

## **SCENAR THERAPY APPLICATIONS**

Tarakanov A., Milyutina N., Tarakanova T., Musieva L.,  
Kartashova N., Miktadova N., Rostov-on-Don, Russia

### **Perspectives Of The Application Of The Transcutaneous Electro-stimulation With Biofeedback In Cardiology**

#### **Aim**

Comparative analysis of SCENAR therapy and common methods of treatment of patients with cardiological disease at different stages of medical help – emergency, hospital and ambulatory care therapy.

#### **Material and Methods**

SCENAR therapy was provided by physicians, working in emergency room, ambulatory care and hospitals, using unified methodics and instructions. SCENAR 97.4, SCENAR 97.5, TENS SCENAR Devices were used.

Priorities for SCENAR treatment were: hypertonic disease with no effect from medication treatment and encephalopathy; hypertonic and hypotonic crises; acute myocardial infarction (2-3 days after hospitalization); patients with post infarction stenocardia; neurocirculatorial distonia in adults and children.

Patients were subjected to clinical, instrumental and biochemical examinations, special examinations for the activity of peroxide oxidation of lipids (POL) and for the condition of antioxidant system (AOS) of plasma and erythrocytes.

In most of the cases SCENAR treatment was combined with medications. In 40-60% of the cases monotherapy with SCENAR was provided.

The analysis of the results proved the high effectiveness and safety of SCENAR therapy in cardiology diseases. All of the physicians, who took part in the clinical examinations, noted the safety of this method of treatment.

SCENAR treatment and common methods were compared in clinical and biochemical characteristics.

## SCENAR TECHNOLOGY OVERVIEW

The name SCENAR derives from: **Self-Controlled Energo-Neuro-Adaptive Regulation.**

The SCENAR is an electronic-therapy device invented by a team of Russian Scientists (Alexander Karasev and Prof. Revenko) and developed further by RITM OKB ZAO in the 1980's for use in space, where cosmonauts would have a means of treating themselves in orbit, without the need to take drugs.

RITM OKB ZAO is the only manufacturer of the original SCENAR technology.

RITM OKB ZAO now has set up a branch in Australia - RITM Australia to provide local support for their products - SCENAR devices for Professionals and Home user and Healing Blankets.




RITM SCENAR devices are CE Mark certified (the highest standard for manufacturing medical devices in the world), ISO 9001, ISO 13845.

RITM SCENAR devices are also included in the Australian Register for Therapeutic Goods Administration under TGA # 140659.

At present the SCENAR medical devices have been recognized in 60 countries all over the world: the United Kingdom, Australia, New Zealand, the Netherlands, Austria, Germany, Italy, Israel, Hungary, Czech Republic, Turkey, South Korea, the US, etc.

Over 6,000 doctors are now using the Scenar as an integral part of their medical practice.

The product range includes professional devices and devices for home users and sportsman, Healing Blankets and accessories.

	<b>Professional series SCENAR</b> devices – for medical practitioners and therapists
	<b>Home SCENAR device series</b> – sportsmen and personal home use
	<b>OLM</b> Healing Blankets and their modifications