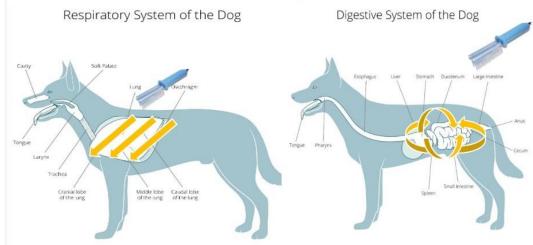
Perspective for the Treatment and Prevention of Diseases in Dogs by SCENAR Device

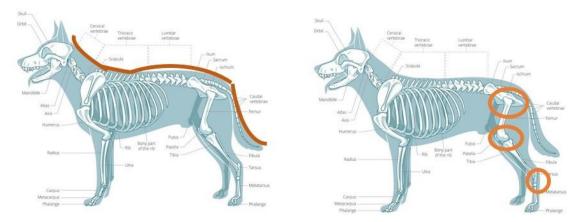
The idea of using SCENAR therapy in veterinary is very promising. This is primarily related to the main doctrine of this method of treatment, which is not pathogenetic, but sanogenetic in nature. Therefore, the animal is a "carrier" of the disease. SCENAR method of treatment "turns on" the process of self-healing given by the nature. A feature of veterinary medicine is the lack of verbal contact between a therapist and a "patient". This makes it difficult to diagnose and treat animals in a number of diseases. Therefore, it is relevant to use the universal SCENAR method, with the help of which, already in the early stages of the disease, you can get a quick therapeutic effect.

Indications for the use of SCENAR therapy are the prevention and treatment of the non-infectious and infectious diseases in animals/ pets. This is possible both in combination with traditional methods of medication therapy, and independently. This treatment is especially relevant in the presence of allergic and concomitant diseases. The need for the use of SCENAR device and the treatment is determined by the veterinarian. The device can be used both in the clinic and directly at the location of the animal (at home by the owner). There are no special requirements for the place and time of the procedure. During SCENAR treatment, as a rule, additional fixation of the animal is not required. The animal must be in the comfortable position (sometimes the therapist needs to get on the floor). The adjustment of E (Energy) level during the treatment is individual based on the observation of the animal and always starts from minimal. The animal should not experience any unpleasant sensations from the therapeutic effect.

Here are the recommended *treatment zones* in animals/pets:

- 1. Zone of the direct skin projection of the affected organ or part of the body (diseases of the liver, stomach and intestines).
- Segmental zones. The impact is based on the principle of metamerism. The transfer of information
 occurs from some internal organ and a certain skin zone and goes back with the help of the same
 spinal segments or vegetative formations.
- 3. Universal/ General zones, when being treated, lead to normalization of impaired functions in the projection of the affected organs, in dogs, for example, such a zone is the accessible zone of the paw pads, on which the projections of all organs and systems are presented. Beside this threat the zone along the spinous processes of the spine from the head to the tip of the tail.





Here are a few examples of dog treatment:

1) Prolonged disorder of the function of the gastrointestinal tract.

Dog: Labrador, male, 2.5 years old.

At the time of admission to the vet clinic the dog had been on medication for approximately 14 days with persistent diarrhea without any positive dynamics.

The complementary course of SCENAR treatment lasted 18 days. The treatment was performed on the projection of the area of the liver and kidneys, as well as the spinal column (comb electrode). Treatment time for the first 5 days - 5 mins, the rest of the days - 10 mins. F (Frequency) - 90Hz, AM - 3:1. Also the medicated treatment continued: antibiotics, vitamins, and probiotics.

The dynamics of the process is as follows: on the 1st day of the treatment, physiological parameters are normal, appetite is good, the state/ behavior is active, stool - 4 times a day, feces are watery, dark brown in color. Day 2 to 17, the general condition is unchanged, the appetite is also good, the stool on the 2nd day is 3 times a day, the color of the stool changed from brown to greenish, and the consistency changed from watery to mushy. On the 18th day of treatment, stool - 2 times a day of mixed consistency (formed feces and feces of a liquid consistency). From the above information, we can make a conclusion about the positive dynamics with the normalization of the function of the gastrointestinal tract.







2) Lameness of the leaning type due to injury and incorrect fusion of the tendons.

Dog: Labrador, male, 2 years old.

At the time of admission to the vet clinic lameness/ limping of the leaning type during physical exertion/ loads on the right thoracic limb was observed. From the anamnesis, it turned out that approximately 2

months ago the animal was injured with soft tissue damage. While providing first aid to the animal, sutures/ stitches were incorrectly applied, due to which an incorrect tissue fusion occurred.

The course of complementary SCENAR treatment lasted 11 days. The treatment was performed on the area of the shoulder of the right thoracic limb and the limb itself. Treatment time – 10 mins, F (Frequency) - 90 Hz, AM - 3:1. Auxiliary analgesic therapy was given for the first 3 days. Throughout the course of treatment, the animal is in an active state, all physiological parameters are normal, appetite is good, feces are fully formed. In the first 3 days of treatment, the lameness did not decrease in the animal, the pain syndrome was removed with medication, on the 4th day the anesthetic drug was canceled. Starting day 4, the lameness began to decrease, and by the 10th day the animal did not limp even after intense physical exertion/ load. SCENAR therapy in this case contributed to the regeneration of the soft tissues and had a pronounced analgesic and anti-inflammatory effect.







3) Hepatopathy, pancreatitis and pathology of the genitourinary system.

Dog: Belgian Shepherd, male, 1.5 years old.

At the time of admission to the vet clinic, the dog suffered from periodical vomiting (sometimes lumpy, or bile), diarrhea (liquid to mushy stool, from brown to light yellow) for 2 to 4 times a week. Based on the biochemical analyzes, a violation of the functions of the pancreas, liver and kidneys was established.

The course of SCENAR treatment lasted 10 days. The treatment included procedures on the area of the liver and kidneys, as well as the spinal column (comb electrode). Treatment time - 15 mins, F (Frequency) at the beginning of treatment – 60Hz, the following days F - 90 Hz, AM - 3:1. Medicated treatment was also given to the dog. During the treatment, the dog became more active, appetite improved, the main physiological parameters returned to normal; on the 5th day, vomiting and diarrhea disappeared (feces became completely formed, brown).

4) Lameness of the supporting type due to deforming arthritis of the head of the hip joint.

Dog: German shepherd, male, 2 years old.

At the time of admission to the vet clinic, lameness of the leaning type on the right pelvic limb during prolonged physical exertion and in a calm state was revealed. When walking the dog spares the limb.

The course of SCENAR treatment lasted 20 days. The treatment was performed on the area of the hip joint. Treatment time – 15 mins, F (Frequency) for the first 2 days – 90Hz, then FM (15-130Hz), AM 3:1. Also auxiliary analysis therapy was given to the dog.

On the 3rd day of treatment, the dog's condition was active, lameness decreased to a significant extent. All physiological parameters throughout the course of treatment were normal. In the days that followed, the dog showed a steady improvement. On the 20th day, an x-ray of the hip joint was performed, and the

diagnosis was made: deforming arthritis of the head of the hip joint. Obviously, no complete healing is expected in the dog, the further treatment aimed at supporting his well-being and providing the pain relief as needed. The owner was taught basics of SCENAR therapy and some useful techniques.

5) Inflammation of the salivary gland.

Dog: German shepherd, male, 3 years old.

At the time of admission to the vet clinic, abundant salivation, difficulty swallowing, swelling in the area of the submandibular lymph node on the right side, elevated temperature of 104F/40C (at a norm of 99.5 - 102.2 F/37.5 - 39 C) were revealed.

The course of SCENAR treatment lasted 10 days. The treatment was performed on the area of the submandibular space, the base of the auricle, and the dewlap. Treatment time - 15 mins, F (Frequency) for the first 5 days - 90 Hz, then FM, AM - 3:1. Also auxiliary drug therapy was given.

In the first 3 days, the dog did not improve, the dog behaved restlessly, the swelling in the submandibular space increased and became more solid, the body temperature ranged from 104 - 103.1F/40 to 39.5C. On the 4^{th} day, the dog showed a decrease in salivation, he became more active, the swelling began to soften. On the 6^{th} - 7^{th} day, the dog's temperature is 102.2F/39C, there is practically no salivation, swallowing is not difficult, the swelling decreased by several times and became soft. And on the 10^{th} day there is no swelling, there is no profuse salivation, swallowing is not difficult, the dog is active, the temperature is 101.1F/38.4C. In this case, we can say that during the treatment with SCENAR device, we observed a pronounced therapeutic effect.

The obtained pilot results indicate that SCENAR therapy can successfully complement the existing methods of treatment. Again, other researchers show that the inclusion of SCENAR therapy is sometimes the key factor that leads to a positive shift in the disease. Sometimes SCENAR therapy can be performed as an independent type of treatment.

REFERENCE LIST:

- 1. A.V. Tarakanov, V.G. Panov// Scientific journal "Профессия КИНОЛОГ" #7, 2014 (Translated from Russian)
- 2. V.V.Chernyshev and others. User's Manual to the Devices of Electric Neuro-Adaptive Therapy "SCENAR-"
- 3. A.D.Polyakov, V.N.Stepanov SCENAR Therapy for Treatment and Prophylaxis of Cattle's Diseases/ KemAgrIns. – Kemerovo, 2002. – 68 p.