

Revolutionary Electrotherapy



SCENARTM for Professionals

www.scenar.com.au

Self Controlled Energo Neuro Adaptive Regulator

- Ideal for
- Physiotherapists
 - Veterinarians
 - Nurses
 - Osteopaths
 - Rehabilitative Therapists
 - Sports Medicine Therapists
 - Massage Therapists



SCENAR™ Technology

Reflex Bio-feedback

SCENAR™ is the first electrotherapeutic device in the world working on the principle of **real time biological feedback** between the device and the body. Reading the permanent change of the skin impedance, SCENAR™ constantly modulates the form of its impulse.

As a result **each impulse is different in form from the previous one**, which prevents the development of accommodation to the action before the organism has generated enough neuropeptides, necessary for overcoming the pathological process and achieving the restoration of homeostasis.

Bipolar electro-impulses

SCENAR™ generates a **non-damaging and high-amplitude bipolar electro-impulse**, which resembles the body's physiological bio-currents.

Due to the **unique physical characteristics** of the SCENAR™ impulse, the excitation of the **thin peptidergic C-fibres is higher** in comparison with other methods of electrotherapy. In this way, without disturbance to cell function, a **maximal part of the nervous tissue is activated**, which is necessary for the achievement of optimal adaptation response from the patient's body.

Individually dosed influence

In SCENAR™ technology, the method of individually dosed influence is realized using as a main criteria the **lack of further dynamics** of the complex impedance of the skin.

SCENAR™ technology is based on the concept, that the **minimal dose**, necessary for achieving the desired effect, **is optimal**.



RITMSCENAR™ Professional devices



SCENAR™ is a non-invasive, bio-feedback medical modality that stimulates and helps to regulate the body's inherent self-healing resources.

SCENAR™ Technology was invented and developed by **RITM OKB ZAO**.

The **RITMSCENAR™ Professional series devices** are designed **for medical and health care practitioners** such as Physiotherapists, Vets, Chiropractors, Nurses, Osteopaths, Rehabilitative Therapists, Massage Therapists and Sports Medicine Therapists to complement their treatments or to provide specialist SCENAR™ therapy.

RITMSCENAR™ Professional devices are **micro-computers** with built-in electrodes that deliver complex electrical signals directly to the skin.

The SCENAR™ impulse waveforms and frequencies change automatically to prevent the body from adapting to the stimulation.

The **RITMSCENAR™ Professional series devices** measure the electrical activity of the body (skin impedance) and display the information on a LCD screen. This allows the practitioner to view current readings and choose the most appropriate mode of operation and zone of treatment.

The **RITMSCENAR™ Professional series devices** can be set up with various amplitude modulations depending on the stage of the complaint process, treatment area and the individual response of the body.

Five Damping modes are used according to the complaint phase, skin sensitivity and body response.

The practitioner can control and modify the complex electrical waveforms and frequencies of the SCENAR™ device such as impulse intensity, duration of gaps between impulses, power influence and other parameters of the device to achieve optimal treatment results.

Different Frequencies can be utilized for treating degenerative processes or for treating inflammatory processes.

RITMSCENAR™ Pro: the entry level Professional SCENAR™ device has a subjective, non-diagnostic mode (Diag 0), as well as an objective diagnostic mode – Diag1, enabling the practitioner to localize the most optimal treatment zone and time.

RITMSCENAR™ Expert device supports two more diagnostic modes: Diag 1 and Diag 2 and one Screening mode – Diag 3, plus a unique feature - BEE Mode, suitable for emergency situations. The Expert device with its robust casing design is also suitable for veterinarians or mobile practitioners treating in the field.

RITMSCENAR™ Pro Plus is the most multifunctional and advanced model and is designed for advanced users providing specialist SCENAR™ therapy.

Device Parameters



RITMSCENAR™ PRO PLUS

RITMSCENAR™ Expert

RITMSCENAR™ PRO

Diagnostic modes	Diag1, Diag2, Diag 3	Diag1, Diag2, Diag 3	Diag1
Dose indication	Sound and symbolic	Sound and symbolic	Sound and symbolic
Damping	4 constant modes, 1 variable mode	4 constant modes, 1 variable mode	4 constant modes, 1 variable mode
Amplitude modulation	1 : 1, 2 : 1, 3 : 1, 4 : 1, 5 : 1	1 : 1, 2 : 1, 3 : 1, 4 : 1, 5 : 1	1 : 1, 2 : 1, 3 : 1, 4 : 1, 5 : 1
"BEE" mode	Manual	Auto	Manual
Frequency modulation	30 - 120 Hz, cycle 7 sec;	30 - 120 Hz, cycle 7 sec	30 - 120 Hz, cycle 7 sec
Switng mode	SW1, SW2, SW3, SW4	SW1	N/A
Influencing impulse frequencies	15-350 Hz	15-350 Hz	15-350 Hz
Intensity	1 ... 8 Can be applied to multiple frequencies	1 ... 8 Can be applied to one frequency	1 ... 8 Can be applied to multiple frequencies
The duration of gaps between impulses in a packet Z	200 ... 1600 µsec	200 ... 1600 µsec	200 ... 1600 µsec
Amplitude of the stimulating pulse at a standard load	(1,7-2,5) ... (100-150) V	(1,7-2,5) ... (100-150) V	(1,7-2,5) ... (100-150) V
Indicator	Graphic LCD with backlight	Graphic LCD with backlight	Graphic LCD with backlight
No of personal sets of parameters	Up to 5	Up to 5	Up to 5
Power supply	Four 1.5V alkaline batteries (AAA)	Three 1.5V alkaline batteries (AA)	Three 1.5V alkaline batteries (AA)
Temperature	10 to 35C (Operating) -50 to 50C (Storage)	10 to 35C (Operating) -50 to 50C (Storage)	10 to 35C (Operating) -50 to 50C (Storage)
Weight	0.2kg	0.2kg	0.2kg
Dimensions	185 x 62 x 30mm	185 x 62 x 30mm	185 x 62 x 30mm
Warranty	2 years	2 years	2 years

Added Benefits

- Using the **SCENAR™** device is **not physically demanding**
- The **SCENAR™** device is **small and easily portable**
- The **treatment is comfortable** and **non-invasive**
- The **are very few contraindications** such as pacemaker, pregnancy, serious mental disorders
- **Various attachments** for different applications

Indications

The **RITMSCENAR™ series** are **professional electro-bio-controlled devices** ideal for pain management in various functional and pathological processes.

SCENAR™ does not treat a particular disease or condition, it stimulates and helps to regulate the body's own healing recourses.

SCENAR™ therapy may be used as a complementary or mono therapy in pain management of:

In Australia SCENAR therapy is intended to be used as a complementary or mono therapy to treat pain associated with:

- **Surgery**
- **Trauma**
- **Musculoskeletal problems**
- **Bursitis**
- **Dental problems**

It may also be used in physical therapy and during labour/delivery

Compatibility with other therapies

When integrated appropriately, **SCENAR™ treatment is compatible with most other therapies.**

Combining SCENAR™ Treatment with the **Healing Blanket** will over time gently restore

the body's energy balance and rejuvenate the body. **It is an outstanding complement to SCENAR™ therapy** or as a stand-alone treatment, great for both acute and chronic complaints.



Publications

Publications about SCENAR™ effectiveness can be downloaded at www.scenar.com.au/technology/publications

- Biocontrollable electrostimulation in clinics of nervous diseases - *Likarska Sprava* 2002;(7):68-70
- The effectiveness of SCENAR therapy in complex treatment of duodenal ulcer, and the mechanisms of its action – *Klinicheskaia Medicina*, 2006;84(7)
- Role of autonomic dysfunction syndrome SCENAR-therapy in various somatic pathology - Rostov State Medical University

Clinical trials

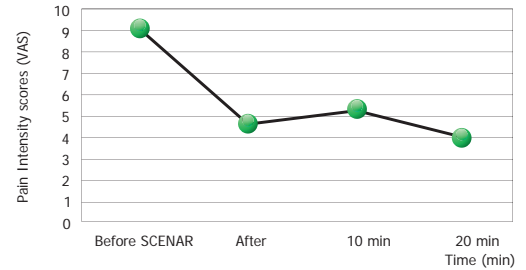
Pain management in Emergency

Professor Tarakanov, M.D., Head of Department Acute Care and Emergency, Rostov State Medical University

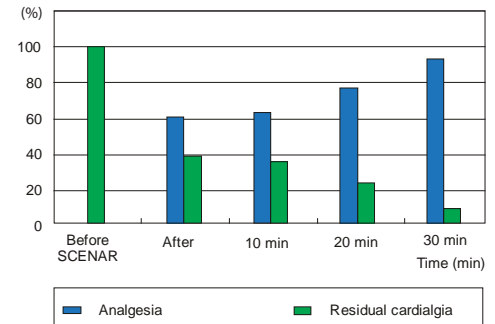
Results of **SCENAR™** monotherapy of pains in emergency –analgesia against a background of normalized function of organs at stenocardia (n=26, 66%); hypertensive crises at cardialgia (n=153, 91%)



Analgesic effect of SCENAR treatment at stenocardia



Analgesic effect of SCENAR Treatment at cardialgia



Dynamics of the complete analgesic effect and residual pain (%) during analgesia of patients with cardialgia at hypertensive crisis

Training

Specialized training (at least Level 1) is required prior to using RITMSCENAR™ professional series devices.

Three levels of training are available to **RITMSCENAR™ Professional users** that cover theoretical and practical application of the device and technology.

Certificates are provided to justify the completion of the course.

For more information about training options, please contact the **Authorised Training Centre for RITMSCENAR devices:**



RITM SCENAR Institute Pty Ltd
Tel: +61 2 8005 6461
info@scenarinstitute.org
www.scenarinstitute.org

Level 1 - Entry level in the SCENAR™ therapy
- basic knowledge about the device, functionality and the most common treatment techniques, practical applications

Level 2 - Intermediate Level SCENAR™ therapy training course - detailed explanation of the SCENAR™ technology, special device modes, introduction to energy medicine

Level 3 - Advanced Level SCENAR™ Therapy
- the highest level of SCENAR™ training. Presents holographic techniques in SCENAR™ therapy, special practices, zero acceleration techniques.

Specialist courses are also available - Sports Injuries, Women's Health, SCENAR™ Aesthetic medicine.



Certificates



Australia
ARTG
ID: 140659
ID: 164651

U.S.A.
FDA
K092117



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