

شرکتی فن آور و در لبه دانش

LAZAR
LASER TECHNOLOGY COMPANY

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لیزر آفریتان زیست آرمان

تولید کننده لیزرهای:

مغز و اعصاب

قلبی و عروقی

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Distinctive features of Laser Afarinan Zist Arman Company

Introduction of Laser Afarinan Zist Arman Company

Lazar Laser Afarinan Zist Arman Company was established in 2017 by Albert Lazar, a pragmatic specialist and innovator in the field of laser and biophotonics. The vision of this company is the global development of biophotonics knowledge to turn Iran into a global center for the design and production of advanced lasers used in medicine, dentistry, physiotherapy, veterinary medicine, and agriculture. This company specializes in various areas including Laser, Electromagnetism, Electronics, veterinary medicine, cellular-molecular physiology and biology, and MBA. Experienced experts in production, assembly, quality control, repair and service of advanced devices closely collaborate in this company. At present, the company has 20 members, all of whom are shareholders of the company. In 2018, Laser Afarinan Zist Arman Company was successful in obtaining a knowledge-based degree from the scientific vice president for dental laser devices. In the field of lasers, this company has designed and manufactured prototypes of devices in the field of medicine (infertility, eye, heart, brain and nerves, diabetes, acupuncture), dentistry, veterinary medicine, agriculture, and sports medicine based on biophotonics. Also, for the first time in the world, the biophotonic ophthalmic and intraocular nanosurgery devices were made by this company for the treatment of incurable diseases of the retina and eye. They have been used for a large number of patients under the supervision of specialist doctors, leading to astonishing results.

Lazar Company was founded based on the scientific hypothesis of experiments, research and development in the field of biological lasers, biophotonics, and post-biophotonics. Therefore, one of its missions is to penetrate the boundaries of knowledge by combining biological perception with electromagnetic rays, especially lasers. Additionally, the company aims to provide practical solutions for numerous problems in the medical, veterinary, food production, and environmental sectors, both at the national and international levels.

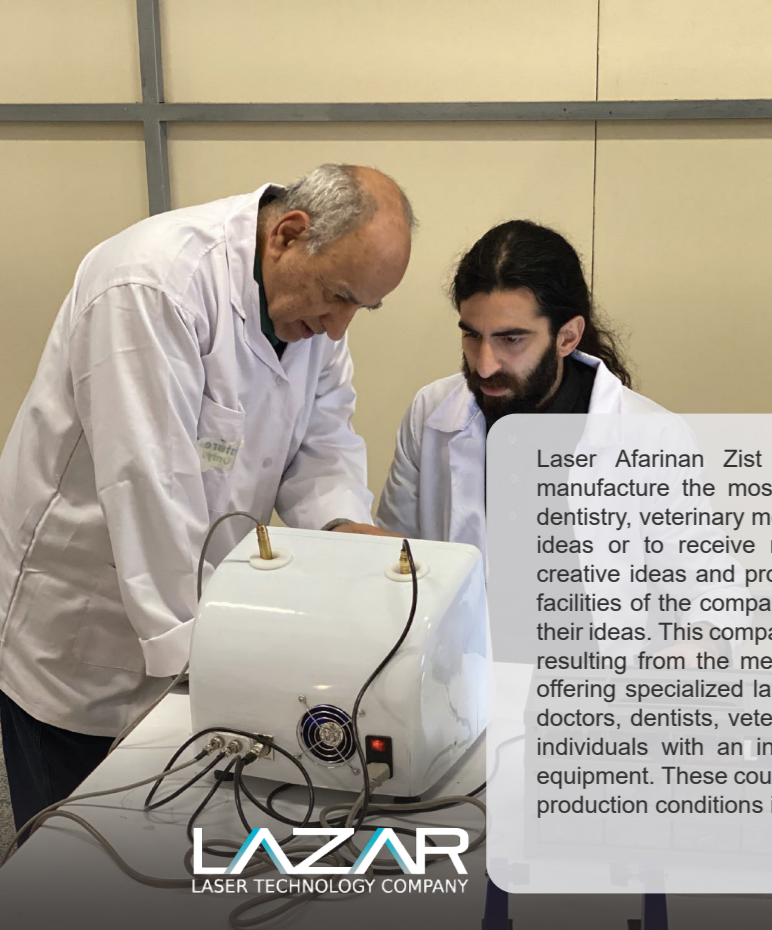
The presentation of a new and revolutionary approach in the field of radiation behavior in biological environments by the founder of the company, Albert Lazar, which is the basis of the modern knowledge of biophotonics with a biological and post-biophotonic systematic approach, has directed the attention of many thoughtful people towards this company in the way that the company is currently cooperating with a network of professors, students and interested researchers inside and outside the country in the field of medicine and the treatment of incurable diseases in humans, livestock and poultry to increase the efficiency of converting food into meat and producing vaccines. This has laid the foundation for proposing the establishment of the Biophotonics Medical Engineering Research Center, which we hope to see established in the near future.

This company has conducted extensive research on various animal species such as dogs, rabbits, horses, sheep and poultry in the fields of growth, physical damage to the eyes, brain, nerves, infertility, and infectious diseases. The results of this research have reached the user stage through the design and production of devices based on biophotonics.

Albert Lazar

Pragmatic expert and innovator in the field of Laser and Biophotonics





Capabilities and Facilities

Lazar Afarinan Zist Arman Company has the ability to design and manufacture the most innovative laser devices in the fields of medicine, dentistry, veterinary medicine and agriculture based on its own technological ideas or to receive manufacturing orders. Also, this company supports creative ideas and projects. Students and the owners of ideas can use the facilities of the company's workshop to work on their thesis or to implement their ideas. This company will support the marketing and sales of the products resulting from the mentioned ideas. Moreover, the company is capable of offering specialized laser training courses to engineers, medical engineers, doctors, dentists, veterinarians, genetics and agriculture experts, as well as individuals with an interest in the use of lasers in biophotonics medical equipment. These courses focus on the treatment of diseases and enhancing production conditions in agriculture.



8. Psychiatry device

The Lazar laser device has demonstrated promising results in the treatment of mental patients suffering from neurodevelopmental disorders, anxiety disorders, depression disorders, trauma, physical disorders, and nutritional and digestive disorders.

9. Heart laser device

The heart laser device is designed to investigate the effectiveness of biophotonics treatments on the restoration of rat sclerosis heart tissue.



10. Diabetes device

The Lazar laser device has been shown to have a positive effect on diabetic patients and wound healing.

11. Physiotherapy device

The prototype of the laser physiotherapy device made by Lazar Company has a significant impact on the fields and diseases that conventional physiotherapy treatments may be unable or limited to respond to.

Products

The production of unique laser devices in the field of low-power lasers, such as physiotherapy, skin and beauty, dental, as well as biophotonics devices for therapeutic purposes in humans, livestock, poultry, aquatic and agriculture, is in the company's work plan. In this regard, a dental laser device, an eye biophotonics device, as well as hydroderm and microderm devices (both for skin purposes) were produced. A prototype of dental laser device has been made and is ready to be submitted to the General Department of Medical Equipment to obtain the necessary licenses. Additionally, the company is currently working on the production of biophotonics devices, which will be a significant achievement in terms of technical knowledge and device production, as they are completely new and unparalleled in the world.

Since all devices produced by Laser Afarinan Zist Arman Company have successfully passed their testing and effectiveness stages, this company has the necessary capabilities to accept risk-free investments in the field of laser and biophotonics-related products. In this regard, the company actively engages in communication with numerous universities specializing in medicine, dentistry, veterinary sciences, and agriculture.

1. Sports medicine device

The sports medicine device is designed for athletes with two objectives: 1. to promote the health and improve the performance of athletes 2. to accelerate healing of sports-related injuries.

2. Horse laser device

1. Enhancing the record-keeping of racehorses, 2. Increasing the value of horses, 3. Improving the breeding and genetics of horses, 4. Promoting the growth of foals, and 5. Treating injuries in horses.

3. Acupuncture device

The acupuncture device provides an alternative method of acupuncture treatment by replacing traditional needles with a Lazar laser. The device utilizes a laser with a small divergence at the tip, which can be used in place of a needle for acupuncture.

4. Veterinary device

The veterinary device is designed to treat a wide range of skin, bone, nerve, and digestive diseases in reptiles, ornamental fish, rodents, large birds, and small livestock weighing up to 80 kg.

5. Eye Laser device

The eye nanosurgery laser device is specifically designed for the treatment of retinal diseases, glaucoma, keratoconus, and other eye-related conditions.

6. Dental laser device

The dental laser device has two applications: 1. The treatment of dental pockets and 2. The repairment of damaged jaw and facial nerves.

The dental laser device of Lazar Company helps doctors to heal the injuries of infections and surgeries.

7. Brain and nerve device

The prototype of Lazar laser brain device has successfully destroyed the damaged cerebrospinal tissue, repaired it and also regulated the cerebrospinal immune system.

Experimentally treated samples

Sheep | Repairing the torn skin of a sheep and regrowth of wool follicles on it through the management of stem cells of the sheep body by using Lazar Biophotonics laser.



Dog's eye | treatment of corneal tear in a dog's eye. This eye had to undergo eye drainage for treatment. It was treated by Lazar Biophotonics laser.



Chicken | treatment of Newcastle disease, an incurable neurological disease in chickens, and the return of sick chickens to their normal lives by using Lazar Biophotonics laser.



Some activities of Lazar Company

- Presentation of scientific lectures regarding the treatment of incurable diseases in Shohadaye Tajrish Hospital
- Presentation of a scientific lecture at the Islamic Azad University of Karaj regarding the effect of biophotons on the biology of animals and humans
- The joint cooperation program between the company and Shahid Rajaei Cardiovascular Research Institute of Alborz to investigate the effect of biophotons on the restoration of fibrosis heart tissue.
- Signing the cooperation agreement between Lazar Company and Middle East Gene and Cell Therapy Company in 2020
- Participation in the Third International Laser and Photonics Exhibition in 2019 in Tehran
- Participation in the Eighth International INOTEX Exhibition in 2019 - Tehran
- Participation in the INOTEX Exhibition in 2019 and 2022 - Tehran
- Participation in the Scientific and Technological Tasoraya Exhibition in 2022 - Alborz
- Participation in the Exhibition of Capabilities and Achievements of Academic Center of Jihad in 2021
- Participation in the Khwarizmi Youth Award in 2018
- Participation in the Basij Science and Technology Jihadist Award in 2020

