

Medical Equipment Developing Group

Fanavaran Sepidjamegan Co.

Designing and manufacturing of more than 80 devices in the field of medical equipment

128 Registered patents





About Us

Fanavaran Sepidjamegan is a knowledge based company funded by a group of elites in 2015.

The company is honored by the presence of a group of scientific experts and academic specialists, highly skilled industry and applying latest methods and application

We are an international supplier of medical equipment and medical supplies for physician-based offices, medical spas and skin care centers. We offer a wide range of equipment for all your medical needs.

The company has partnered with international institutes and corporations, including the Cell Surgical Network®, the Dutch Stem Cell Center and Medikan international Inc.



Moeid Dehghanpour Farashah (CEO)







Cell Therapy options

Autologous and Allogeneic Fibroblast Injection

1- Skin Rejuvenation and Scars Management

Melanocyte-Keratinocyte Transplantation

- 1- Vitiligo Treatment
- 2- Wound / Diabetic Foot Ulcers / Burn Scars Treatments

Autologous Stromal Vascular Fraction (SVF)

1- Improvement of the appearance of nasolabial folds, cheek, buccal area, and under the eyes

- 2- Treatment of atrophic scars
- 3- Breast reconstruction after mastectomy
- 4- Wound Healing
- 5- Osteoarthritis (OA) Treatment





Cell Therapy options

- Mesenchymal Stem Cells Transplantation
- 1- Osteoarthritis (OA) Treatment (Grade 2/3)
- 2- Crohn's Disease
- 3- Anal Fistula
- 4- Rheumatoid Arthritis (RA):
- 5- Cerebral palsy (CP)

- Autologous Spermatogonial Stem Cells + Sertoli Cells Transplantation
- 1- Non-Obstructive Azoospermia (NOA)



Cell culture's medium

Sperm Processing (Buffers & Media)

Sperm Washing Medium SpermPrep Medium SpermGrad (40%) SpermGrad (80%) Insemination Kit Poly Vinyl Pyrrolidone (PVP) SpermMotile Medium / SpermGrad (100%)

Oocyte Handling (Buffers & Media)

Oocyte Flushing Medium Oocyte Washing Medium (with/whitout HEPES) Oocyte Washing Medium with Gentamicin and HEPES Hyaluronidase in HEPES



Cell culture's medium

• IVF Culture Media

IVF Basic medium IVF Cult Medium IVF Cult Medium with Gentamicin IVF Cult Medium with Gentamicin and Phenol red Mineral Oil

Miscellaneous IVF-related Solutions
 Human Tubal Fluid (with HEPES)
 Human Tubal Fluid (without HEPES)
 GMP-grade Hams' F10 Medium (with HEPES)
 GMP-grade Hams' F10 Medium (without HEPES)
 GMP-grade PBS
 GMP-grade Ultra-Pure Water (UPW)



Mesenchymal stem cell's secretome (conditioned medium): Known as a new paradigm towards cell-free therapeutic mode in regenerative medicine. StemSera has various useful growth factors that can stimulate skin rejuvenation by increasing growth and ECM production of Human Dermal Fibroblasts.

StemSera

This conditioned medium is highly effective for alopecia and represent a new therapy for hair regeneration.

It also been used by intra-articular injection for Osteoarthritis improvement

In gynecology, is used as a stimulator and angiogenic factor to improve orgasm



HGP (Hair Graft Preservative Solution) is an optimized preservation solution that enables improved and extended preservation of hair grafts *ex-vivo* during hair restoration process. It is uniquely formulated to address the biological response of hair follicles during the transplant process. HGP includes key ions at concentrations that balance the intracellular state at room temperature or for whom preferably working on ice.

Additional components include ATP as the energy substrates, pH buffers, free radical scavengers, vitamin C, vitamin B family and osmotic stabilizers.





Medical devices



SUPER FUE (Hair Transplantation Unit)

The first unit specified for hair transplantation that provides all the equipment needed to perform the hair transplant procedures. This unit with many capabilities, in addition to comfort and convenience, increases the speed and accuracy of the surgeon during the hair transplant procedures. One of the capabilities of this unit is the special handpieces for hair transplantation, which reduces the side costs and increases the efficiency and quality of the hair transplantation process. On the other hand, with its special and unique design, it brings comfort and entertainment to the patient during procedures.

- Dedicated Handpieces
- 1) Pneumatic Air Motor handpiece for grafts harvesting
- 2) Automatic SP handpiece to create micro-gaps in equal size
- 3) Implant handpieces for hair and eyebrows implantation
- 4) Waterjet handpiece to keep hair grafts moist
- equipped with:
- Dedicated pneumatic handpieces
- LCD display for patient entertainment
- Hair transplant bed with massage mattress
- Ice Plate for keeping hair grafts in specified HGP solution DBD-Plasma device to help repair and disinfect the implant site
- Loop equipped with LED light to enlarge the doctor's viewing angle





SUPER FUE+

SUPER FUE unit equipped with more devices such as:

+ Ultrasonic device for accurate and effective washing of equipment

+ Evacuator device to eliminate odors and suspended particles

+ Negative ion generator to increase ambient air quality

+ Ozone water generator for disinfection process

+ Cool Box device to keep consumables cool

+ Exclusive design





Exclusive design







Artemisia

Artemisia is a device that uses RF technology for therapeutic purposes. RF stands for radio frequency waves, which have many uses in the medical applications. This device generates high frequency radio waves and passes them through the body tissues. This produces a depth of 38 to 44 ° C in the target tissue. The heat generated breaks down fat cells and facilitates the local slimming process. On the other hand, by stimulating superficial cells such as skin and vaginal epithelium, it increases the secretion of collagen and elastin, which is very effective in rejuvenation.





PRP Kit

Platelet-rich plasma (PRP) therapy is an injection that is becoming increasingly popular. In this method, the patient's platelet-rich plasma is injected for various therapeutic indications, which helps in his recovery and treatment. Growth factors in PRP are factors that have many therapeutic effects. The PRP kit allows the doctor to process PRP under completely sterile and very comfortable conditions. This kit can be presented to the respected various field of medicine (orthopedics and rheumatology / skin, hair and beauty / obstetrics / dentistry).

Advantages:

- All the necessary equipment for PRP processing.
- Use of anticoagulants with clinical grade (ACD-A)
- Closed PRP processing under completely sterile conditions
- Usable in different volumes for different therapeutic indications
- Easy processing with all types of centrifuges (containing different PRP processing protocols)





Manual fat injection set

This set provides all the parts and components needed to perform the fat injection process from the Tumescent injection stage to washing and then re-injecting the fat in the desired area. All parts of this set have autoclave capability and significantly reduce side costs.

- Components:
- 2 mm Serum injection cannula (Tomicent)
- 3 mm Fat Harvesting Cannula
- Canola fat injection (gauge 16-18-19)
- 20 cc syringe stopper
- 4 syringe caps
- Surgical dish
- luer lock Syringe to syringe connector syringe holder
- Advantages:

Provide all the necessary components in the fat injection process Cannulas with suitable sizes to perform the process Equipped with syringe stopper for doctor's convenience Autoclave capability and reduce side costs



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Carboxy-therapy Unit

Carboxy-therapy is rapidly becoming known globally as the leading skin rejuvenation treatment. It is a safe, minimally invasive clinically proven method to rejuvenate, restore, and recondition the skin and treat wrinkles, laxity, cellulite and stretch marks. Therapy involves injecting tiny amounts of Carbon dioxide (CO2) beneath the skin to break down fatty deposits and stimulate collagen production. Benefits:

- \succ To remove darkness under eyes
- Improves venous insufficiency and varicose veins and spider veins
- Diminishes cellulite and resistant fat deposits
- Rejuvenation of skin and genital area
- ➢ Fat sculpting
- ➢ Increases collagen
- Fades stretch marks
- ➤ Tightens loose skin
- Improve erectile function





Clinical Application

PARSIAN BEUATY PARSIAN BEUATY For Accommode +9891200 For Appointment by dr sadr +12404891675

درمان جوش و جای جوش با کربوکسی تراپی



Acne scars treatment by carboxy therapy – result after 3 session





Acne scars treatment by carboxy therapy – result after 7 session

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Hair loss treatment by carboxy therapy – result after 6 month Lifa Beauty Clinic – Dr. Hedayati

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Hair loss treatment by carboxy therapy – result after 6 month Lifa Beauty Clinic – Dr. Hedayati

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carboxy therapy in eye area – result after 5 session Lifa Beauty Clinic – Dr. Hedayati





double chin shrinking by carboxy therapy - result 3 month later

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Carboxy therapy for cellulite and stretch marks – result after 2 month Lifa Beauty Clinic – Dr. Forouzesh

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Carboxy therapy for cellulite and stretch marks – result after 2 month Lifa Beauty Clinic – Dr. Forouzesh

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Carboxy therapy for cellulite and stretch marks – result after 3 month Lifa Beauty Clinic – Dr. Forouzesh

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Ozone Therapy Unit



Ozone therapy has been found to be useful in several ways in medicine. When it was first used more than 150 years ago, it was to disinfect and treat diseases.

Ozone Therap

Benefits:

- ➢ Inactivating bacteria, viruses, fungi, parasites, yeast, and protozoa
- Stimulating the immune system to speed up healing
- ➢ Improving circulation by cleaning the arteries and veins
- Purifying blood and the lymph
- Normalizing hormone and enzyme production
- ➢ Having anti-inflammatory properties
- Reducing pain
- Stopping bleeding
- Preventing shock
- Limiting stroke damage
- ▶ Reducing cardiac arrhythmia or abnormal heart rhythm
- Reducing the risk of complications from diabetes
- Improving brain function and memory



OZONE EN GANGRENE







First day



In 22 days



In 60 days









Wound healing by ozone oil treatment

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Clinical Application



Psoriasis treatment by ozone therapy – result after 7 session Lifa Beauty Clinic – Dr. Ghorbankhani

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Psoriasis treatment by ozone therapy – result after 7 session Lifa Beauty Clinic – Dr. Ghorbankhani







Psoriasis treatment by ozone therapy – result after 3 session Lifa Beauty Clinic – Dr. Ghorbankhani

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Ozone Health SPA



We find this one of the most practical and easily-accessible natural health systems. In 30 minutes, you can destress, gently detox, stimulate your adrenal system, rejuvenate your skin, stimulate every cell in your body, and generally come out feeling refreshed and revitalised.

Benefits:

- Decreases Blood Pressure
- Reduces Pain, Muscle Contracture
- > Enhances Sense of Well-Being (Sedation Effects on CNS) and boosts Energy Levels
- Improves Sleep Patterns
- Burns up to 800 calories per session, helping weight loss
- Improves Digestion and Elimination Processes
- Restores Smoothness and Elasticity of Skin
- Enhances Athletic Performance, Speeds Recovery and boosts Energy Levels
- > Full body detoxification and Cleans Veins and Arteries
- Superior Blood and Oxygen Delivery
- Provokes Healing Responses
- Supercharges Immune System
- Kills Viruses, Bacteria, Parasites
- Improves Mental Clarity



Ozone Sauna



Ozone Sauna is a supportive therapy for illnesses like asthma, diabetes or cancer during treatment through the strengthening of the immune system. It also increases energy, decreases stress levels, detoxifies, clears the skin and helps with weight loss.

Benefits:

- > Accelerates blood flow in our skin and helps renewal of skin cells. It also makes the skin look firmer and smoother.
- > Oxidizes the lactic acid stored inside the muscles and helps to relax and increases flexibility
- > Has positive effects on depression and anxiety disorders. Oxidizes adrenaline and promotes calmness.
- Increases the resistance to infection and illnesses due to the effects on the immune system
- Increases blood flow to cells and tissues
- Strengthens the immune system
- Clears blood vessels
- Clears the lymphatic and cardiovascular system
- Allows your skin to work as a third kidney or a lung.
- Treats joint pain and muscular diseases
- Balances hormone and enzyme production
- Provides clearer, softer, and younger-looking skin
- Strengthens memory and brain function
- Helps eliminate the stress caused by depression

ED-DBD Plasma Generator



The system uses the dielectric barrier method, which is a form of gas discharge by placing the barrier in the discharge region and produces cold plasma.

Benefits:

- Wound healing
- Kills Viruses, Bacteria, Parasites
- > Eyelid Tightening, including lower eyelids and excess upper eyelid skin.
- Tooth bleaching
- Cancer therapy
- Surface sterilization
- Skin imperfections, including skin tags and sunspots.
- Tightening loose stomach skin after pregnancy.
- Improvement in the appearance of acne scars
- Diminishing Stretch marks.
- Lines and wrinkles around the mouth.
- ➢ Ear area
- ➤ Crows feet




Acne scars treatment by plasma therapy Lifa Beauty Clinic – Dr. Chenari







Wrinkle treatment by plasma therapy Lifa Beauty Clinic – Dr. Chenari

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Clinical Application



Plasma therapy in eye area Lifa Beauti Clinic – Dr. Forouzesh

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درمان افتادگی پلک با پلاسما



Ptosis treatment by plasma therapy Lifa Beauty Clinic – Dr. Forouzesh

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Ptosis treatment by plasma therapy Lifa Beauty Clinic – Dr. Forouzesh

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Atrophic scar treatment by plasma therapy Lifa Beauty Clinic – Dr. Chenari

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Microneedling and Micropigmentation System

Microper

Microneedling, or collagen induction therapy, uses a tool made up tiny needles that cause controlled micro-injuries in the skin to stimulate the body's natural wound healing process. These micro-injuries kick start the body to release natural chemicals that lead to the production of collagen and elastin and result in remarkable transformations.

Micropigmentation Sometimes called a "hair tattoo", uses tiny ink impressions placed on the scalp to create the look of a full, robust hairline cut very closely. It's the perfect solution for balding, concealing scars and alopecia, and densifying thin hair.

Bio-Filler Maker



The Bio-Filler Maker is a quick and reliable device to turn Platelet-Poor Plasma (PPP) into Plasma Bio-Filler Gel. It produces quality Bio-Filler that can be injected on the face, neck, breasts and butt to correct lack of volume, wrinkles, deep folds, unaesthetic lines, and unusual thinness. Injecting this is safe as there's no question of rejection since it's derived from patient's own blood (autologous). It can be used with PRP or PRF.

Bio-Filler

Benefits:

- ≻ Lift small and deep Wrinkles
- Lift large areas of facial skin
- Promote cellular regeneration
- Increase Collagen production
- Treating Striae distensae
- Prevent loss of cellular structure
- Does not cause any allergic reaction
- > Dissolves smoothly over the time and does not creates lumps.





Lip augmentation by biofiller injection Lifa Beauty Clinic – Dr. Forouzesh

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Buttock augmentation by biofiller injection Lifa Beauty Clinic – Dr. Forouzesh

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Clinical Application



Full face biofiller injection Lifa Beauty Clinic – Dr. Forouzesh

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Full face biofiller injection Lifa Beauty Clinic – Dr. Forouzesh

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Full face biofiller injection Lifa Beauty Clinic – Dr. Forouzesh

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RECELL

The RECELL System, is a device that enables healthcare professionals to produce a suspension of Spray-On Skin Cells using a small sample of the patient's own skin. This suspension contains the cells necessary to regenerate the outer layer of natural, healthy skin and is prepared and applied at the point-of-care in as little as 30 minutes.

RECELL provides a cellular suspension of three phenotypes: keratinocytes, fibroblasts and melanocytes.

Treatment applications:

- Treating skin burns
- Repairing scars
- ➢ Vitiligo





Clinical Application



Vitiligo treatment by Recell therapy

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Vitiligo treatment by Recell therapy

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BEFORE TREATMENT



B WEEKS POST TREATMENT

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Vitiligo treatment by Recell therapy



recell* in Burns – Pediatric Scald



treatment of burn scars by Recell therapy

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How ReCell[®] can Deliver Superior Outcomes



Treatment Day 7 Day 12 Day 21 3 months Day

treatment of burn scars by Recell therapy

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Mecha-Cell

Mecha-Cell is a method in which the epidermis (upper layer of the skin), which contains melanocyte or pigment cells, is separated from a part of the body (healthy area) by the process of suction and blistering from the underlying layers of the skin and injected to a point of vitiligo or The scar as a suspension. In this method, no enzyme is used to provide the cells and the whole process is performed without the intervention of an external agent.

Advantages:

- Safe
- Low costs
- Faster pigmentation than other methods
- Better shape of skin texture than other methods
- No need to hospitalize the patient
- No need for enzymes to processing cells
- Successful results in most cases



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NanoFat Kit

Nanofat is emulsified (liquified) and filtered fat. The fat cells have been crushed and filtered out and what remains is a liquid that contains a high concentration of stem cells. This treatment include growth factors and regenerative cells from the patient that are injected into areas of injury or degeneration. The goal is to stimulate the body's natural ability to heal damaged areas.

Benefits in Orthopedics and Rheumatology:

- Cartilage damage (chondromalcia) or an osteochondral defect in any joint
- > Osteoarthritis of the knee, shoulder, elbow, hip, or ankle
- Partial and Small complete rotator cuff tears
- ➢ Hip and shoulder labral injuries
- ➤ Tennis elbow
- ➤ Tendonitis
- Plantar fasciitis



NanoFat Kit



Benefits in Dermatology and Plastic Surgery:

- > Repairing Fine lines, Wrinkles, Dark circles around the eyes
- > Repairing burn scars, surgery scars and atrophic scars.
- Skin rejuvenation (Face, Hands, Neck, Décolletage)
- Promotes regeneration
- Boost collagen production
- Treating Striae distensae
- Treating Alopecia and hair loss

Benefits in Gynecology:

Genital rejuvenation



- Increase vascularisation, neocollagenesis, nerve and tissue regeneration
- Restoration of normal pH, normal pelvic floor, secretions, improvement mucosa elasticity, improvement of urinary incontinence, improvement of labia majora trophicity





Dermal injection of 10 cc NanoFat for wound healing

Cemal Alper Kemaloğlu, 2016, Nanofat grafting under a split.thickness skin graft for problematic wound management

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Dermal injection of Nanofat to treat atrophic scars Zichun Gu et al., 2017, Use of Condensed Nanofat Combined With Fat Grafts to Treat Atrophic Scars

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Dermal injection of Nanofat to treat burn scars – result 6 month later Saadia Nosheen Jan, et al., 2018, Unfiltered Nanofat Injections Rejuvenate Postburn Scars of Face

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Subdermal injection of 12 cc NanoFat to sun burn skin of decollete area – results 3 month later Patrick Tonnard, et al. Nanofat Grafting: Basic Research and Clinical Application



Treatment of atrophic scar by NanoFat injection – result 12 month later Zichun Gu et al., 2017, Use of Condensed Nanofat Combined With Fat Grafts to Treat Atrophic Scars



Injection of 2cc NanoFat to eye area and 4cc NanoFat to lips area – results after 7 month Patrick Tonnard, et al. Nanofat Grafting: Basic Research and Clinical Application





Dermal injection of 3cc NanoFat to eye area – results after 6 month Lifa Beauty Clinic – Dr. Forouzesh

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Dermal and subdermal injection of 20cc NanoFat to neck area – results 6 month later Hong-Sen Bi et al., 2018, Basic and Clinical Evidence of an Alternative Method to Produce Vivo Nanofat





Dermal injection of 30cc NanoFat to hand area – results after 4 month Lifa Beauty Clinic – Dr. Saeedzadeh

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Dermal injection of 30cc NanoFat to hand area – results after 3 month Lifa Beauty Clinic – Dr. Saeedzadeh

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Treatment of pressure ulcers by ozone wound disinfection and NanoFat injection Lifa Beauty Clinic – Dr. Forouzesh

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Treatment of pressure ulcers by ozone wound disinfection and NanoFat injection Lifa Beauty Clinic – Dr. Forouzesh

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Treatment of pressure ulcers by ozone wound disinfection and NanoFat injection Lifa Beauty Clinic – Dr. Forouzesh

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Derma Intra Planing

Derma Intra Planing is a cosmetic device that removes the top layers of skin. The procedure aims to remove fine wrinkles and deep acne scarring, as well as make the skin's surface look smooth.

Derma Intra planing aims to make skin's surface smooth, youthful, and radiant.

It's also used to remove "peach fuzz," the short, soft hairs











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Ozone Sanitation Tunnel

The latest technology in the world in the field of sanitizing people is sanitation tunnels using fog of ozonated water, which is being used in many developed countries. This method performs the disinfection process with a much higher power than other disinfectants (It is 4 times stronger than alcohol and 25 times stronger than chlorine) and eliminates existing microorganisms, including viruses, bacteria, etc. Furthermore, this method has no additional cost of supplying raw materials and also has no side effects unlike other disinfectants.

Advantages

- Custom design according to the entry of different centers
- No side effects unlike other disinfectants
- No need for additional costs and chemical raw materials
- Eliminates existing microorganisms (viruses, bacteria, fungi, etc.)
- Can be used in the entry of all public centers such as clinics, offices, organizations, shopping centers, restaurants, hotels, etc.
- The only company that produces clinical grade ozone generators with effective disinfection capability, observing the relevant standards and approved by Iran's Ministry of Health and Medical Education.





UVC Sterilizer Box

the latest technology in the world for the rapid disinfection of all personal items. Personal items such as mobile phone, keys, wallets, credit cards, etc. are among the most polluted objects around us, which cannot be easily and carefully disinfected. On the other hand, the use of chemical disinfectants increases the possibility of damage to these devices.

With the help of UV waves, the UVC sterilizer box eliminates all microorganisms (viruses, bacteria, fungi, etc.). With a very high capacity, this device has the ability to disinfect the surface of personal items and does not cause any side effects to people and their personal items.

E NoCOVID multioxidant disinfection system

Today, with the spread of disinfection culture and the fight against pathogens, the use of disinfectants has increased widely. Multioxidant disinfection system is a practical, optimal and easy-to-use system that uses the salt electrolysis to produce a disinfectant solution consisting of very strong oxidants such as hypochlorous acid, sodium hypochlorite, ozone, hydrogen peroxide, oxygen and etc. This system has a very high power in eliminating various pathogens (viruses, bacteria, fungi, etc.) due to the production of a combination of different oxidants.

Advantages

- Very easy to use
- Reduce the side effects of chemical disinfectants
- Ability to design in different dimensions and capacities
- Elimination of various pathogens (virus, bacteria, fungi, etc.)
- Production of a combination of different oxidants with very high power
- Cheap raw materials and thus reduce the cost of production and consumption of disinfectants





CPM System



- Continuous passive motion (CPM) system is used during the first phase of rehabilitation following a soft tissue surgical procedure or trauma.
- \succ The goals of this rehabilitation system are:
- control post-operative pain
- Automatically provide passive motion in a specific plane of movement
- reduce inflammation
- protect the healing repair or tissue.
- Programmable exercise



MACS (Magnetic-Activated Cell Sorting)

The MACS system allows cells to be separated by using magnetic nanoparticles coated with antibodies against a particular surface antigen.

This system is Gentlest way to target cells, compatible with any downstream application

- Ability to isolate a particular group of cells from a heterogeneous cell population
- Capability of highly specific isolation by ligandreceptor or antigen-antibody method
- Ability to use columns in different sizes (increase process speed)
- Adjustable Magnetic Field Power (Variable Magnetic Field)
- Ability to separate very small amounts of the sample (very high accuracy)





Cell Desk

This technology provides a platform for physicians and cell researchers to be able to perform cell expansion processes, tissue engineering, etc. in a suitable environment. This compartment includes a hood, incubator, centrifuge and other equipment needed for cellular laboratory. Due to the need to move towards cell therapy and the need to provide the necessary substrates for cellular processes, this device provides the required equipment at the lowest cost for cellular processes. This device is equipped with:

4000 rpm centrifuge where the centrifuge time and speed can always be adjusted according to the existing protocol

Shaker incubator that provides the optimal conditions for cell growth such as temperature, humidity and a good level of carbon dioxide.

Class 2 laminar hood able to absorb particles larger than 0.3 micrometers

Shaker Bein Marie

UV lamp sterilization system.

It has a HEPA filter that gives filtered air to the environment.

Automatic glass door

Has an electrical outlet inside the enclosure

Alarm to announce the end of the filters

Alarm to announce the end of UV lamp operation



Conditioned media Ultrafiltration System

This device has the ability to concentrate the content of growth factors in the condition media of stem cells several times.

The final product can be used for therapeutic purposes as well as the production of cosmetics with the ability to rejuvenate and improve skin quality.





3D Bio-Printer

The future of medical science depends on technologies related to Regenerative medicine. 3D Bio-printer is a new technology in tissue engineering that can be used for various therapeutic purposes. This device has the ability to make and print all kinds of artificial and biological tissues by two extruders. Tissue engineering specialists can use it to print different polymeric and non-polymeric materials in layers, as desired.

The head of this device consists of two extruders, one of which has a syringe used to print the scaffold with a polymer and the other that can print any type of hydrogel containing cell, collagen, gelatin, alginate, etc. The extruder uses standard 10cc syringes for ease of operation. Both extruders are equipped with temperature control system and instantaneous temperature display.





Milling (5-axis CNC)

The data is entered into the CAD system in the form of a G-CODE file to the hardware part, which is a 5-axis CNC with the ability to use 5 tools with an accuracy of 10 microns and a speed of 3000 mm per minute, and after machining operations to the cooking stage.





Chest Tube Inserter

In less than 20 seconds, the chest tube is inserted, using Archimedes' law, when the two jaws are inserted into the space between the chest, opened by rotation, and through a hole, the tube is placed in the chest.



Body 3D Scanner

A system with the ability to scan the whole body in three dimensions, equipped with data analysis software, simulation of beauty procedures and treatment of all body parts.

Accurate analysis of organ topology.

ability to scan organs separately and together.





Lipo Modelling

Tumescent Infusion Pump delivers high volumes of tumescent anesthesia, therefore maximizing patient comfort, and reducing physician infiltration time. Also it can be use for fat grafting in closed and sterile condition.

- The level handle shows flow direction for easy visual checks.
- It can be use for dye injection in Angiography and Radiography.
- It can be use for Liposuction and lipomodelling
- It can be use for any liquid infusion



Surgical Camera



Surgical Camera is high-definition camera systems that are used to recording video images during surgical procedures. This system is essential for documenting, training and telemedicine.

- Smart recording of surgical and practical procedures
- Two type: Fix Camera & Head Camera
- The battery is rechargeable with a USB cable and allows the camera to shoot two hours at a time.
- The camera is waterproof and no longer needs protection
- 4K video recording capability
- Timelapse video recording capability
- Compatible with Android, iOS and Windows







Cryo-Jet delivers high-performance cryogenically chilled air to super-cool (up to -30 centigrade) the skin and make a dramatic difference to the comfort level of treatments. It enables you to provide best-practice care to all patients, regardless of the procedure. Patients can relax under the constant delivery of chilled air during and after procedures.

Use in conjunction with:

- >Thermal procedures for skin tightening and rejuvenation
- Laser hair removal
- > IPL systems
- ➤ Vascular lasers
- Fractional resurfacing lasers
- > Q-Switched lasers
- ➤ Tattoo removal



Skin Type

Accurate detection of skin type to adjust the amount of energy in laser hair removal and other thermal procedures to reduce possible unwanted damages.

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Subcijector

New innovation for the treatment of acne scars, cellulite and skin rejuvenation. Can be use to injection of anesthetic, gel and fat.

3MED

Negative Ion Generator

can improve indoor air quality, improve energy levels and aid health in a very real way.

These naturally-occurring ions attach to harmful particles that arise from everything from smoke to allergens in order to neutralize them and eliminate them from your breathing space.





Plasma Sterilizer

Plasma Sterilizer System uses low-temperature, plasma technology to sterilize a wide range of instruments efficiently, effectively and safely, for users, patients & the environment.

With plasma sterilization, you get low thermal loads, no dangerous toxic agents are used, no follow-up treatments will be necessary and there won't be any formation of toxic products during sterilization, fast sterilization and etc., showing that the plasma sterilizer is a fast and safe way to Sterilize.





Centrifuge

A laboratory centrifuge is a motor-driven device used in laboratories for the purposes of separating the components of a liquids. Laboratory centrifuges are widely used in hospitals where they are used for extracting suspended material from a variety of medium.

It has a speed controller (Max to 4000 rpm)





Ampule Opener

Ampule Opener is easy-to-use, avoid the possibility of injury sometimes seen when ampoules are opened by hand.



Skin Vibrator



giving the facial muscle a right amount of stimulation in order to achieve a firming effect to improve the skin. It can also reduce wrinkles around eyes, lips, forehead and neck, instantly reshape the face contour to reveal your youthful look and energy.

- > promotes metabolism and activates skin cells, giving radiance and elasticity to the skin.
- Promotes Local anesthesia in injection site.

 \geq Reduce pain up to 94%.

Fume Eliminator



When there's surgical smoke in the room, the longterm effects can be unclear. What is clear is that many substances within smoke have been proven to be mutagenic and carcinogenic associated with a range of health issues. Becoming aware of the potential risks and taking precautions can help protect you and your team today and tomorrow

Our Fume Eliminator proven to capture and remove 99.5% of the bioaerosols formed at the incision site during open surgery and dental procedures.

Autoclave



The autoclaves (laboratory sterilizers) is developed for laboratory and medical sterilization applications, makes processes safer, easier, accurate, reproducible and validatable. It can be used in all laboratory and medical applications, even in demanding sterilization processes.





Beauty Booster

It is a product that prevent facial wrinkles formation and permanent surface pressure to the epidermis and dermis layers during sleep. This product is suitable for taking care of the repairing tissues and preventing the displacement of the injected fillers after cosmetic procedures in the head, neck, etc.



Contact Us:



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