlete. This is a win-win proposition, especially if the stresses of life and training over-stimulate an athlete's nervous system.



Regenex Treatment delivers a clean, complete muscle contraction

Our athletes are over-inundated with an excessive amount of physical and mental stress which accumulate and create excessive fatigue and also interfere with athletes' thought processes and autonomic signals within their brains and bodies.

If we rely solely on voluntary strength training to prepare athletes, we are selling them short. Using the Regenex Treatment, an athlete can **contract a muscle group more completely and cleanly** than by classical training. Regenex Treatment bypasses the "noise" and works directly on the muscle to get a complete contraction. This is particularly important when targeting fast-twitch muscle fiber, which you can preferentially target with the correct stimulation frequency.



Using Regenex Treatment makes coaches more efficient and improves their professional knowledge

Not only does the use of Regenex Treatment make you think more about the recruitment characteristics of skeletal muscle, but it also helps you to **locate problems on the athlete body** related to fatigue and injury in both the peripheral and central nervous systems.

For example, in a significant knee injury, voluntary strength training is not enough for restoring the atrophied quadriceps muscle. In essence, the athlete's brain was not allowing the muscles to contribute fully to the movement of the knee joint in basic squatting and pulling motions. Because the message from the brain to muscle was not getting through, inhibition was dominating the program. As a diagnostic tool, the Regenex Treatment can indicate when the inhibitory response is dissipating, to successfully reintegrate larger volumes of conventional exercise into the athlete's training program without re-injuring the knee. Regenex Treatment helps in muscle contractions so that athletes, after a certain time, can reintegrate an increased amount of conventional exercises into their training program.



Regenex Treatment enhances connections between CNS and muscles

A muscle injury damages the connections between mind and body and thus disrupts the brain. Regenex Treatment helps to **repair those connections and work through the inhibitions created by the brain's self-imposed protective mechanisms**. Use of the Regenex Treatment is essential in moving past the obstacles and inhibitions to provide maximal recruitment of certain muscle group. Once recruitment patterns are re-established and the muscle is fully restored through both, isolated use of Regenex Treatment and superimposed training, the injured extremity does not present any further problem for the athlete. In cases of both fatigue and injury, the signals between the brain and the body are easily disrupted. Regenex Treatment can not only restore, but also enhance those connections.





Assessment of the neuromuscular system with Regenex Treatment

Regenex Treatment can help assess the neuromuscular system by monitoring the amount of current required to contract the muscles. As the neuromuscular system improved through the rehabilitation process, less and less current was required to attain a full contraction. Monitoring the levels of intensity on the Regenex Combolift™ massager unit can show the progress of muscle regeneration (and the central nervous system) in injured states.

It has been possible to identify **central neurological fatigue** by measuring the difference between the subject's maximum voluntary contractions and the high levels achievable by Regenex Treatment. This aspect of activating the maximum number of fibers using can also be used as a test to **identify chronic fatigue syndrome**. Use of Regenex Treatment on the muscles in athletes with chronic fatigue syndrome can activate more fibers and produce greater strength than it was possible for those athletes to achieve by voluntary contraction, thus demonstrating the central neurological component as an essential factor in performance reduction as a result of chronic fatigue syndrome.

It is also possible to identify **peripheral fatigue** by applying electrical stimulation to the relevant nerve to make muscles twitch directly, before and after physical activity, which tells you how the function of the muscle itself has changed.



Affects Central and Peripheral Component of the Fatigue

There are different modalities of the treatments used for the treatment of the fatigue in athletes. They might be broadly differentiated as being either physiological (e.g., cryotherapy, hydrotherapy, massage, compression, sleep), pharmacological (e.g., non-steroidal anti-inflammatory medications) or nutritional (e.g., dietary supplements), all mean to limit continued post-exercise fatigue and inflammatory events within the exercised muscle cells and eventually an injury. For example, The **use of nutritive supplements such as SR2W-1, BCAA or ornithine aspartate is not efficient in removal of the central fatigue**.^{1,2} This peripheral focus emphasizes the importance of an accelerated

return of structural integrity and functional capacity of the muscles. Regenex Treatment is, unlike other treatments focusing on the central component of the fatigue, and the role of the CNS in development of the fatigue, besides the peripheral component. During the treatment, muscles are activated, and also CNS through peripheral nerves, which feel the flow of the amplified nerve signals and modulates neuro chemical motor responses, so in athletes, besides the symptoms of peripheral fatigue, symptoms of the central fatigue also disappear and athletes are ready to return to their regular sports activities in full shape.

The central component accounts for 40% of fatigue, and the peripheral component, 60%. Mental stress linked to competition and the athlete's motivation to win significantly influences the central component but has no effect on the peripheral component. So, during the competition, the central component of fatigue is reduced so that the motor neurons discharge their excitations to the muscle fibers in a more sustained way than is the case during training. The fibers are then incapable of complying with such requests from the nervous system because they are never called upon to function at such levels during training. Regenex Treatment enables muscle fibers to work at a higher rate (and therefore at higher motor neuron discharge frequencies) than an athlete could normally manage when training.

So, when training with the use of Regenex Treatment, stress will reduce the central fatigue experienced during the competition, because performance will have been improved by preparing muscle fibers through training them at the same work rate as that demanded during the competition. The result will be that athletes win more competitive events because their central fatigue and peripheral fatigue levels have been improved.

References

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Affects Chronic Fatigue Syndrome

Chronic fatigue syndrome affects athletes in different ways, so Regenex Treatment also adapts to specific symptoms.

Regenex Treatment promotes the balance and regeneration of the athlete's body, which leads to the strengthening of the immune system, balancing the hormonal status,



restoring muscle strength, energy, and good mood. After a relatively short time, the athlete returns to sports and life activities in full form.



Regenex Treatment dramatically accelerates recovery time

In tight schedules, when athletes might not have the time or energy to implement recovery and regeneration protocols, Regenex Treatment is an extremely useful tool. Active recovery protocols that encourage circulatory mechanisms within the body help facilitate a more complete and expedient recovery. Optimally, athletes can implement Regenex Treatment with running, stationary bike training, or swimming-pool exercises, which can hasten recovery. Large muscle groups can be treated to promote circulation and to tone the muscles back to normal.

It is also important to note that athletes who used maximum strength and speed in sports activity, using Regenex treatments, **felt greater progress in recovery the next day**, in terms of relaxation of the muscles and mobility of the joints.

Regenex Treatment with the application of **Regenex Herbal Spray®** and **Regenex Herbal Gel®** also speeds up the healing of muscles, tendons, joints, inhibits inflammation and ischemia and dramatically reduces recovery time after injury, in contrast to other types of standard treatments for sports injuries involving application of the electrostimulation, cryotherapy, thermotherapy, ultrasound, massage etc. **When a quick recovery is required, Regenex Treatment is the right choice!**



Increases blood flow in tissues

The increased blood flow to specific tissues and muscles means the faster recovery of cell function and balance, especially in terms of the interstitial fluid. As blood flow increases, the toxin elimination (intracellular H+) rate accelerates and the ionic balance (extracellular K+) and glycogen reserves are regained faster. The water, mineral salts and carbohydrates delivered by food will further aid recovery.

It has been successfully demonstrated **Regenex Treatment definitely increases arterial blood flow** in muscle masses subjected to stimulation. This increase in arterial flow is



considerable with the rate being four times that of the body at rest, but with the great advantage that this is obtained with no increase in heart rate or arterial pressure, i.e. with no added general fatigue. Furthermore, **the venous return blood flow rate is also increased** by the same factor as the arterial flow, thus delivering the genuine venous drainage that is so effective against the sensation of heavy legs. It is also believed that the mechanical effect of the successive muscular contractions applying pressure to the vascular structures (the pump effect) improves lymphatic drainage.



Regenex Treatment relaxes muscles

Regenex Treatment has the ability to essentially **reset muscle tone** and provide athletes with not only the means to contract muscle more efficiently but also to **relax and de-contract muscle more effectively. This benefit is critical in explosive cyclical movements**, such as sprinting, where the nervous system is required to contract and de-contract muscle in a very short amount of time, at very high speeds. Regenex Treatment can help athletes minimize **muscle stiffness, cramping**, and general peripheral and central fatigue.

Our central nervous system naturally produces varying quantities of peptides, which have the ability to deliver pain relief (the analgesic effect), as well as general muscle relaxation and reduced anxiety. These peptides can create an analgesic effect and general muscle relaxation. The production of these peptides is enhanced by the pulse frequencies of Regenex Combolift Massager™. In addition to this general relaxation, produces a local relaxation effect in the muscle masses directly subjected to stimulation. Therefore, toxin removal increased blood flow, and increased production of peptides (endorphins) will produce an endorphin effect (disappearance of pain) and a local relaxation effect. **Muscles are perfectly relaxed and ready for a new activity!**



Reduces the negative impact of travel on the athlete's readiness

When athletes have to travel, long waits in the airport—and long periods spent sitting on the airplane, bus, train, etc.—can lead to joint and muscle stiffness. Regenex Treatment can help athletes **stay supple and keep their bodies well-maintained** when it comes to oxygen circulation, waste removal, and even getting a good night's sleep.



Athletes report feeling significantly better after using the Regenex Treatment unit on their trip, and have **a better sleep** when they arrive at their destination. In conversations with numerous teams in the professional sport, we got a confirmation that athletes who rely on their bodies for their income realize the benefits of Regenex Treatment. The schedules and demands of the regular season are so stressful that every athlete needs help with their recovery and the maintenance of strength. Regenex Treatment provides a simple, convenient solution to this problem.



Treatments can be applied anywhere

Regenex Treatment can be **applied anywhere** because of device mobility: in the field, in the locker room, training centers, or in home conditions.



Prevents the occurrence of secondary injuries

When the original injury is healed, the muscles are not as strong as they were before the injury. Unlike other treatments available for the treatment of sports injuries, Regenex Treatment with **Regenex Herbal Spray®** and **Regenex Herbal Gel®** is very effective in strengthening the nervous-muscular-bone system after repairing the injury, which prevents the occurrence of secondary injuries after return to sports activities.



Non-surgical and non-pharmacological treatment

Drug use can significantly delay communication between the brain and the body, to disrupt nerve impulses and slow down reflexes. Surgical interventions result in long periods of recovery, they can prevent athletes from completing the competition season, and they are associated with many complications and risks. **Regenex Treatment stimulates the body naturally to regenerate** and relieve pain. Although in certain cases surgery and medication are necessary, Regenex Treatment can be an alternative or complementary treatment. Experts agree that Regenex Treatment is irreplaceable for the treatment of

athletes because it works using a non-invasive device and herbal products that have no pharmacological effect.



No anti-inflammatory injections and physical therapy

Regenex Treatment with **Pain Buster Herbal Spray**® and **Pain Buster Herbal Gel**® effectively treats pain, and with **Regenex Herbal Spray**® and **Regenex Herbal Gel**® accelerates the regeneration and recovery of damaged tissues if applied immediately after injury, and saves an athlete from the discomfort and frustration which arise from the **use of needles** and more efficiently leads to the desired outcome.



EXPERIENCES OF OUR USERS

Please take a look at video interviews with our users which are professional athletes involved in football, kayaking, basketball and Judo see for yourself the effectiveness of our treatment.

Please click on the icon that will redirect you to our YouTube channel,



For the English subtitle please click on the gear icon  in the bottom right corner of the video.



CREATOR OF REGENEX TREATMENT

Aleksandar Pavlov

Regenex Treatment was created when I, at the age of 43, started preparations for the EU competition. I trained 11 times a week. I achieved top sports results, by **winning gold medals at European Championship twice, in 2009 and 2012, in Lisbon, and also gold and bronze medal in the Balkan Championship.**

During preparations and competitions in Brazilian Jiu Jitsu, there were many injuries which reduced my competitive abilities of me, and, of course, other colleagues from the national team.

There was no effective remedy which could reduce those injuries, swellings, and pain sufficiently and fast enough and also fasten the recovery from the hard training and competitions.

During different visits in Europe, I saw the therapies of the European and US athletes, which were based on analgesics, injections, pills and creams against pain, ultrasonic massages and shock waves. However, none of those therapies was effective and fast enough as should be for the best athletes. Then, it occurred to me to make the device and herbal products for faster recovery and effective removal of fatigue, acute and chronic pain and sports injuries used within **Regenex Treatment.**

In the depths of my being I am a fighter and athlete, but, above all, primarily, a scientist. I studied science and spent my life admiring the world of nature and its many wonders. With my knowledge based on natural sciences, I met many scientists, who struck the foundations of herbal products and device, and those are three Russian academics, two in the field of physics and one in the field of electrochemistry, who specifically contributed to the precision and successfulness of the method.

In addition, I am a man of many ideas, including the integration of ultrasonic cavitation field with plasma. In my long career, I was involved in the production and application of biofuels, as well as the use of high-frequency currents, ultrasound, and plasma chemistry and physics.

PROJECT PARTICIPANTS

In this project were also involved many scientists from different fields, especially medical sciences:

- Prof dr Kuraica Milorad, Professor at Faculty of Physics University of Belgrade
- Jelena Bojovic Nedeljkovski, MSc in Physical Chemistry
- Prof dr Manic Nebojsa, Faculty of Mechanical Engineering, University of Belgrade
- Popović Slavko, Electrical engineer
- Dr. Vukin Marina, Research associate at the Faculty of Forestry, University of Belgrade
- Ph.D., Professor Predrag Stepanovic, Ph.D. of Veterinary Science - Cardiologist - Faculty of Veterinary Medicine University of Belgrade
- Dr. Nenad Andric, Ph.D. of Veterinary Science – Neurologist - Faculty of Veterinary Medicine University of Belgrade
- Jovanka Bubnjevic Pavlov, Food Technologist
- Ph.D., Professor **Великодный Василий Юрьевич**, Physics Moscow
- Ph.D., Professor Alfred L. Mosse, National Academy of Sciences of Belarus, Minsk, Belarus
- Ph.D., Professor Anatoly Tomilov, Electrochemistry, Moscow
- Jovan Zerjal, coach of Brazilian Jiu Jitsu
- Dr. Vuk Aleksic, Neurosurgeon
- Dr. Gordana Radmanovic, Neurologist
- Dr. Snezana Filipovic, Pulmonologist, Clinical Center
- Kastratovic Miodrag, Sports dance coach
- Dr. Tatjana Lutovac, Pulmonologist-oncologist, Clinical Center
- Dr. Branka Bojovic, Gynecologist
- Ph.D., Professor Obrad Zelic, Professor of paradontology and oral medicine
- Ph.D., Professor Branislav Milovanovic, Cardiologist
- Svetlana Jeftic - Nurse and class teacher
- Ph.D., Professor Goran Jovanovic, Chemical engineering, Oregon University of Corvallis
- Dr. Miodrag Prokic, MPI Ultrasonics - sonic and ultrasonic processing technology
- Sonja Krivokapic, Physiotherapist
- Lucija Bajkusa, Senior physiotherapist
- Dr. Aleksandar Nikolic, Faculty of Chemistry, Belgrade
- Coaches and athletes of many sports clubs



CONTACT

If you are interested in the **REGENEX TREATMENT**,
or you want to know more information, please visit our website:

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