



USER GUIDE VETERINARY – CAT & DOG

ENGLISH, REV 1.0



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Life-changing solutions by
Radiant Life Technologies
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FOREWORD

coMra for all animals

– large and small

We share our environment with animals of every size and shape and in spite of their uniqueness each inherently strives to become a healthy, thriving being. We witness the most remarkable intelligence of a living body as it assembles its form from scattered particles into a graceful and harmonious organism. Just recall how your house pet grew from a tiny ball of fur into a strong, energetic and loving companion for the entire family. This is why we call them living organisms, since they possess the ability to self-organise and self-maintain their wholeness and inner integrity.

So how do we help an animal if it gets sick or injured? We surround it with care and love in order to create the best conditions where nothing could inhibit the organism in its task of self-healing. Every particular situation can be different in that there are a number of possible causes and effects of diseases, injuries that need to be addressed and remedied. But it is the body itself that always remains in charge of recovery and regeneration of the affected organs and cells. Simply put, in order to truly help the animal to recover, our main task is to aid the body when and where it needs support the most.

Life supportive regenerative medical technologies embody such views of support and respect for the intelligence of the body. Of particular note are many discoveries made in the area of physical medicine that show how various low intensity radiances can greatly enhance the ability of the body to self-regenerate. This progress of physical regenerative technologies culminated in 2009 with the introduction of coMra therapy, which combines low level laser, magnetic field, colour LEDs and ultrasound in one coherent therapeutic stream. The synergetic coMra effect modulates and tunes the flows of energy, matter and signals, resulting in a state of higher coherence, so that the diseased cells and organs can now function and self-repair with much higher efficiency.

As a noninvasive and holistic medical technology coMra therapy also enables us to provide a much greater level of quality of life for the animals in our care. We can help the animal at the very first signs of feeling unwell, without waiting for the condition to become dire. With preventative treatments many diseases can be avoided altogether. Also keep in mind that once you learn how to use coMra therapy to treat yourself, this knowledge is also often applicable to your household animals because they “copy” the emotional state, lifestyle and behaviour patterns of their owners. We created this user guide to help you navigate animal anatomy and thus encourage you to experiment with coMra therapy in creating lasting wellbeing and the quality of life that you desire for all members of your family, be they human or animal!

We express our gratitude to all the pet owners and veterinary doctors from around the world who shared with us their coMra experiences. And our special thank-you to Dr Ulyana Marshalkina for her assistance in creating this user guide.

Dr Arzhan Surazakov PhD

Director of Research and Development at Radiant Life Technologies

BEFORE YOU START



IMPORTANT

1	Under no circumstances should the laser light be allowed to come into contact with the open eyes. Bear in mind that the infrared laser light is invisible to the eyes of humans and most animals. Please note that prolonged exposure of the open eyes to laser light could cause permanent blindness, and even brief exposure could result in serious damage to the eyes.
2	If treatment is to be done directly to the eyes or anywhere close to the eyes, the eyelids must be closed, in which case no damage can be done to the eyes. Keep the eyelids of the animal closed with your fingers.
3	In treating the heart area NEVER use a frequency other than 5Hz.
4	A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.
5	Do not place any of the coMra therapy devices within 30cm of any sensitive electronic equipment (laptops, hard drives, etc.). The magnetic field from the devices may damage such items.
6	If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.
7	If the animal becomes restless during treatments, you may switch OFF ultrasound for points close to the ears. Switch ON ultrasound once the animal is used to hearing it during treatments.

General notes

1

The list of medical conditions and protocols given in this guide by no means implies that these are the only conditions that can be treated by using coMra therapy. The protocols given are merely examples of the versatility of coMra therapy. The practitioner is encouraged to familiarise him or herself with the basics of coMra therapy, and then to experiment, and so build up his or her own working knowledge of coMra therapy in order to treat any medical condition he or she encounters, using the protocols given in this manual as a guide.

To assist the practitioner in this, it may be helpful to note that coMra therapy acts primarily on the innate ability of a cell to self-repair by coherently enhancing efficiency of cellular energy metabolism, accelerating repair of cell structure and harmonising regulatory processes. Once cells sufficiently restore their structure and rebuild resources, they are capable of resuming normal function as a part of an organ (read more: <https://doi.org/10.1016/j.jphotobiol.2020.112083>).

Since the ability to self-repair is fundamental to all cell types, coMra therapy can be applied to all parts of the body that require support due to intense load, stress, disease or injury:

- a) the central and peripheral nervous systems,**
- b) the immuno-endocrine system,**
- c) the blood,**
- d) the lymphatic system,**
- e) the organs and other body parts directly.**

The points illustrated in the protocols have primarily been selected with these considerations in mind, although additional points are sometimes included in specific protocols, where these are needed.

2

Every effort has been made to illustrate with accuracy the protocol points in this user guide. However, taking into account the differences in body sizes and anatomy of different animals, we are only able to give a general indication of placement on our illustrations. We are aware that locating the protocol points, for the non-professional, may prove to be a little challenging therefore we suggest using online anatomy resources such as the Vet-Anatomy (<https://www.imaios.com/en/vet-anatomy>) to help with any confusion that may arise.

3

Since coMra therapy is an innovative form of medical science, we are constantly updating our knowledge base to reflect the growing body of clinical data. In response to growing demand, new protocols are also being developed, compiled and added on an ongoing basis. Consequently, to ensure that you get the optimum value from coMra therapy you should regularly check the coMra therapy website (www.comra-therapy.com) and update the mobile application for the latest additions and amendments to the user guide.

How coMra therapy supports the body

coMra therapy tends to work differently to conventional medical treatment and allopathic medications, and this is most often visible in the case of certain serious illnesses, and/or prolonged illnesses, where the body has become depleted. Therefore, it is of vital importance to take into consideration the following few points when treating these conditions, so as to avoid unnecessary concern:

- 1 In serious illness, and/or prolonged illness the body becomes exhausted and depleted in the constant fight against the disease. If this state of affairs goes on for some time, the body is eventually so weak that it will use whatever remaining reserves it has in maintaining only those organs and those bodily functions that are vital to the preservation of life.
- 2 The principal function of coMra therapy is to act as a support for the body. Consequently, if a body has become exhausted and depleted it will, once coMra treatment is commenced, first use this support to build up its strength and its depleted reserves. The result of this is an immediate feeling of well-being.
- 3 After the body has built up sufficient strength it initiates the healing process. If, because of serious illness, the body is still recovering from depletion, it will again become depleted, and the result of this is what can appear to be a complete relapse. Occasionally, such relapses can precipitate a state of health in which the symptoms displayed are worse than before treatment was commenced. This state of health, however, will only be temporary, and the treatment should NOT be suspended.
- 4 The reason why it is important to continue with the treatments is because the body will once again use the support given to it by coMra therapy to build up its strength, and will then continue to fight against the disease. Throughout this time the patient will be making good progress and will feel considerably better. Later on, if the illness has been sufficiently serious or prolonged, the body will at some stage again become depleted, which can also result in yet another relapse, and the patient no longer feeling as well as before.
- 5 This cycle of feeling better, and having a relapse, will continue for as long as it takes the body to recover fully from its initial exhaustion and depletion. But it will be noticed that, if there are relapses, each apparent relapse is not as severe as the previous time.
- 6 As the body builds up sufficient strength, any future relapses will become fewer, and intervals between them will become longer, until a full recovery has been achieved.
- 7 As a result of the support needed by the body in healing itself, there is no need to take the periods of rest as specified in a protocol between courses of treatment until definite improvement has been achieved.
- 8 Please note that the effects of the irradiation will continue to function even during the periods of rest. However, for maximum effectiveness the periods of rest should not be longer than stipulated in the various protocols.



NONE of these factors apply in cases of physical injuries, or when diseases are treated timeously with coMra therapy.

Vitality, well-being and recuperation

- 1 | coMra therapy's actions are non-invasive and are highly supportive in terms of building the body's functionality in all areas. This it does primarily through its actions on the central nervous system, the blood, the lymphatic system and the organs directly. It is this level of support that makes coMra therapy so useful in the treatment of disease, illness and traumatic injuries, whether these are acute or chronic.
- 2 | However, the uses of coMra therapy are not limited to illness, but extend to a wide variety of circumstances in which the body has become stressed or depleted, for any number of reasons, due to health, lifestyle or work.
- 3 | Therefore protocols are recommended in all situations of recuperation and recovery, whether from disease or from accidents, from trauma or surgical operations or participation in sports competitions.
- 4 | In addition, many productive farm animals are under increased stress due to higher production of milk, eggs and so on. Household pets also reflect emotional stress experienced by their owners. This, in conjunction with the everyday wear and tear of the ageing process, is bringing about an array of health-related complaints and illnesses. The support offered by coMra therapy will reduce the debilitating effects of these factors on the body.
- 5 | Restoration of animal health using coMra therapy also encourages the reproduction of strong and healthy offspring.
- 6 | It is in recognition of the effect of everyday factors on animals' health that most of the protocols for chronic illnesses in the user guide specify ongoing treatments at periodic intervals. It is important that these are observed as a preventive measure, so that the effects of a particular lifestyle can be mitigated and do not again lead to a recurrence of the illness.
- 7 | All of the above means that coMra therapy has a valuable role, irrespective of whether an animal is ill or not, in bringing about continued vitality and in building the body's overall strength and well-being. This makes coMra therapy particularly valuable for a wide range of animals – from farm animals, to household pets and birds, animals in sports, and wild animals that require help.

Types of coMra therapy devices available

The coMra therapy devices are available in different complementary models and versions:

		VERSIONS			
		980nm laser		905nm laser	
		WITH ultrasound	NO ultrasound	WITH ultrasound	NO ultrasound
MODELS	coMra Pro	coMra Pro 980		coMra Pro 905	
	coMra Palm		coMra Palm		
	coMra Delta Series	Medical 980		Medical 905	
		Aesthetic 980		Aesthetic 905	
			Probe 980		Probe 905

Since all of these devices embody the same coMra principles, the protocols in this user guide can be done using any of the three models (coMra Pro, coMra Palm, coMra Delta) but keeping in mind the following:

- a** | Use the coMra Pro device in **Healing Mode** for all protocols in the user guide except for points that indicate use of **Vitality Mode**;
- b** | use the coMra Delta device with the **Medical Terminal** for all protocols in the user guide except for points that indicate use of the other Terminals;
- c** | there are important differences in the effects of coMra therapy devices due to usage of 905nm or 980nm infrared laser, as well as usage with or without ultrasound.

Using the 980nm or 905nm laser

1

The 905nm laser light is about 6 times less absorbed in water (intracellular fluid/blood/lymph) than the 980nm laser light, thus allowing more energy to be delivered directly into deeper target tissues. This translates into more intensive localised healing processes with the 905nm laser. The 980nm laser delivers a reduced amount of energy to the deeper tissue, thus providing a more gradual and less localised healing process.

2

The 980nm laser in the coMra Pro 980, the coMra Palm and the coMra Delta 980 Terminals is best suited for overall support and gradually building up the body's own resources. The supportive action of the 980nm laser means that it can be used safely at home for a wide range of diseases, for very young and old animals, as well as for general well-being and fitness.

3

The 905nm laser in the coMra Pro 905, and the coMra Delta 905 Terminals is recommended for treating more severe forms of acute and chronic conditions, such as trauma, autoimmune, degenerative, oncological diseases. Also, in professional medical practices the 905nm laser allows for shorter treatment times and more space between treatment sessions.

4

Note that if the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.

Ultrasound in coMra therapy

1

coMra therapy can be applied with or without ultrasound, depending on the degree of tissue damage due to injury or disease. Generally speaking, minor injuries and diseases impair only the function of organs, while their structure remains largely intact. Diseases in moderate to severe stages and serious injuries involve both functional deficits and extensive structural damage. The role of ultrasound in coMra therapy devices is to enhance fluid flow and molecular transport, thus greatly shortening the time needed for restoration of structural damage that is necessary for the healing of more serious conditions.

2

The coMra Palm device without ultrasound is aimed at treatment of a variety of different pain conditions, minor injuries and diseases, general well-being, as well as for preventative and palliative care following the same User Guide protocol recommendations. Also, the coMra Palm device can be used for initial recuperation after severe injury or exhaustion.

3

The ultrasound in the coMra Pro and coMra Delta Terminals greatly accelerates healing of serious injuries of skin, muscles, joints as well as reversing degenerative changes in the internal organs. Clinical experience has shown that ultrasound in the Delta and Delta Pro terminals is completely safe and highly effective for treating the brain.

How to apply coMra therapy devices

- 1 | It is vital that the devices are placed directly onto the skin, unless stated otherwise in the protocols given in this user guide. Do not treat through bandages or fabric, no matter how thin the fabric may be. Fabric will distort the radiances, as well as inhibit them.
- 2 | Notwithstanding the above, it is important to note that in treating animals and birds it is not necessary to first shave the animal or to pluck the bird before treatment. As opposed to fabric, which is finely woven cloth, the fur of animals and the feathers of birds do not inhibit the efficiency of the radiances. Instead it has been found that both live fur and feathers act as conductors of the radiances, rather than inhibiting them.
Furthermore, animals and birds are far more responsive to the radiances than are human beings. Therefore even if there are some of the radiances that become distorted by the fur or the feathers, and do not penetrate fully through to the skin, animals and birds still respond very well and very quickly to coMra therapy as a result of just those radiances that do penetrate through to the skin.

Using the different frequencies

- 1 | **5Hz** is the frequency used for deep penetration – as in treating the internal organs and skeletal structure of the body, as well as treating internal tumours. **5Hz is not used on the brain.**
- 2 | **50Hz** is the frequency used for treating most muscle disorders, injuries and ailments that are close to the surface of the skin. Exceptions to this are given in the various protocols listed. This frequency is also used for tumours that are located directly beneath the skin.
- 3 | **1k / 1000Hz** is the least penetrating of the frequencies, and is used mostly for treating skin disorders and very sensitive skin – as in burns, open wounds and superficial ulcers. It is also used for treating the inside of the mouth, the nose, the ears, the vagina and the anus, as well as for treating the central nervous system.
- 4 | **Variable (V)**, which varies intermittently between 5Hz, 50Hz and 1000Hz, is used mostly for joints and bone fractures, and also in cases where it is desirable to treat a particular area at various depths of penetration.

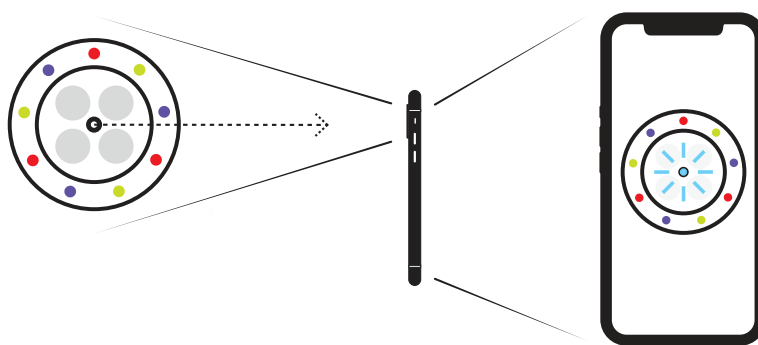
Caring for your coMra devices

- 1 Before applying coMra protocols, ensure that the skin is clean and free from daily grease, dirt or dust. Do not apply oils and creams beforehand. These substances can build up over time and may negatively affect the functioning of the coMra device.
- 2 When treating wounds or infections, or the genital/anal areas of the body, it is advisable to ensure cleanliness and sanitation by wrapping the device with a sheet of a very thin and totally clear transparent plastic cling wrap. Tightly stretch and secure a piece of cling wrap around the face of the terminal of the coMra Pro, the coMra Delta or the coMra Palm, ensuring there are no creases or wrinkles between emitters of the radiances and the skin.
- 3 It is especially important to use cling wrap on your device when treating animals that carry a lot of dust in their fur or feathers such as horses.
- 4 For the coMra Delta and the coMra Pro, use a standard alcohol-based cleaning solution, a 3% solution of hydrogen peroxide or colloidal silver to disinfect and clean your devices. However, do NOT use alcohol-based cleaning solutions for the coMra Palm. Use the 3% solution of hydrogen or colloidal silver instead.

Periodically check that the infrared laser(s) in your coMra Delta Terminal, coMra Pro or coMra Palm, are working correctly. For this simple procedure, you will need a digital camera such as those found on most mobile phones and laptops. **High quality DSLR cameras and some mobile phones will NOT work for this procedure as they have in-built infrared filters.**

With a Terminal attached to a coMra Delta, coMra Pro or a coMra Palm, select a 1 min (⌚) program on Variable (V) Frequency (A), point the infrared laser at the camera lens and press Start ⚙️. **NEVER look directly into the laser with your eyes!**

5



Your camera view screen should show the infrared light as visible, thus confirming correct operation. Depending on the quality of your camera, it should be able to detect the three different pulse speeds of the Variable frequencies; 5 Hz, 50 Hz and 1000 Hz.

SECTION 1

UNIVERSAL PROTOCOLS

Vitality, well-being
and recuperation



IMPORTANT

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.

3

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

4

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.

SECTION 1

UNIVERSAL 1

 **4½ mins**

 **6 mins**





Protocol time.

1 x daily

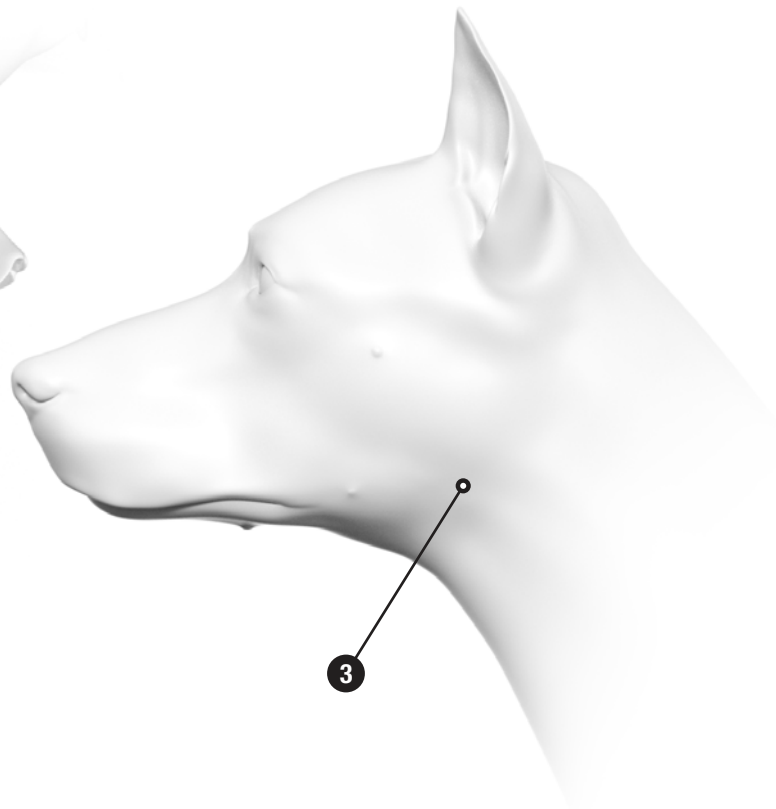
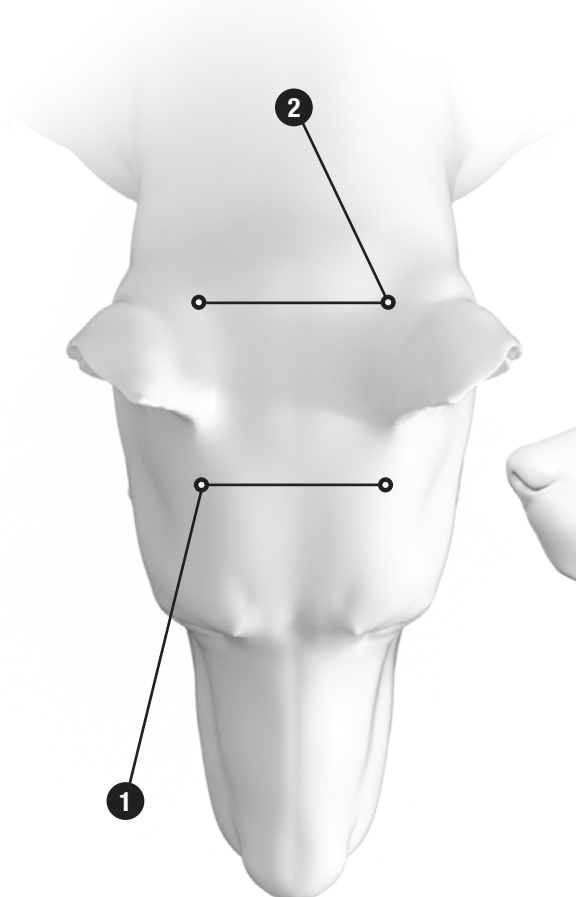
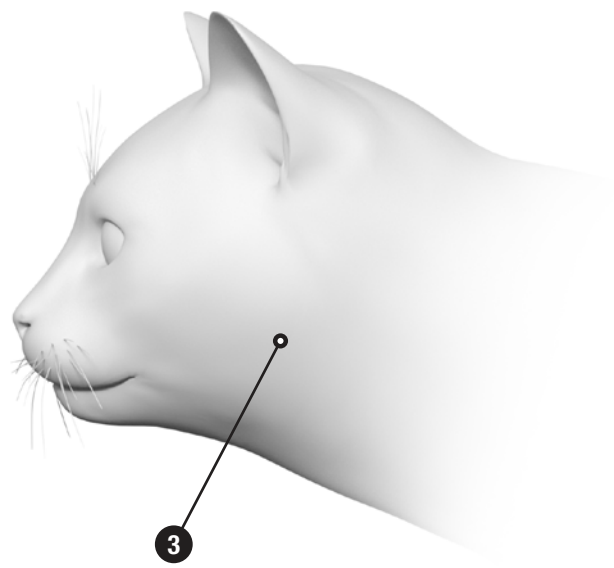
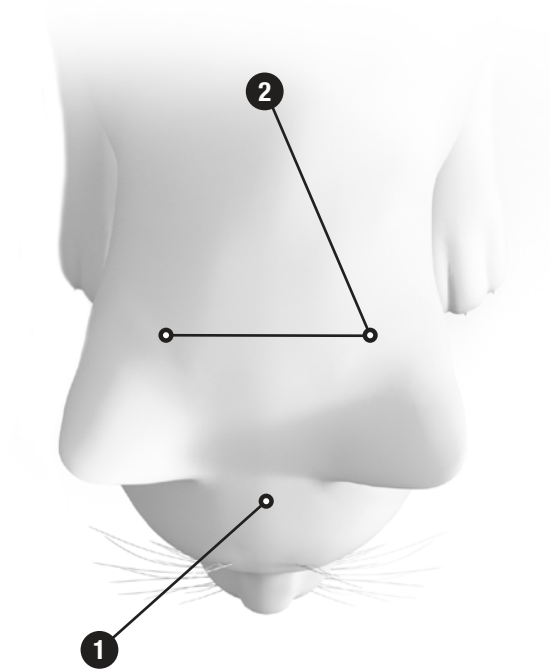
Every 2nd day for 14 days.

Allow 1 month rest and repeat course if needed.

- TREMORS
- CONVULSIONS
- FAINTING
- AGE-RELATED DECLINE OF COGNITIVE FUNCTION
- ATHEROSCLEROSIS
- INTRACRANIAL PRESSURE

PROTOCOL POINT	 MINS (per point)		 HZ
1 Frontal	 ½	 1	50
2 Suboccipital	1		
3 Carotid arteries (both sides)			

i If the animal becomes restless during treatments, you may switch OFF ultrasound for point 1. Switch ON ultrasound once the animal is used to hearing it during treatments.





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 1

UNIVERSAL 2

 **5 mins**

 **7 mins**



Protocol time.

1 x daily

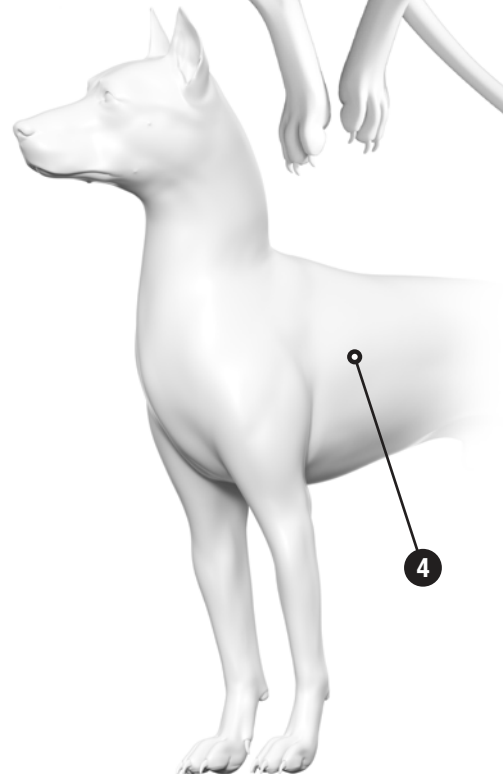
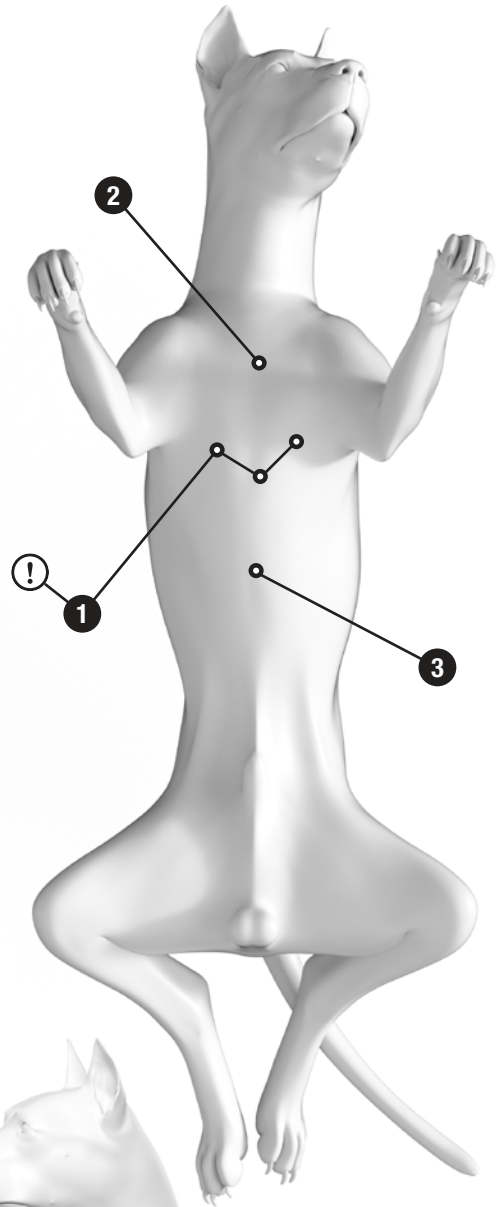
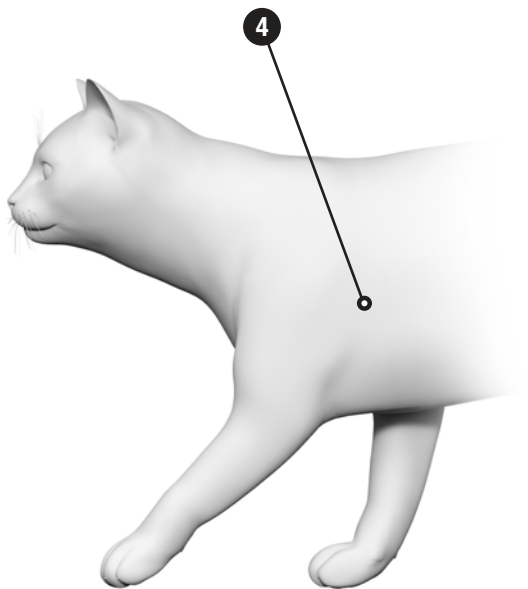
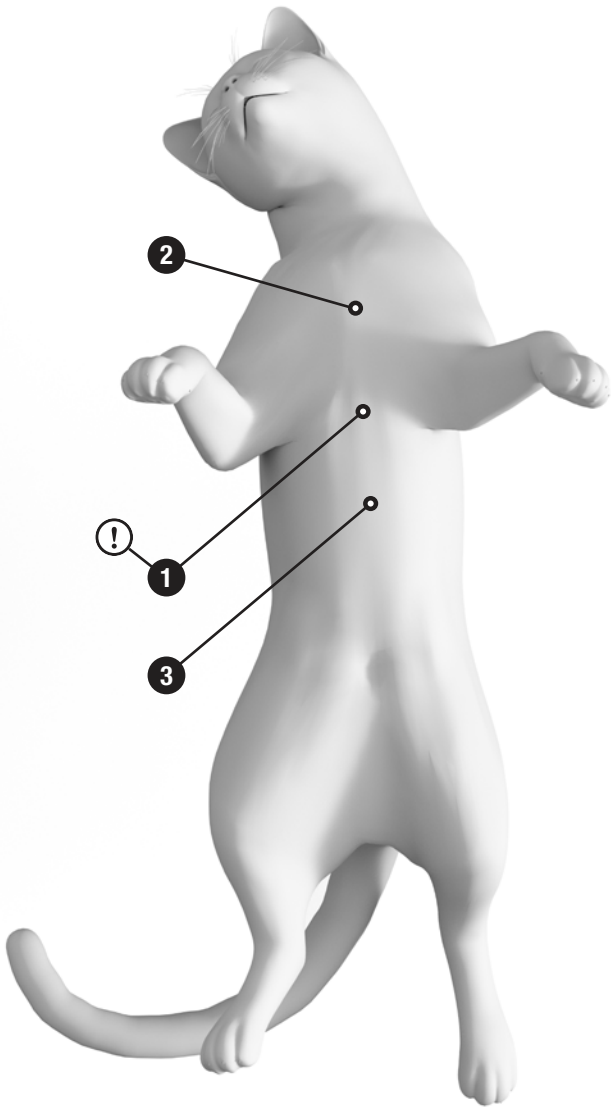
Every 2nd day for 20 days.

Allow 1 month rest and repeat course if needed.

- WEAK HEART
- INSUFFICIENT CORONARY BLOOD FLOW
- LOW IMMUNITY
- VARIOUS CONGENITAL HEART DEFECTS
- ATHEROSCLEROSIS (in conjunction with [GASTROENTEROLOGY 1](#)).

PROTOCOL POINT	 MINS	 HZ
1 Heart	1 per point	5
2 Top of sternum		
3 Xiphoid process		
4 4 th intercostal below scapula, both sides		

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 1

UNIVERSAL 3

 **7 mins**

 **8 mins**

Protocol time.

1 x daily

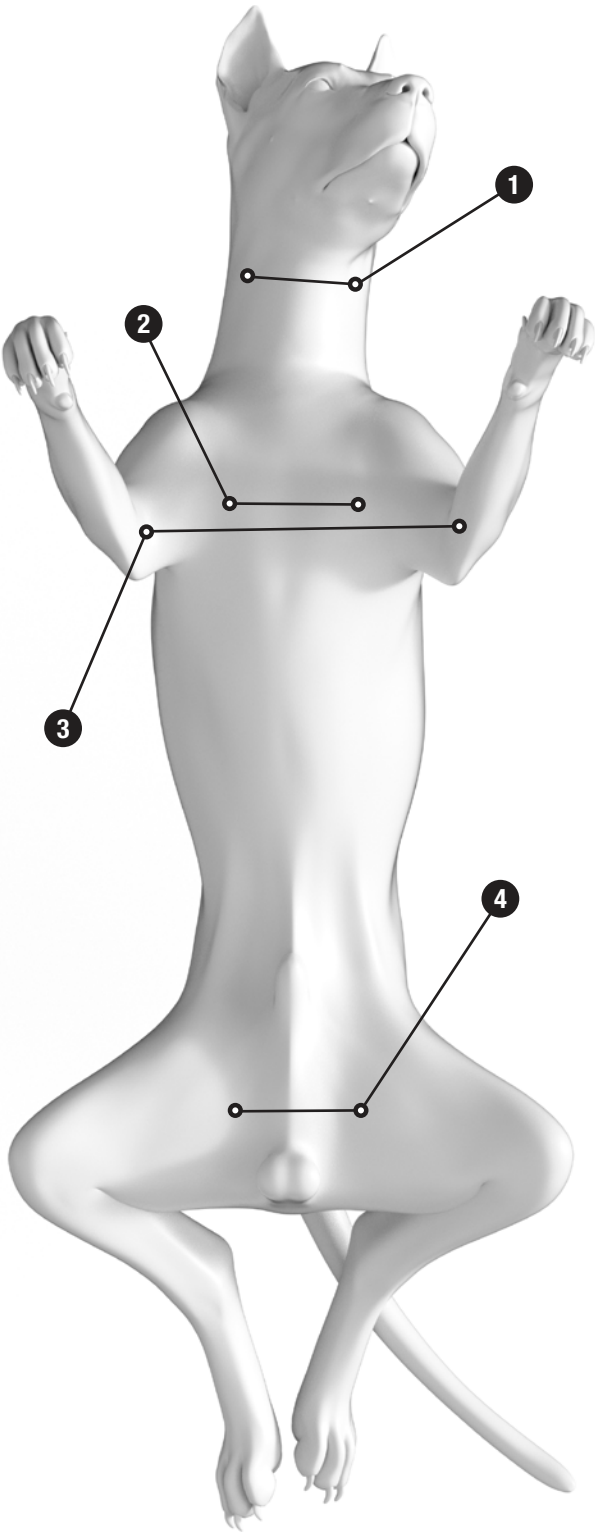
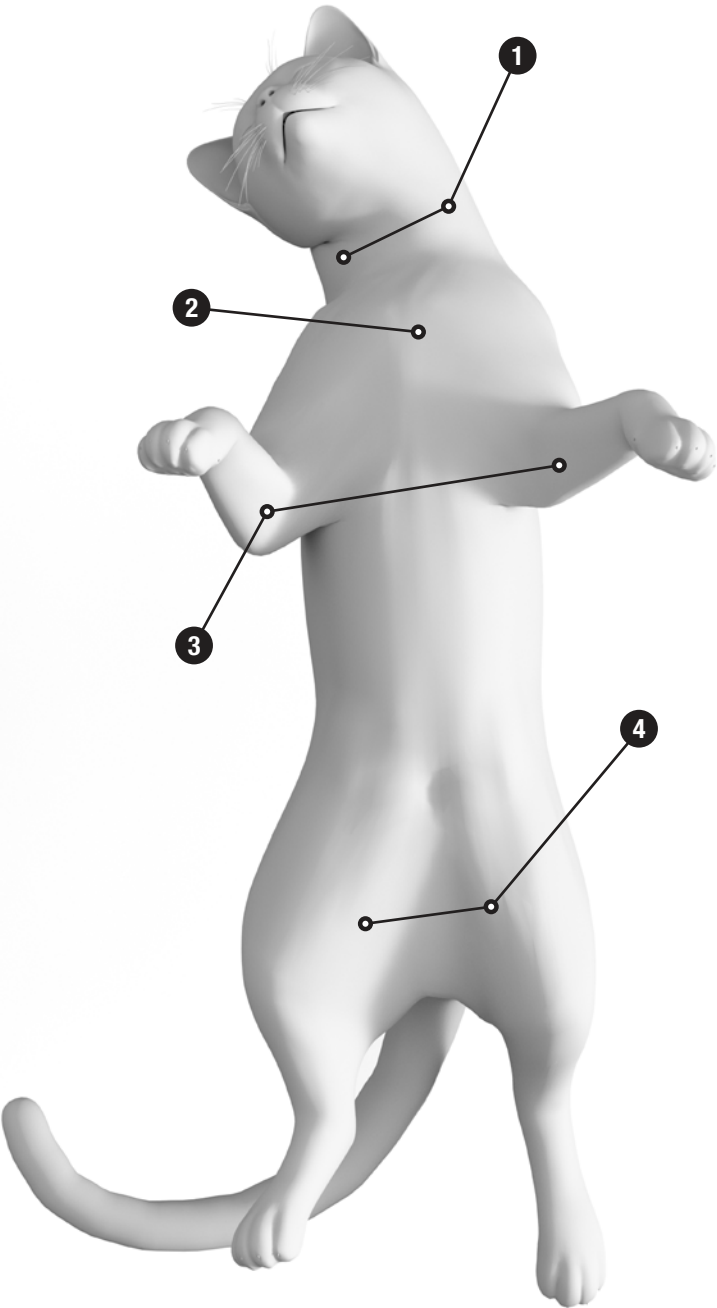
Every 2nd day for 20 days.

Allow 1 month rest and repeat course if needed.

- GENERAL WELL-BEING
- SUPPORT FOR HEALING AND RECOVERY
- ANEMIA
- SEVERE BLOOD DISORDER

PROTOCOL POINT	⌚ MINS	📡 HZ
1 Carotid arteries	1 per point	5
2 Axillary arteries		
3 Ulnar arteries		
4 Femoral arteries		

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 1

UNIVERSAL 4

 **17** mins

 **19** mins

Protocol time.





1 x daily

Every 2nd day until improvement is noticed.

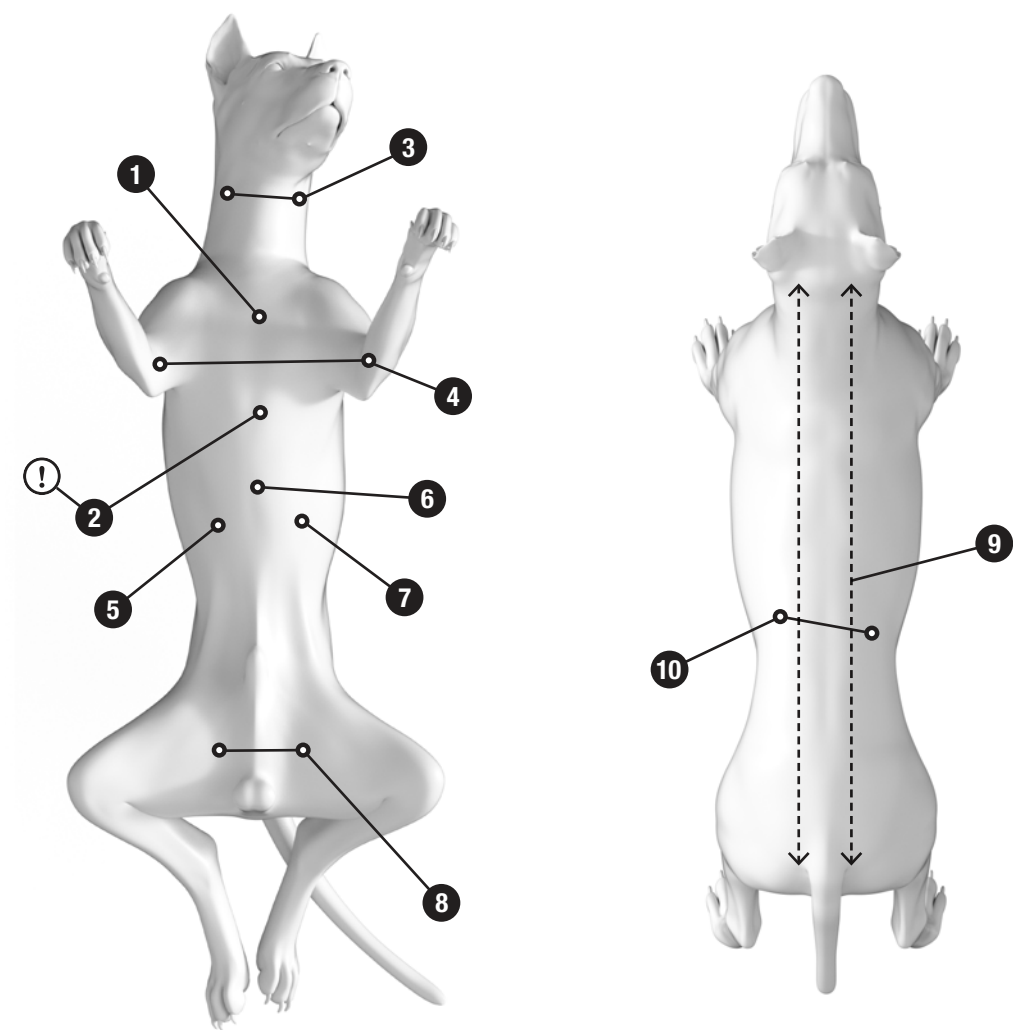
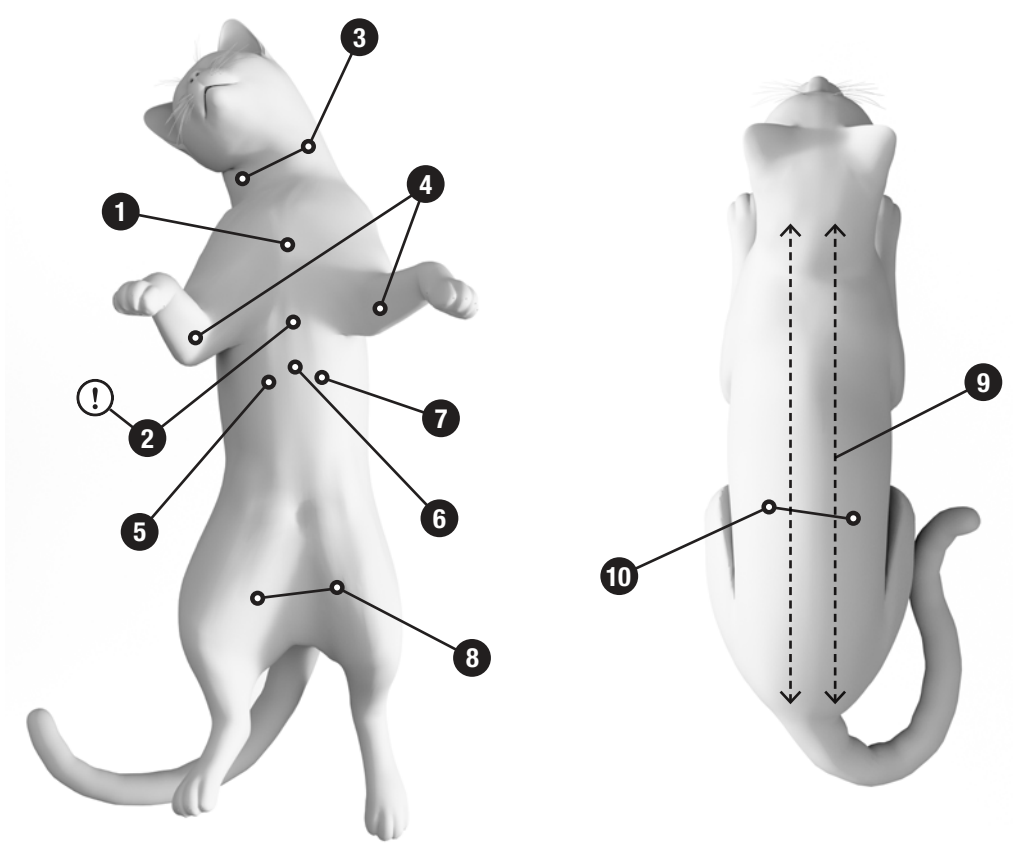
Allow 1 month rest.

Repeat courses as necessary.

- PHYSICAL EXHAUSTION
- RECUPERATION FROM ILLNESS
- RECOVERY FROM SURGERY
- GENERAL WELL-BEING
- VITALITY
- MUSCULAR TONE
- DISTRESS, APATHY
- HYPEREXCITABILITY
- MAINTENANCE AND SUPPORT FOR THE AGEING BODY
- NURSING DEVELOPMENT ISSUES
- TRAINING FOR COMPETITION OR SHOW
- LONG-TERM HEALTH CARE AND PREVENTION OF DISEASES

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Top of sternum	1	5	5
2 Heart			
3 Carotid arteries			
4 Ulnar arteries			
5 Right hypochondrium			
6 Epigastrium			
7 Left hypochondrium			
8 Femoral arteries			
9 Scan along both sides of vertebral column, neck to tailhead	 2	 5	1000
10 Kidneys	 ½	 1	5 then 50

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 1

UNIVERSAL 5

 **9½ mins**

 **16 mins**





Protocol time.

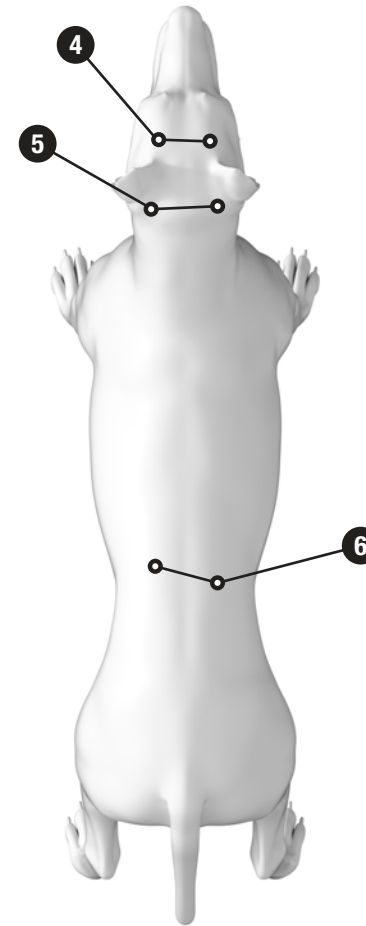
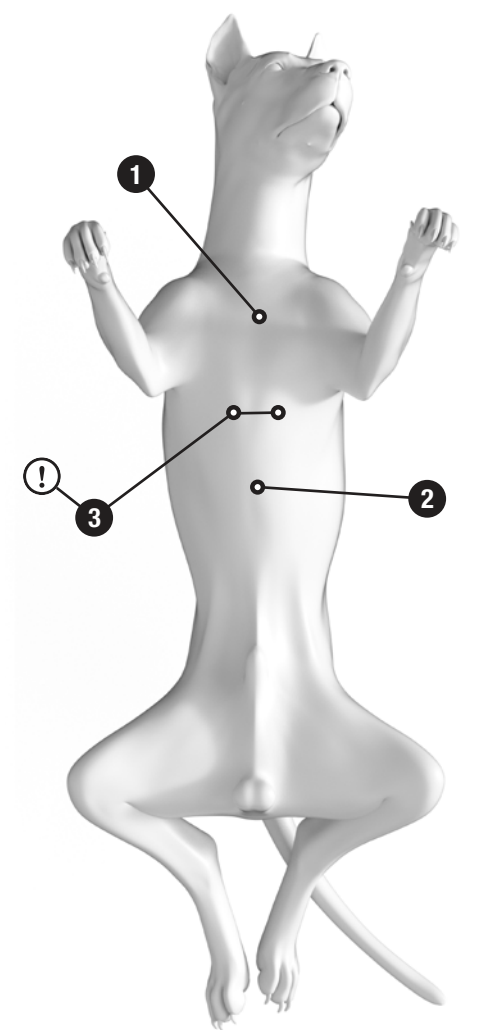
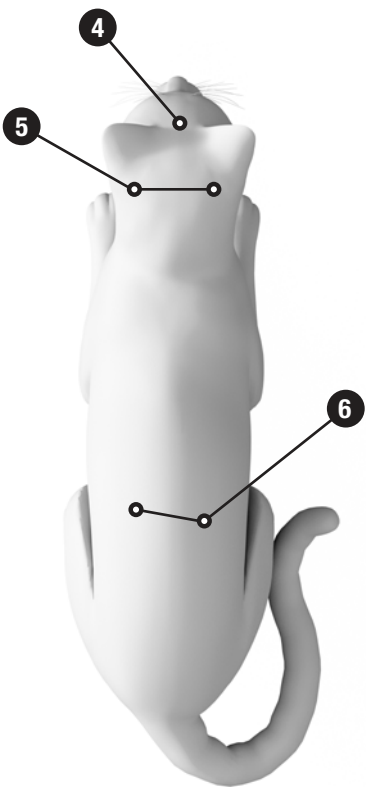
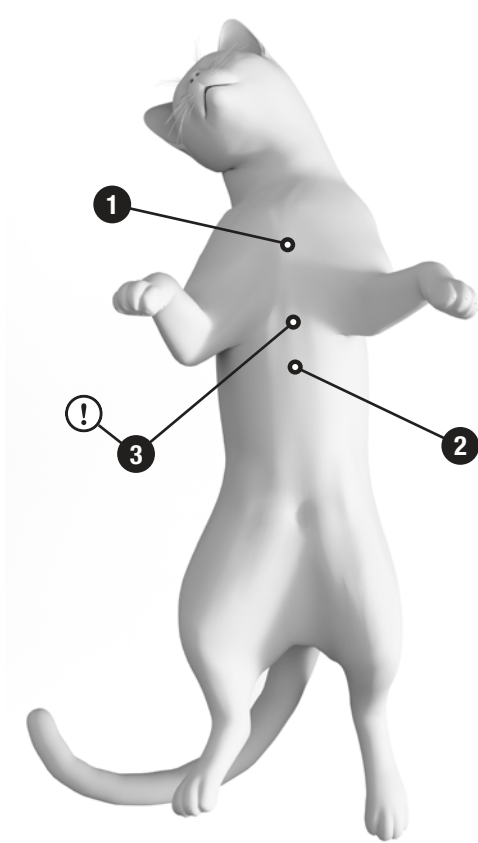
1 x daily

Every 2nd day until improvement is noticed then continue for 10 more days.

Allow 1 month rest.
Repeat courses as necessary.

- STRESS
- WEAK HEART
- ADRENAL DYSFUNCTION
- CUSHING'S SYNDROME

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Top of sternum	1		5
2 Bottom of sternum			
3 Heart			
4 Frontal	 ½	 1	50
5 Occipital	1		50
6 Adrenal glands	 1	 2	5 then 50



SECTION 1

UNIVERSAL 6







 **11 mins**
 **22 mins**
 Protocol time.

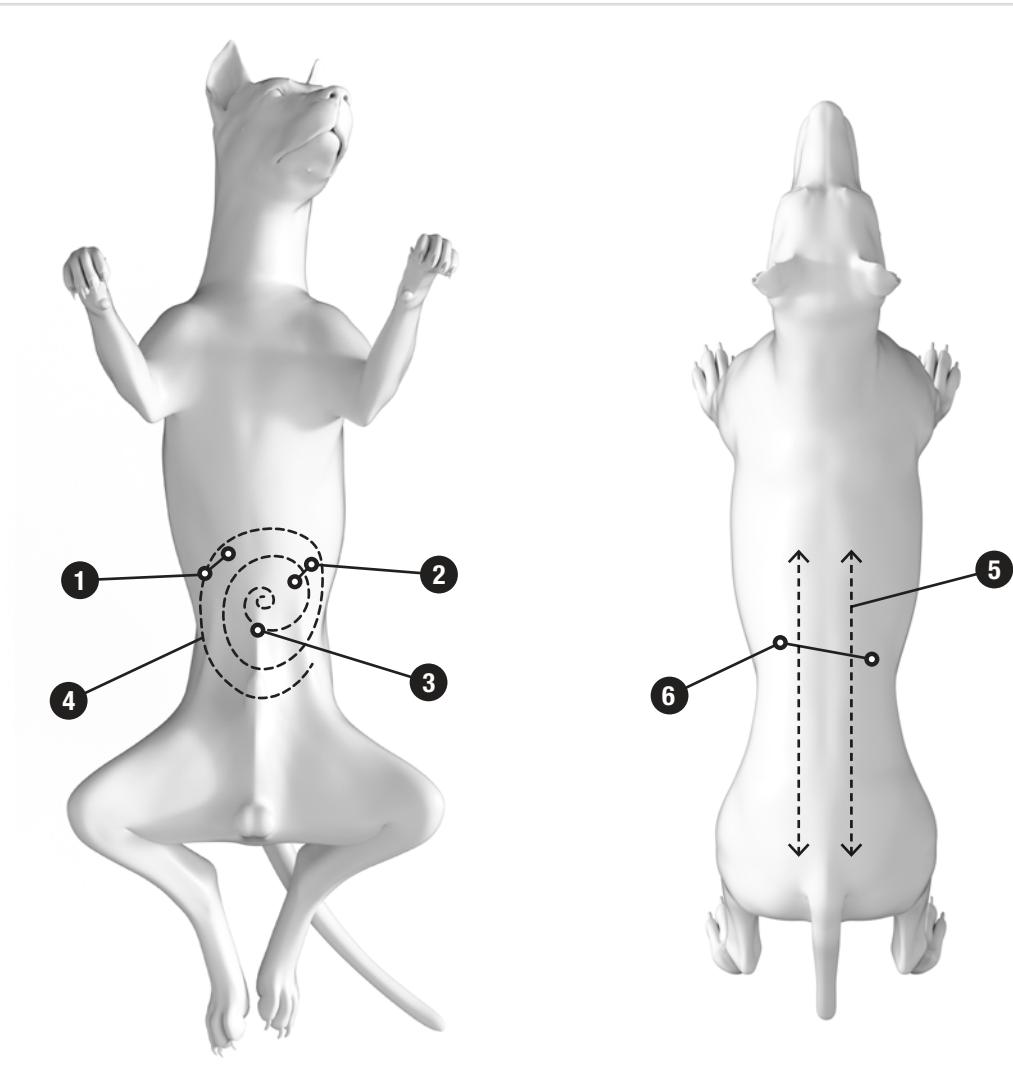
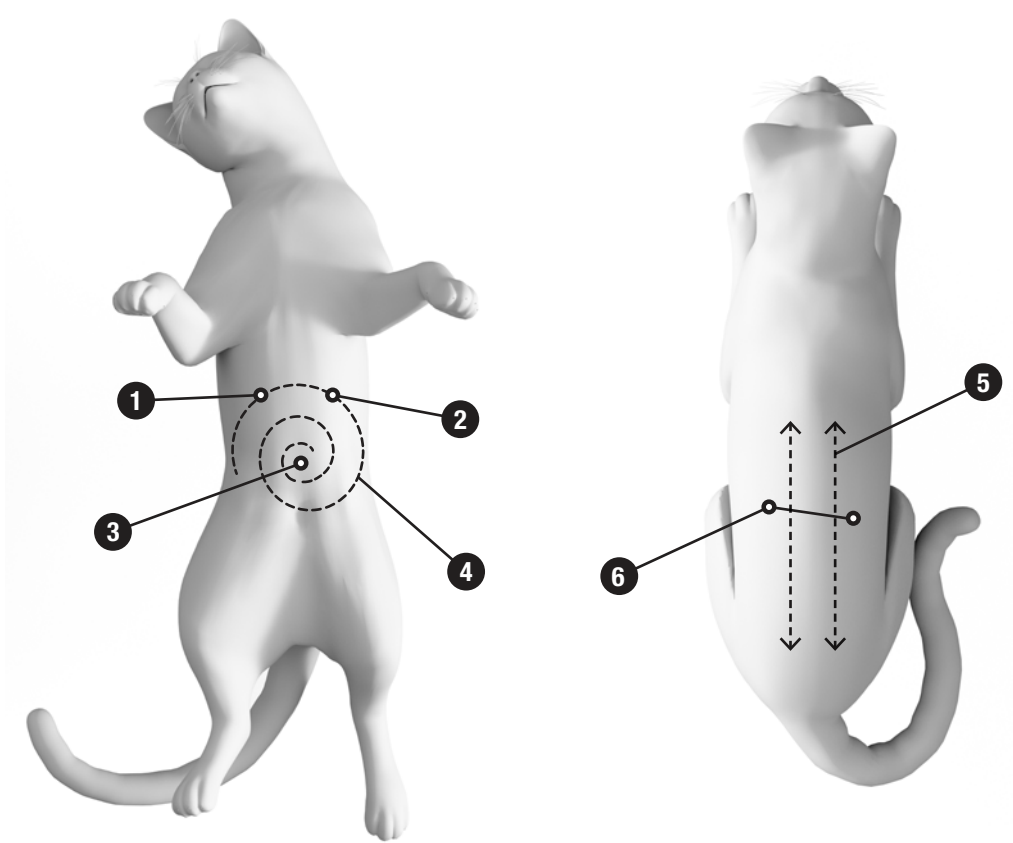
1 x daily

Every 2nd day until improvement is noticed then continue for 10 more days.

Allow 1 month rest and repeat course if needed.

- DETOXIFICATION
- ENTERITIS
- INTESTINAL ATONY
- DIGESTIVE DISORDERS
- PREVENTION OF POST-SURGERY COMPLICATIONS

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
➊ Right hypochondrium	1		5 then 50
➋ Left hypochondrium			
➌ Umbilicus	1		50
➍ Scan abdominal area, clockwise	 2	 5	Variable (V)
➎ Scan along both sides of vertebral column, below scapulae to lower back	 1 per side	 2 per side	1000
➏ Kidneys	 ½	 1	5 then 50
Apply UNIVERSAL 3 every other day			



SECTION 2

SURGERY

Traumatic injuries,
blood vessels
and lesions



IMPORTANT

1

coMra therapy is particularly good for fractures, dislocations and other trauma. However, bandages and plaster casts will distort the radiances and render the protocol ineffective. Therefore bandages should be removed prior to treating, and then put back after treating. Plaster casts should have a hole cut the same size as the Terminal, directly opposite the fracture or broken bone in order to facilitate using coMra therapy.

2

In treating the heart area NEVER use a frequency other than 5Hz.

3

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

4

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.

5

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.

SECTION 2

SURGERY 1

12 mins +

Protocol time.

Until improvement
is evident.

- ABRASIONS
- BRUISES
- CUTS
- MINOR BURNS
- INSECT BITES
- OPEN WOUNDS
- SCARS
- SUTURES FROM SURGICAL INTERVENTIONS

1

Scan just above the surface of the skin at the affected area.
Treat 2 x daily for 5 mins @ 1000Hz and 1 min @ Variable (V)
per 5x5cm area

2

Apply [UNIVERSAL 3](#) once per day

4 mins +
Protocol time.

2 x daily
Until improvement
is evident.

SURGERY 2

- **INFLAMMATION OF TISSUE** (for suppurative inflammation see [SURGERY 3](#)).
- **SWELLING**
- **OEDEMA OF LEGS, LYMPHEDEMA** (in conjunction with [SURGERY 5](#)).
- **SPRAINED MUSCLES AND TENDONS**

1	A	If any of the above are situated anywhere on the body or the face, except on the head, apply the Terminal to the surface of the skin in the affected area, and treat for 2 mins @ 5Hz, and then for 2 mins @ 50Hz per 5x5cm area
	B	If any of the above appears on the head, scan the affected area for 4 mins @ 50Hz per 5x5cm area
2	Apply UNIVERSAL 3	

i If the animal becomes restless during treatments, you may switch OFF ultrasound for points on the head. Switch ON ultrasound once the animal is used to hearing it during treatments.

If the animal is showing discomfort, use the 980nm laser instead of the 905nm laser.

SECTION 2

SURGERY 3

5 mins +
Protocol time.

2 x daily
Until healed.

- **ABSCESSSES**
- **PHLEGMONS** – suppurative inflammation of tissue.
- **CARBUNCLES** – suppurative and painful inflammation of the subcutaneous tissue.
- **HIDRADENITIS** – inflammation of sweat gland.
- **FURUNCLES** – boils.
- **LACERATIONS**

1	A	If any of the above, with the exception of boils, are situated anywhere on the body or the face, except on the head, apply the Terminal to the surface of the skin in the affected area, and treat for 5 mins @ Variable setting (V), per 5x5cm area
	B	If any of the above appears on the head, treat the affected area for 5 mins @ 50Hz per 5x5cm area
2	A	In the case of boils, the boil should first be lanced and then washed clean with Colloidal Silver before commencing protocol
	B	Treat the boil for 5 mins @ 1000Hz and then for 5 mins @ 50Hz
3	Apply UNIVERSAL 3 in conjunction with step 1 or step 2	

i If the animal becomes restless during treatments, you may switch OFF ultrasound for points on the head. Switch ON ultrasound once the animal is used to hearing it during treatments.

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In treating the heart area NEVER use a frequency other than 5Hz.



SECTION 2

SURGERY 4

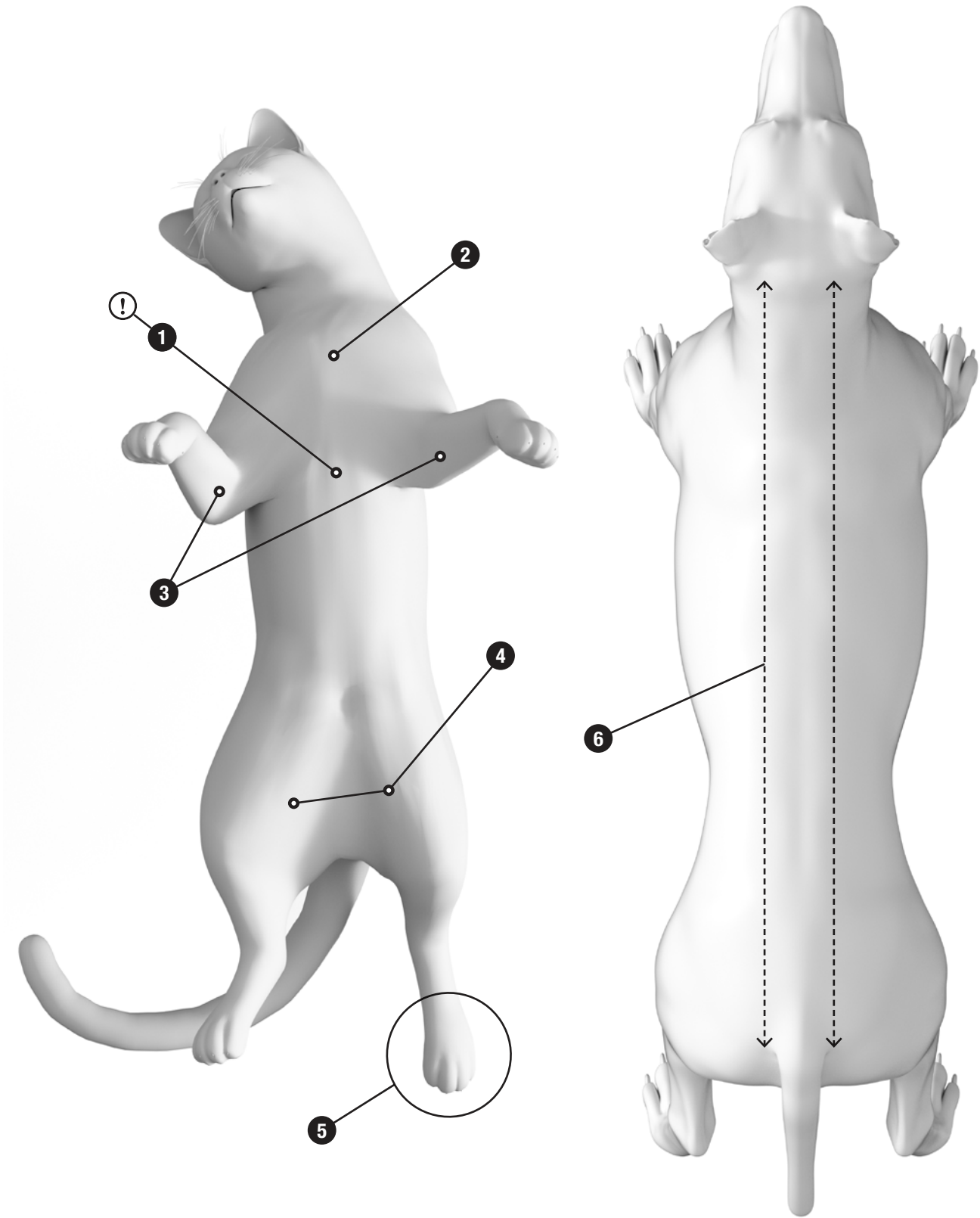
26 mins +
Protocol time.

2 x daily
Until improvement
is evident then continue
every 2nd day for 10 days.

- BURNS
- FROSTBITE
- TROPHIC ULCERS

PROTOCOL POINT	⌚ MINS (per point)	⚡ HZ
1 Heart	1	5
2 Top of sternum		
3 Ulnar arteries		
4 Femoral arteries		
5 Affected area	5 per 5x5cm	Day 1-4 @ 1000
		Day 5+ @ Variable (V)
6 Scan paravertebral zone	 2  5	1000

i If the animal is showing discomfort, use the 980nm laser instead of the 905nm laser.





Treat only the affected leg, but always starting with point 1.
If several legs are affected, then do point 1 only once.

In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 2

SURGERY 5

 **4 mins**

 **7 mins**



Protocol time.

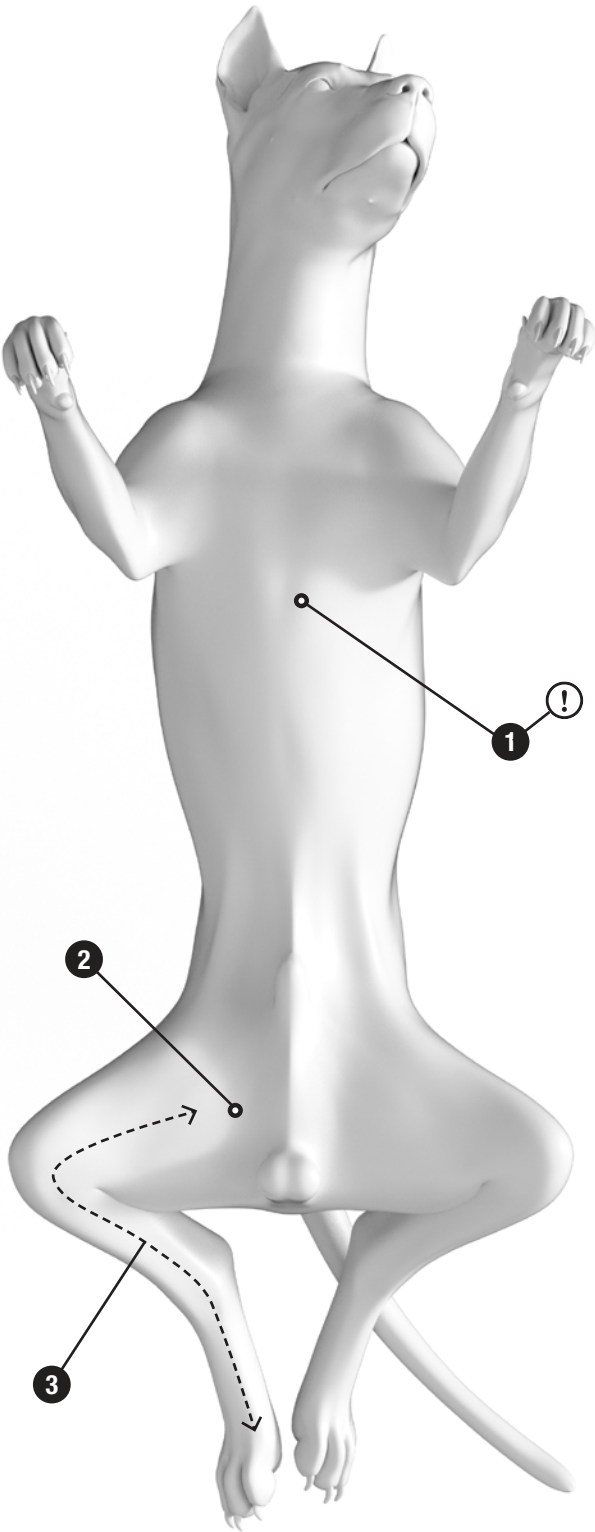
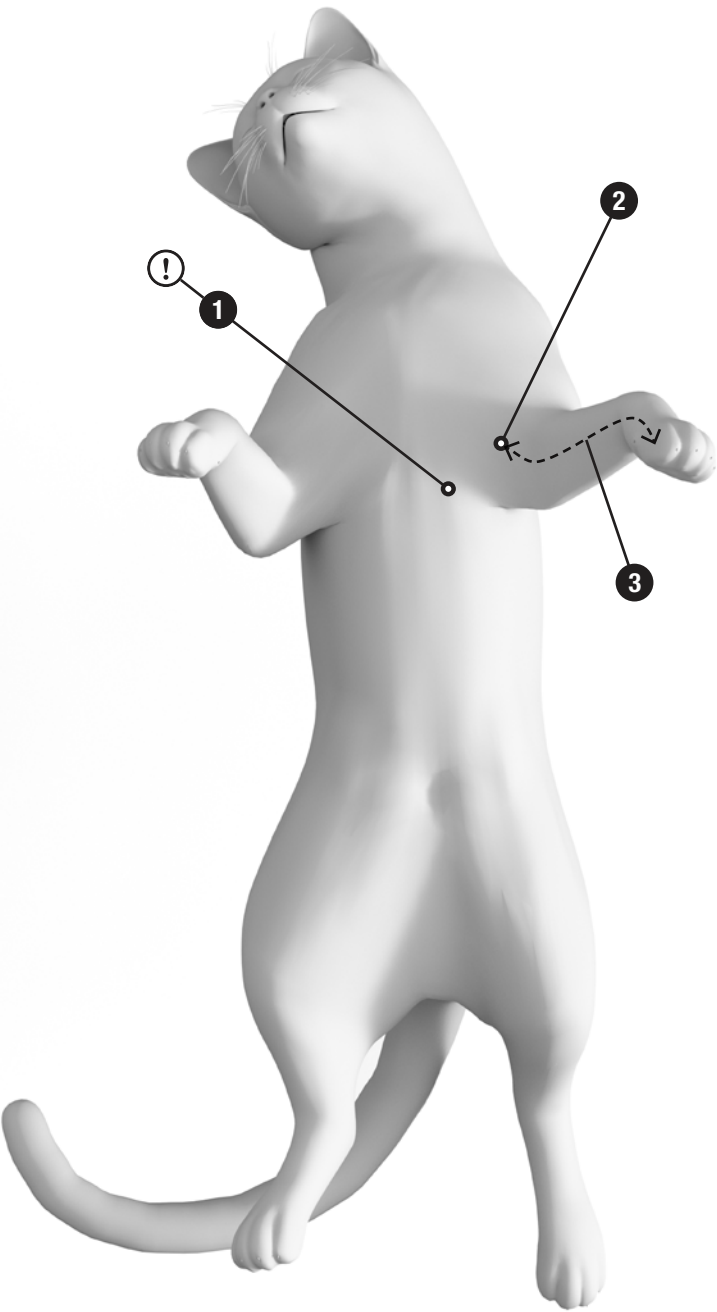
1 x daily

Every 2nd day for 20 days.

Allow 1 month rest and
repeat course if needed.

- DEEP VEIN THROMBOSIS
- OEDEMA OF LEGS (in conjunction with [SURGERY 2](#)).

PROTOCOL POINT	⌚ MINS (per point)	📡 HZ
1 Heart	1	5
2 Nearest large artery		
3 Scan the affected leg on the inside	 2	 5
		Variable (V)



SECTION 3

TRAUMATOLOGY

Arthritis, muscles,
joints and tendons



IMPORTANT

1

coMra therapy is particularly good for fractures, dislocations and other trauma. However, bandages and plaster casts will distort the radiances, and render the protocol ineffective. Therefore bandages should be removed prior to treatment, and then put back after the treatment. Plaster casts should have a hole cut the same size as the Terminal, directly opposite the fracture in order to facilitate using coMra therapy.

2

Skin scabs and ossification of bones develop very rapidly. In the case of bone fractures coMra treatment also prevents deformation that can result from poor adhesion.

3

For rheumatoid joint inflammations it is necessary to do treatments for joints in conjunction with [IMMUNOLOGY 1](#) protocol.

4

In treating the heart area NEVER use a frequency other than 5Hz.

5

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

6

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.

7

Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease. However, if the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 3

TRAUMATOLOGY 1

 **13 mins**

 **23 mins**



Protocol time.

1 x daily

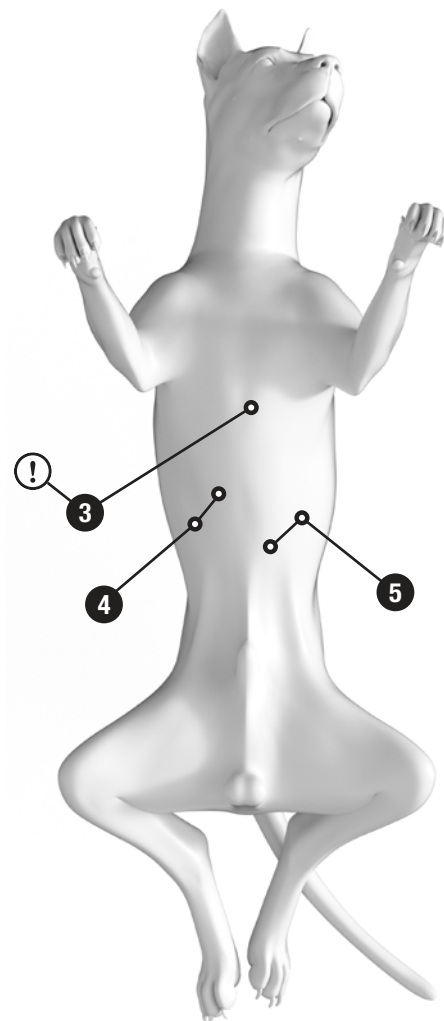
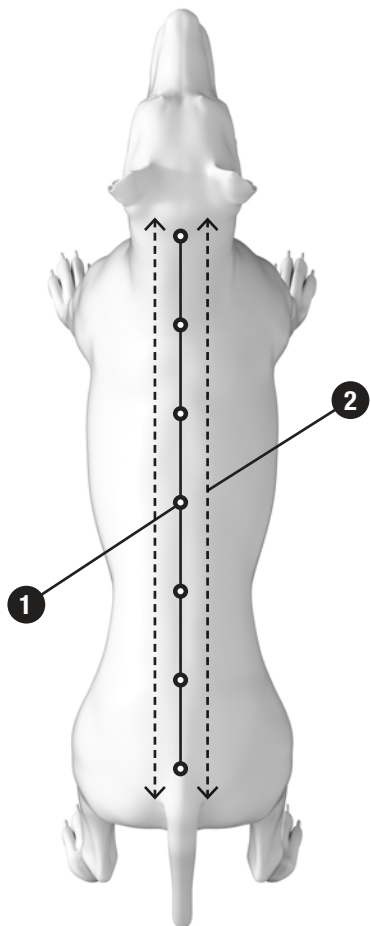
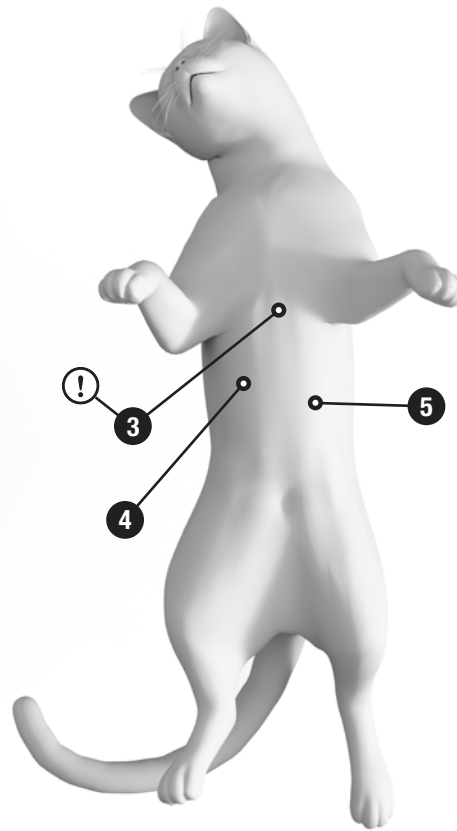
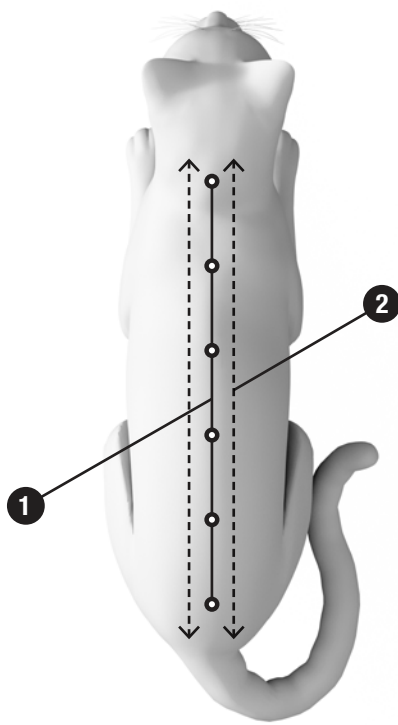
For 14 days.

Allow 1 month rest and repeat course if necessary.

- DEFORMING DEGENERATIVE SPINAL DISEASES
- RETARDATION OF BONE GROWTH IN YOUNG ANIMALS
- OSTEOPOROSIS – deterioration of bones.
- SCOLIOSIS, LORDOSIS, KYPHOSIS
- OSTEOARTHRITIS OF THE SPINE – osteophyte formation.

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
➊ From coccyx to occiput at 10cm intervals	1		1000
➋ Scan along both sides of vertebral column	 2	 5	50
➌ Heart	1		5
➍ Liver	1		50
➎ Pancreas			
Apply <u>UNIVERSAL 3</u>			

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.





SECTION 3

TRAUMATOLOGY 2

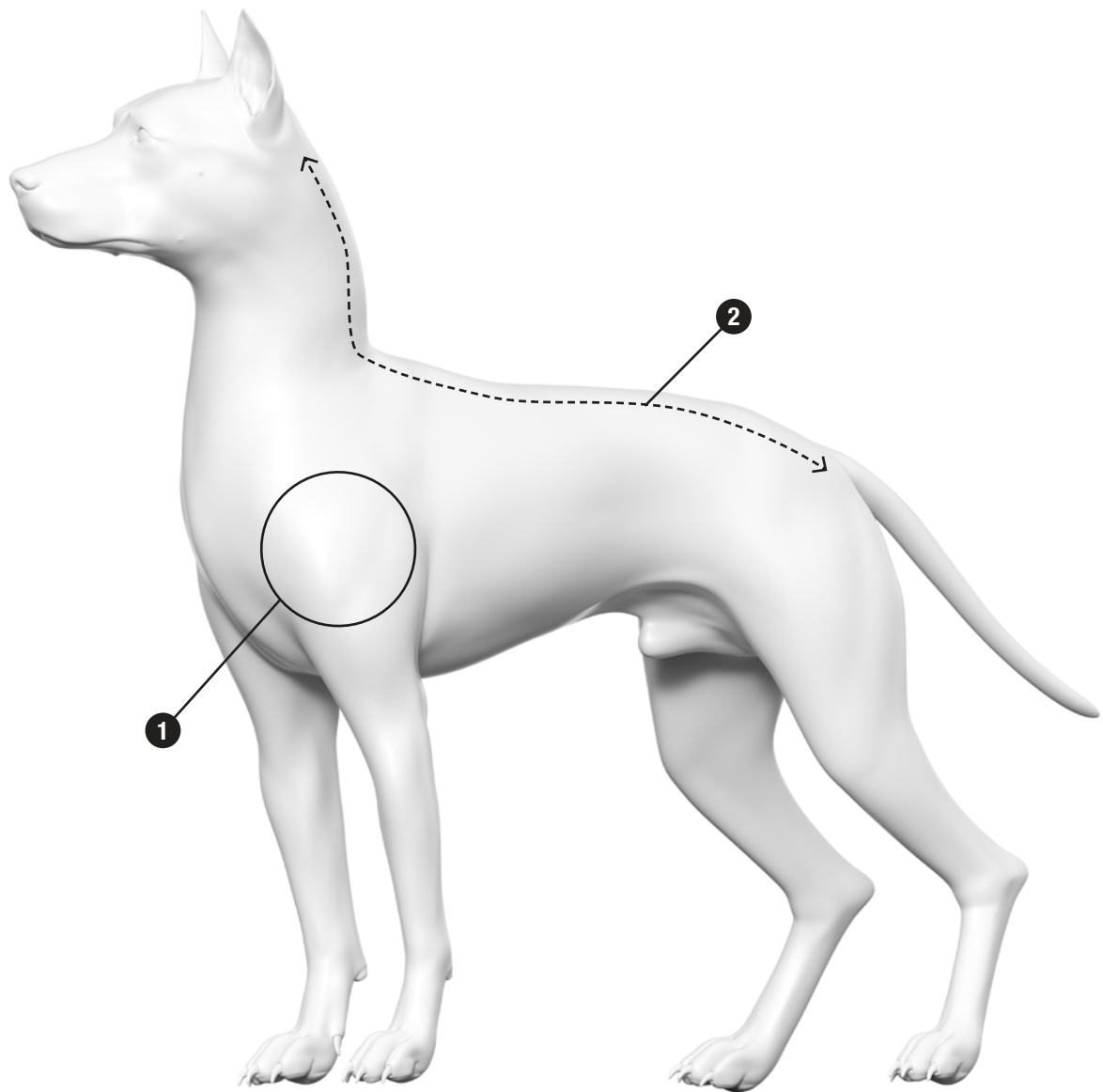
9 mins ±
Protocol time.

1 x daily
Until full recovery.

- MYOSITIS – inflammation of muscles.
- MUSCLE WEAKNESS
- MUSCLE PAIN
- MUSCLE INJURY

PROTOCOL POINT	⌚ MINS (per point)	⚡ HZ
1 Scan the affected muscles	5 per 5x5cm	Variable (V)
2 Scan paravertebral zone, both sides	<div>  2 <div>  5 </div> </div>	1000

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.



SECTION 3

TRAUMATOLOGY 3

4 mins

Protocol time.

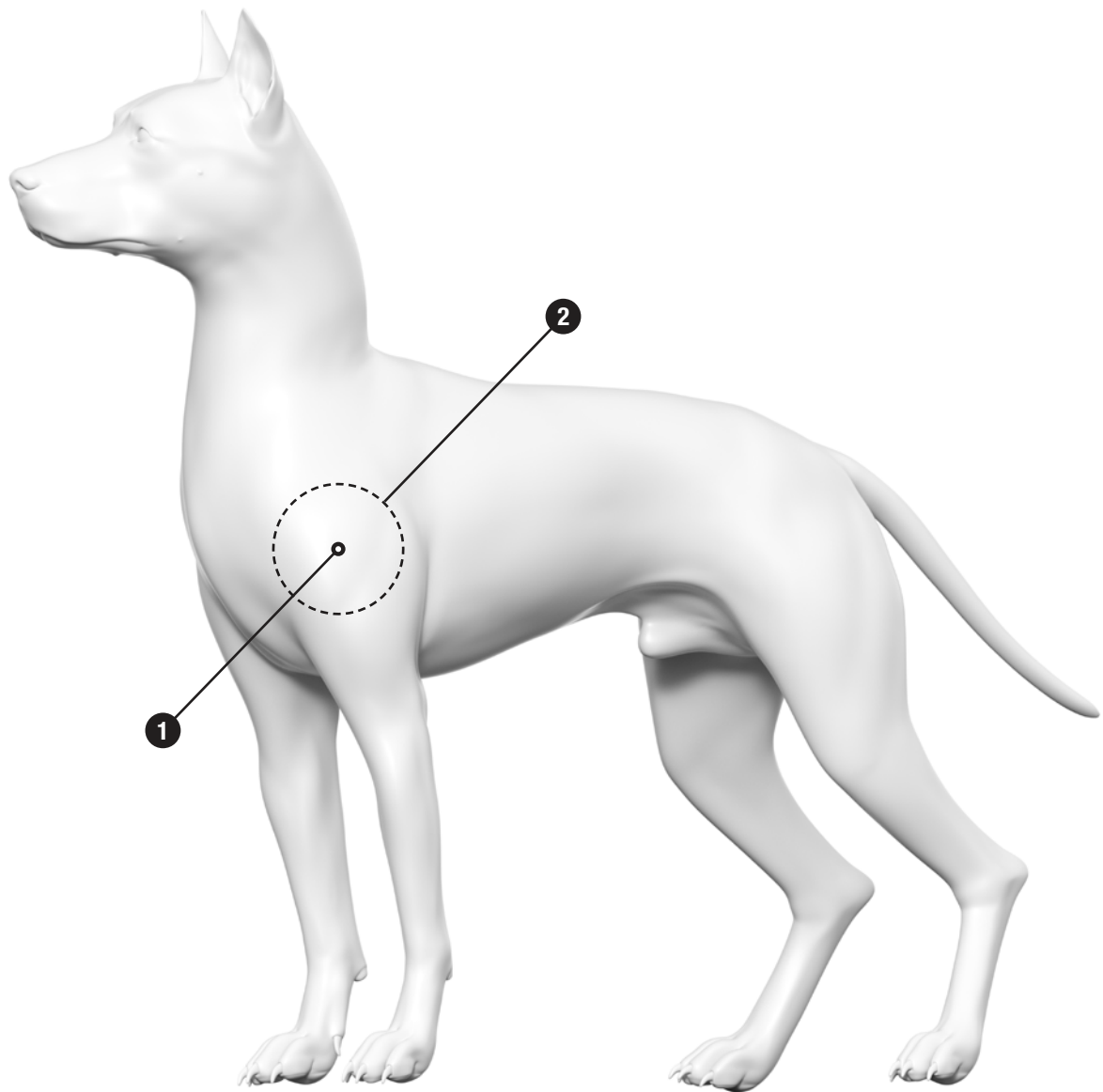
1 x daily

Until full recovery.

- SHOULDER PAIN, INJURY
- SHOULDER BURSITIS
- SHOULDER ARTHRITIS

PROTOCOL POINT	 MINS	 HZ
1 Acromion area	1	5 then 50
2 Scan around the acromion area	2	Variable (V)

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.



SECTION 3

TRAUMATOLOGY 4

 **6** mins

 **13** mins







Protocol time.

1 x daily

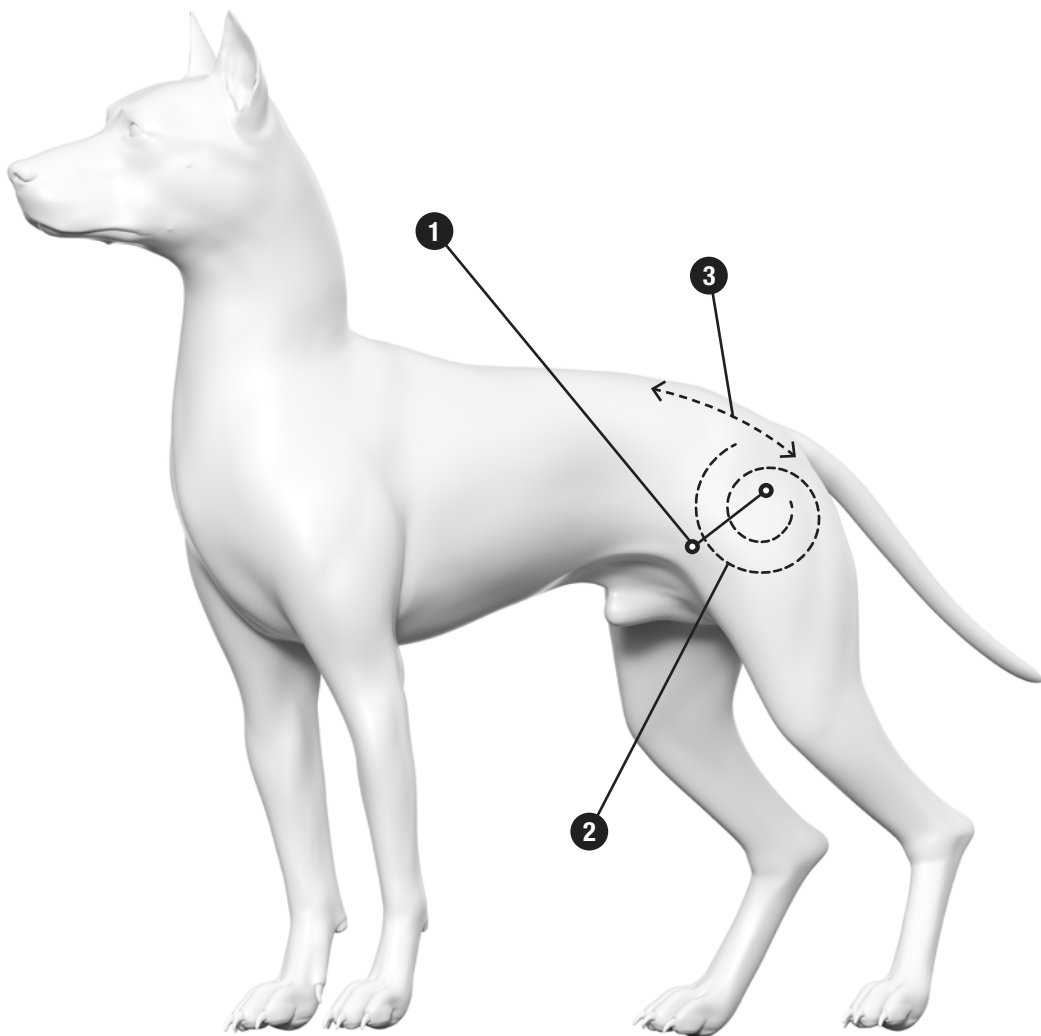
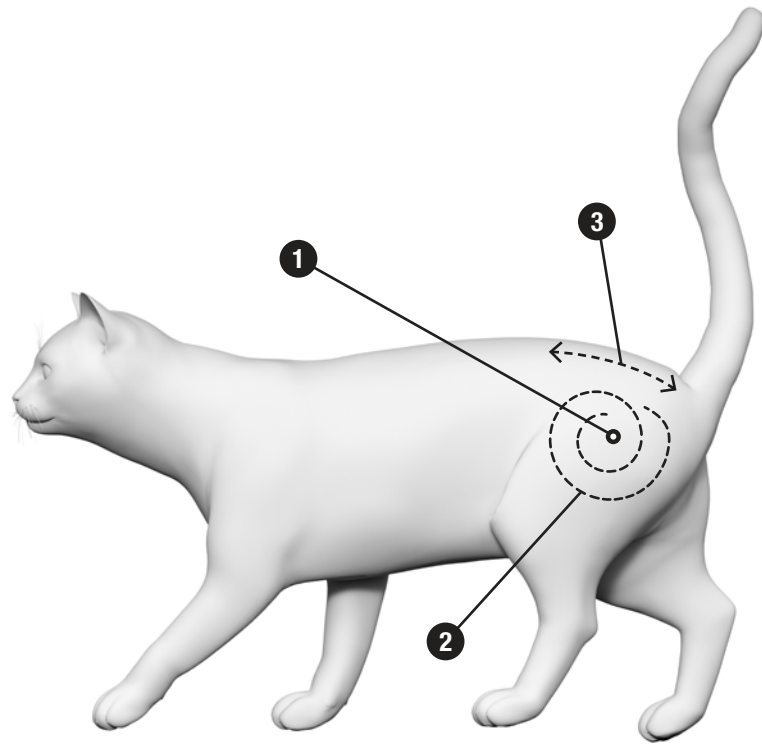
For 14 days.

Allow 3 weeks rest and repeat cycle with 3 weeks rest between courses, until full relief is achieved.

- HIP JOINT INJURIES AND PROBLEMS
- HIP JOINT ARTHRITIS
- HIP DYSPLASIA

PROTOCOL POINT		⌚ MINS (per point)	📡 HZ
1	 Head of the femur, side	1	5 then 50
	 Head of femur, side and front		
2	Scan around the hip joint	 2	 5 Variable (V)
3	Scan sacrum paravertebral zone, both sides	 1	 2 1000

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.



SECTION 3

TRAUMATOLOGY 5



5 mins

Protocol time.

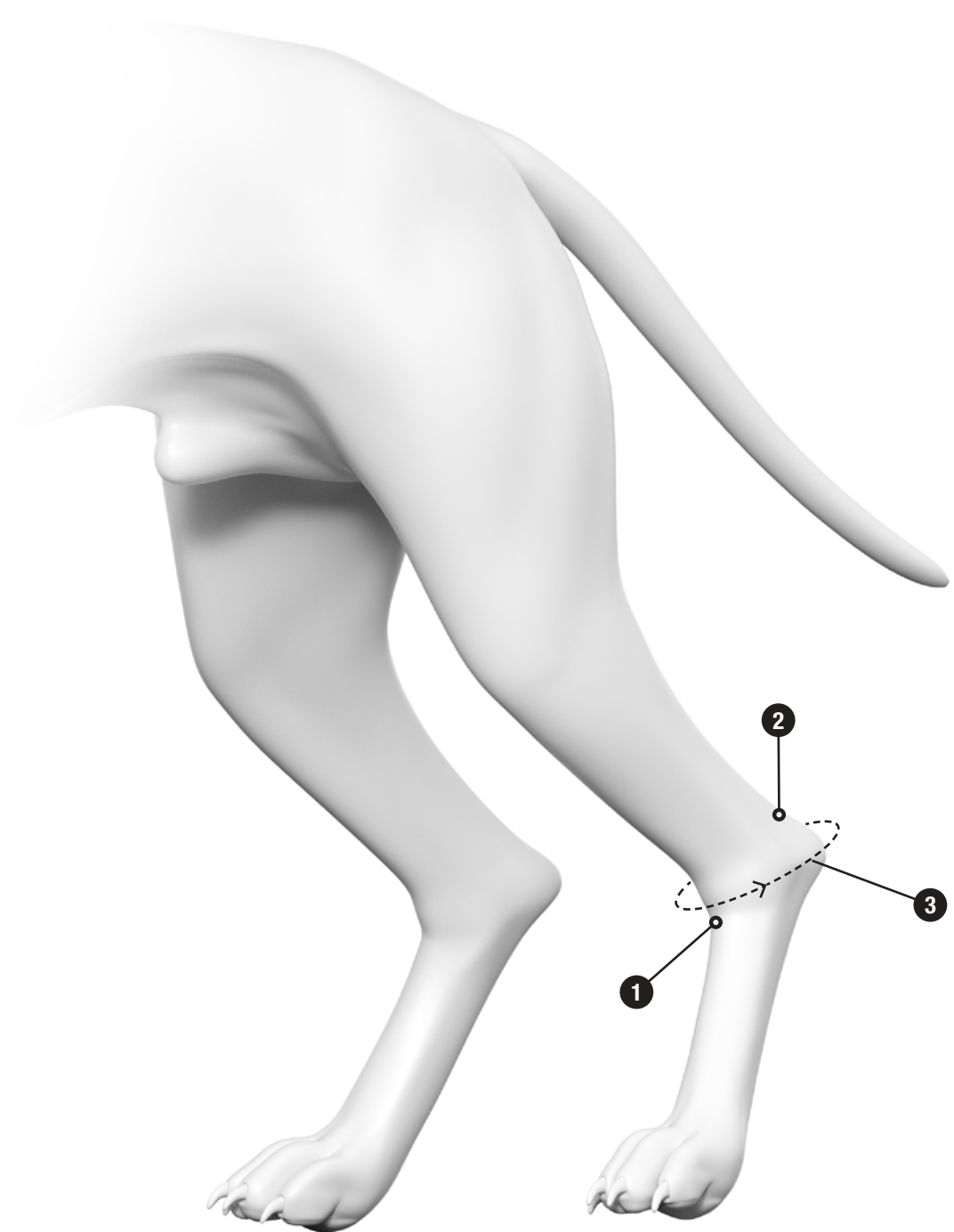
1 x daily

Until full recovery.

- PROBLEMS AND INJURIES OF THE ELBOW JOINT
- PROBLEMS AND INJURIES OF THE KNEE JOINT
- PROBLEMS AND INJURIES OF THE CARPAL JOINT
- PROBLEMS AND INJURIES OF THE HOCK JOINT
- OSTEOARTHRITIS OF A JOINT
- OSTEOPHYTE FORMATION (in conjunction with [UNIVERSAL 3](#)).
- JOINT SPRAIN (in conjunction with [UNIVERSAL 3](#)).
- HYGROMA

PROTOCOL POINT	 MINS	 HZ
1 Front of the joint	1	5 then 50
2 Back of the joint		
3 Scan around the affected joint	1	Variable (V)

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.



SECTION 3

TRAUMATOLOGY 6

 **6 mins**



 **12 mins**

Protocol time.

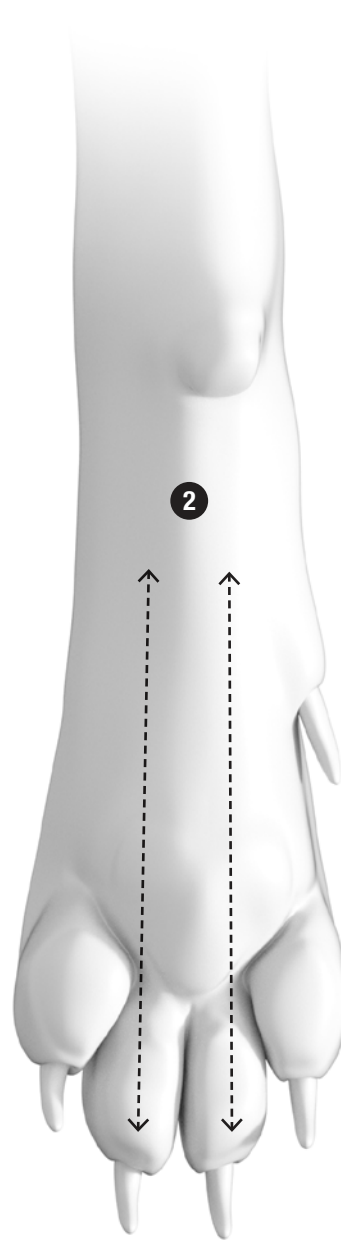
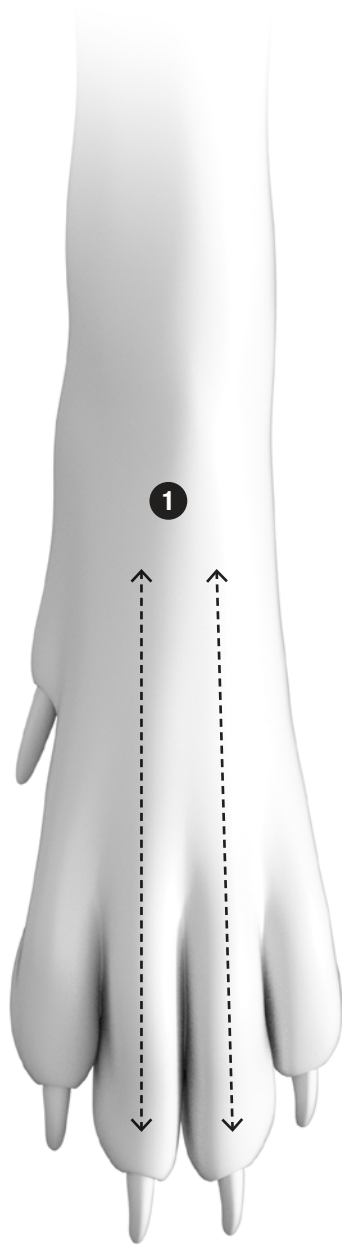
1 x daily

Until full recovery.

- PROBLEMS AND INJURIES OF BONES, LIGAMENTS OF THE CARPUS, METACARPUS, PHALANGES, TARSAL, METATARSAL, SESAMOID BONES

PROTOCOL POINT	⌚ MINS (per line)		📡 HZ
1 Scan top of paw	 1	 2	5, 50 then 1000
2 Scan sole of paw			

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.



SECTION 3

TRAUMATOLOGY 7



7 mins

Protocol time.

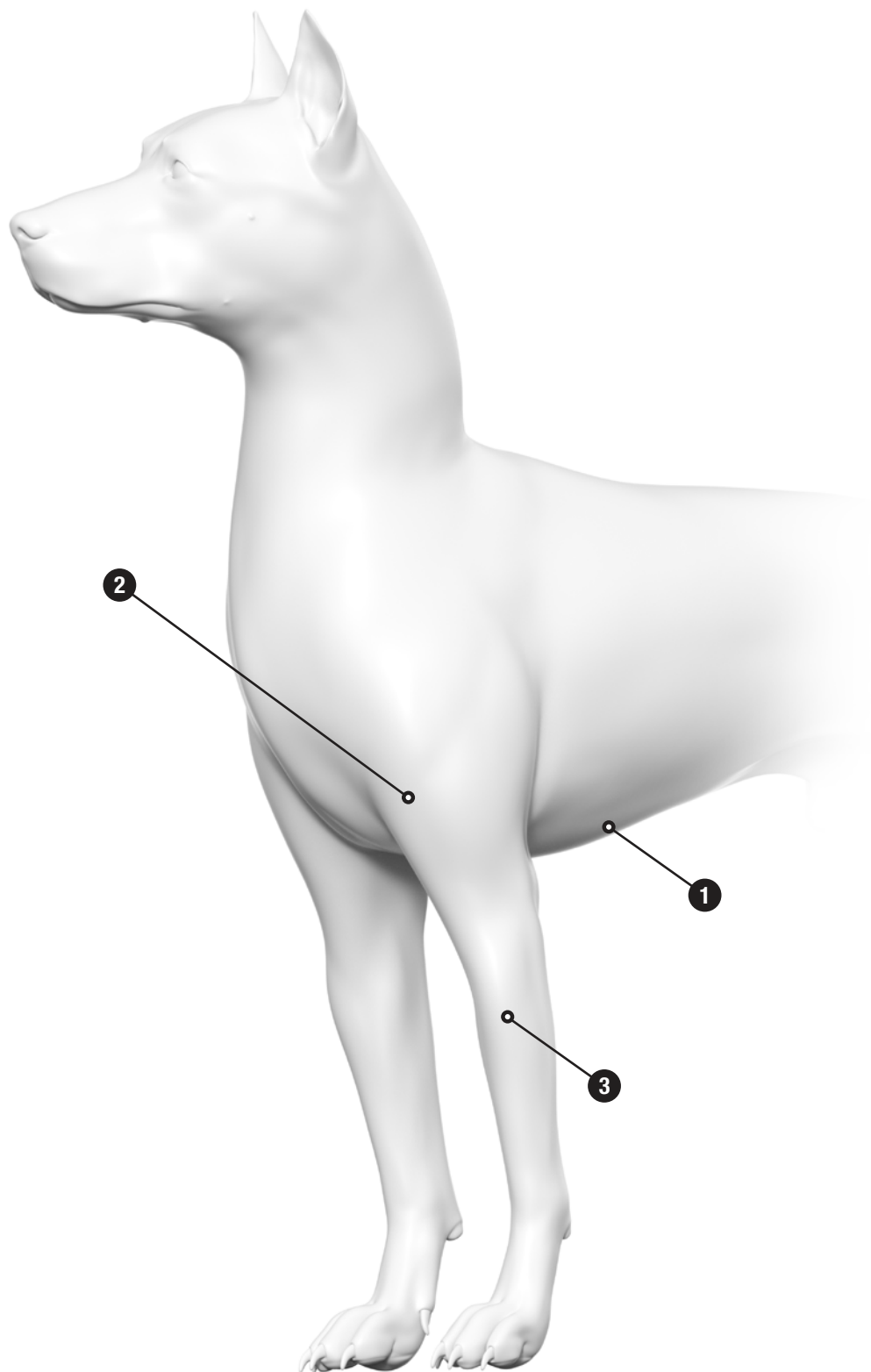
2 x daily

Until full recovery.

• TRAUMATIC BONE FRACTURES

PROTOCOL POINT	 MINS	 HZ
1 Heart	1	5
2 Blood irradiation at a point closest to the fracture	2	5
3 Fracture	2	Day 1-4 @ 1000
		Day 5+ @ Variable (V)
Apply <u>UNIVERSAL 3</u>		

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.



SECTION 3

TRAUMATOLOGY 8



12 mins

Protocol time.

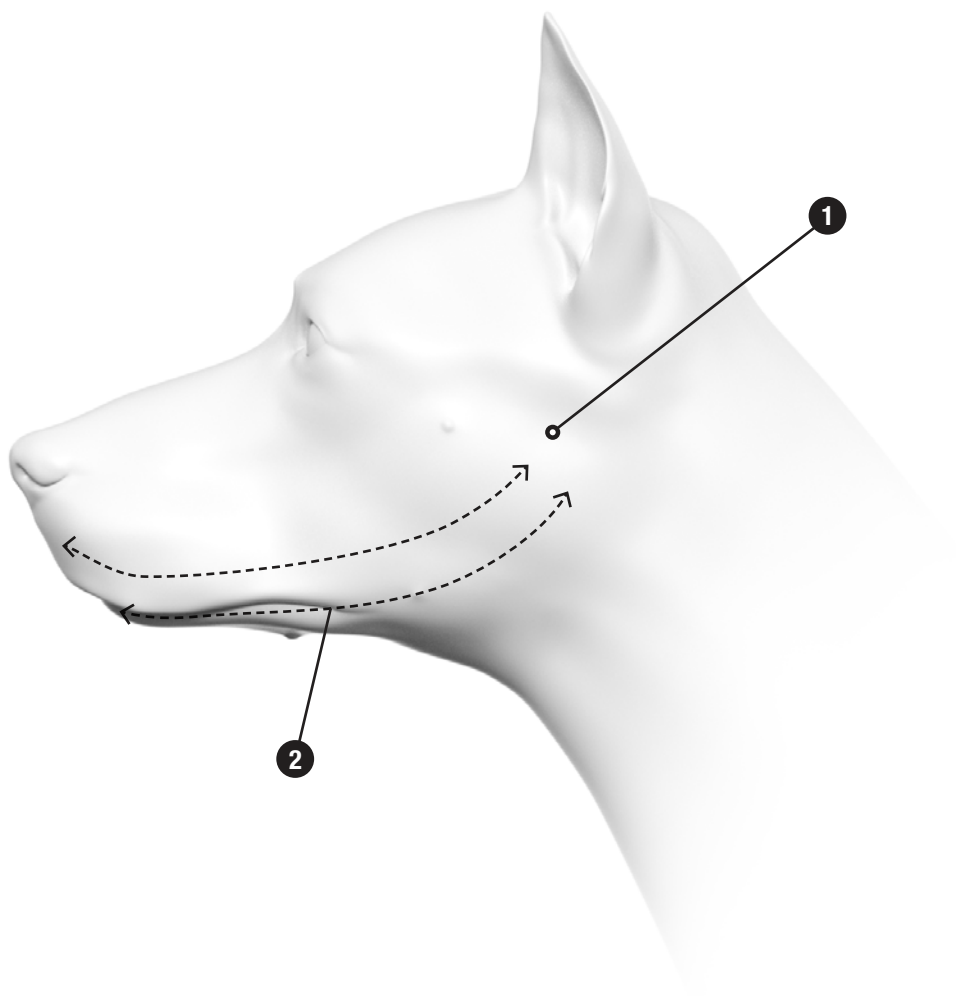
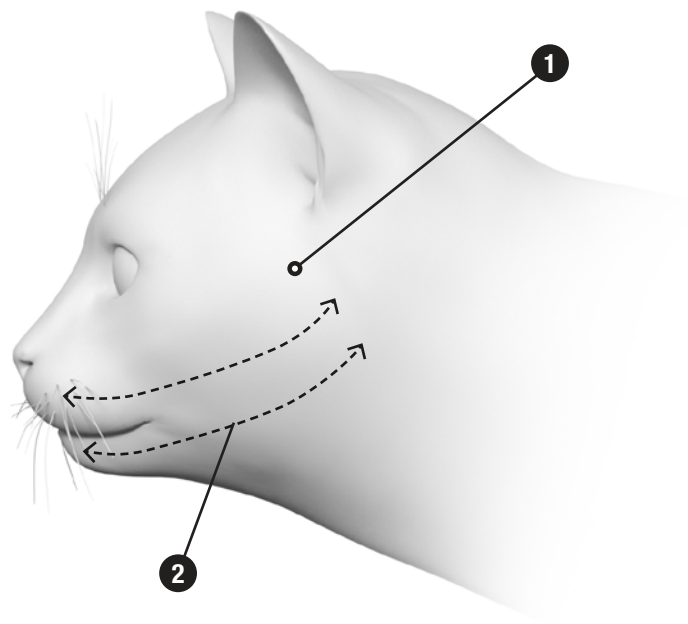
1 x daily

Until full recovery.

- ARTHRITIS OF JAW.
- DISLOCATION OF JAW
- DENTAL PATHOLOGIES

PROTOCOL POINT	 MINS	 HZ
1 Joint (both sides)	2	5
2 Scan along both jaws		50 then Variable (V)

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.





SECTION 3

TRAUMATOLOGY 9

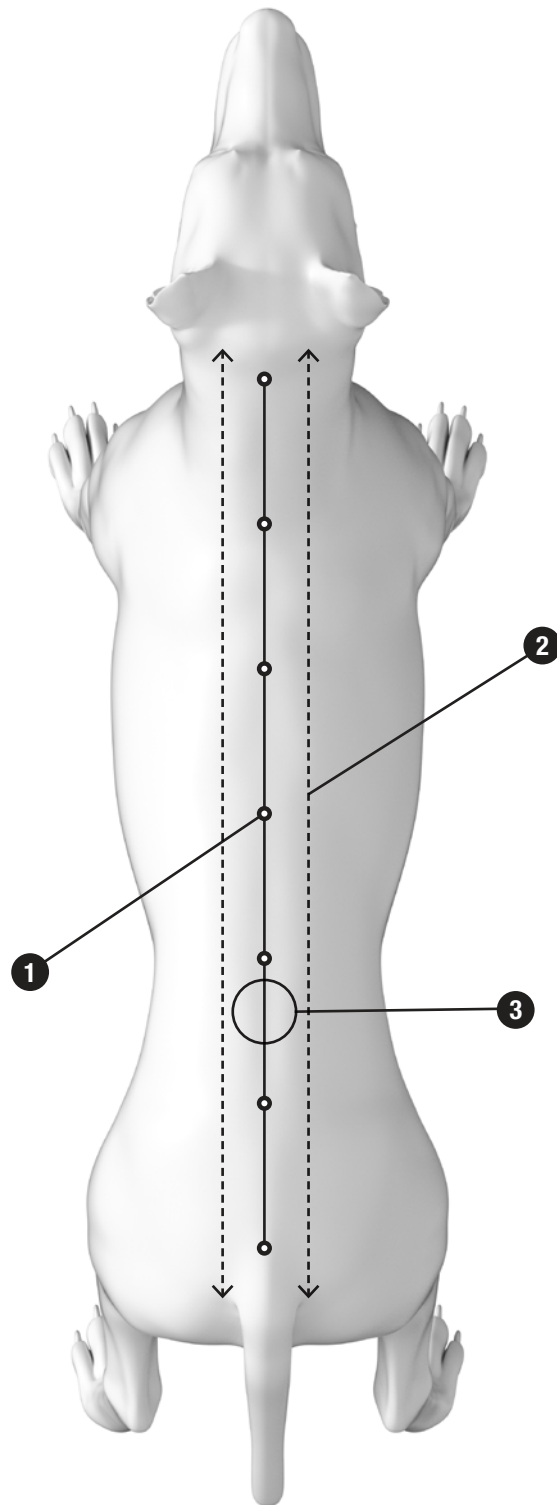
13 mins ±
Protocol time.

1 x daily
Every 2nd day until
full recovery.

- SPONDYLOLISTHESIS
- ANKYLOSING SPONDYLITIS
- SPINAL DISC HERNIATION
- SPINAL STENOSIS

PROTOCOL POINT	⌚ MINS		📡 HZ
➊ From coccyx to occiput at 10cm intervals	1		1000
➋ Scan along both sides of vertebral column	 2	 5	Variable (V)
➌ The area of the affected disc/vertebrae	2		50

i Treating the musculoskeletal system with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious injury or disease.





To make the treatment of the muscles somewhat easier some of the muscles have been grouped where possible, so that one point of irradiation serves to irradiate more than one muscle.

SECTION 3

TRAUMATOLOGY 10

28 mins

Protocol time.



1 x daily

Every 2nd day for 20 days.

Then allow a period of 2 weeks rest before repeating the course if necessary.

• POLYMYOSITIS

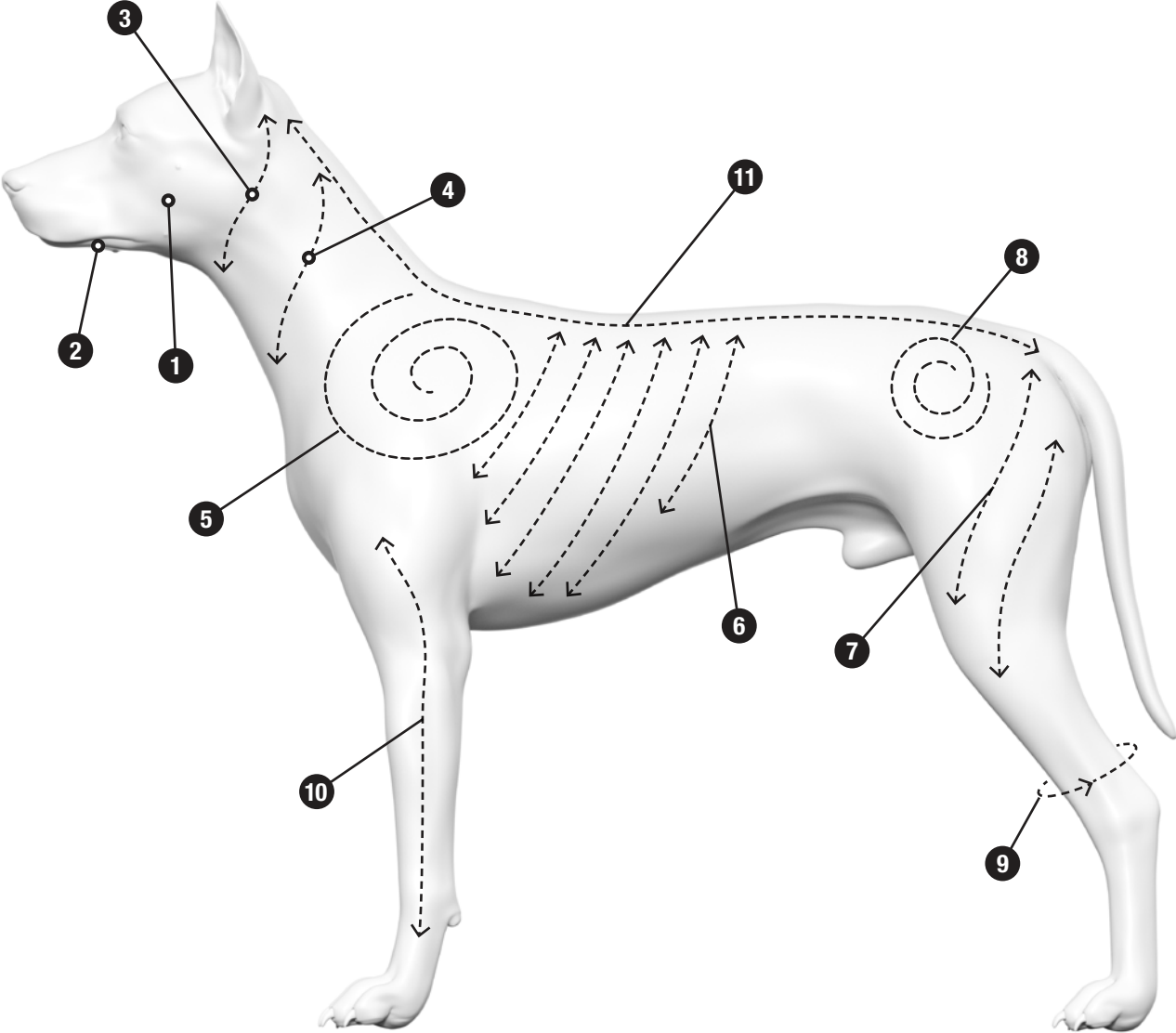
TREAT MUSCLES ON BOTH SIDES OF THE BODY

PROTOCOL POINT	 MINS	 HZ
➊ Mastication muscles	1	Variable (V)
➋ Digastric muscles		
➌ Parotidomandibular muscles		
➍ Brachiocephalic muscles		
➎ Trapezius muscles		
➏ Intercostal muscles	3	
➐ Biceps femoris muscles	1	
➑ Gluteal muscles		
➒ Gastrocnemius muscles		
➓ Anconeus muscles		
➙ Muscles along the spine	2	

Apply **UNIVERSAL 3** every day

i For points 1-11 use coMra Delta with the Aesthetic Terminal or coMra Pro in Vitality Mode.

For UNIVERSAL 3 use coMra Delta with the Medical Terminal or coMra Pro in Healing Mode.



SECTION 4

OTORHINOLARYNGOLOGY

Ear, nose and throat



IMPORTANT

1

All ear, nose and throat diseases are best treated by also using [UNIVERSAL 4](#) in conjunction with the prescribed protocol.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

Treating ear, nose and throat with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.

SECTION 4

OTORHINOLARYNGOLOGY 1

 **4 mins**

 **8 mins**

Protocol time.





1 x daily

For 10 days.

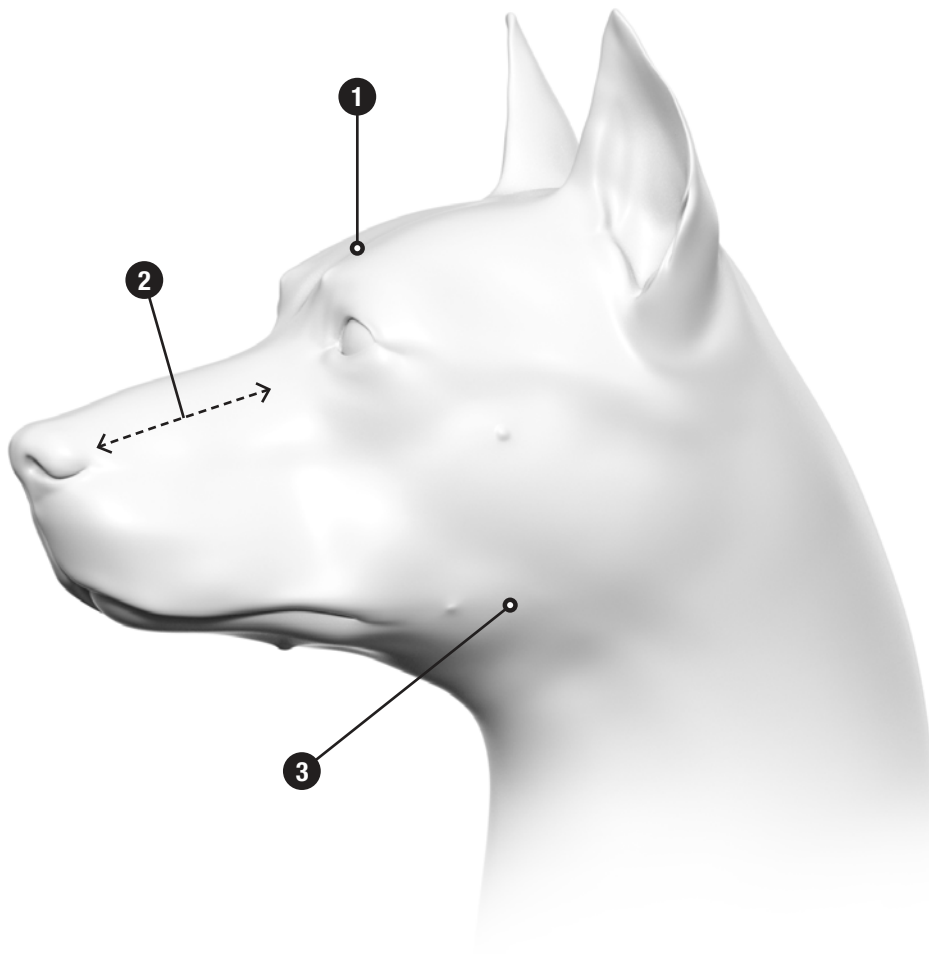
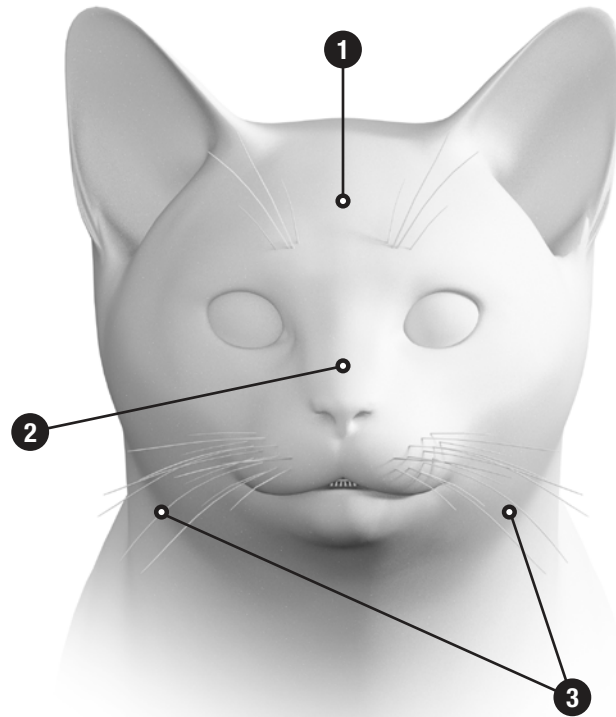
Do 2-3 times per day during the acute phase of the disease in the beginning, when the symptoms are pronounced.

Allow 1 month rest and repeat course if needed.

- **RHINITIS** – runny nose.
- **INFLAMMATION OF THE NASAL MUCOSA**
- **RHINOPLASTY** – recovery after surgery.

PROTOCOL POINT		⌚ MINS (per point)	📡 HZ
1	Frontal sinus	 1  2	50
2	 Nasal passage	1	Variable (V)
	 Scan nasal passage	1 per side	
3	Tonsils	2 per side	50

i Treating ear, nose and throat with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.



SECTION 4

OTORHINOLARYNGOLOGY 2

7 mins

Protocol time.

1 x daily

For 10 days.

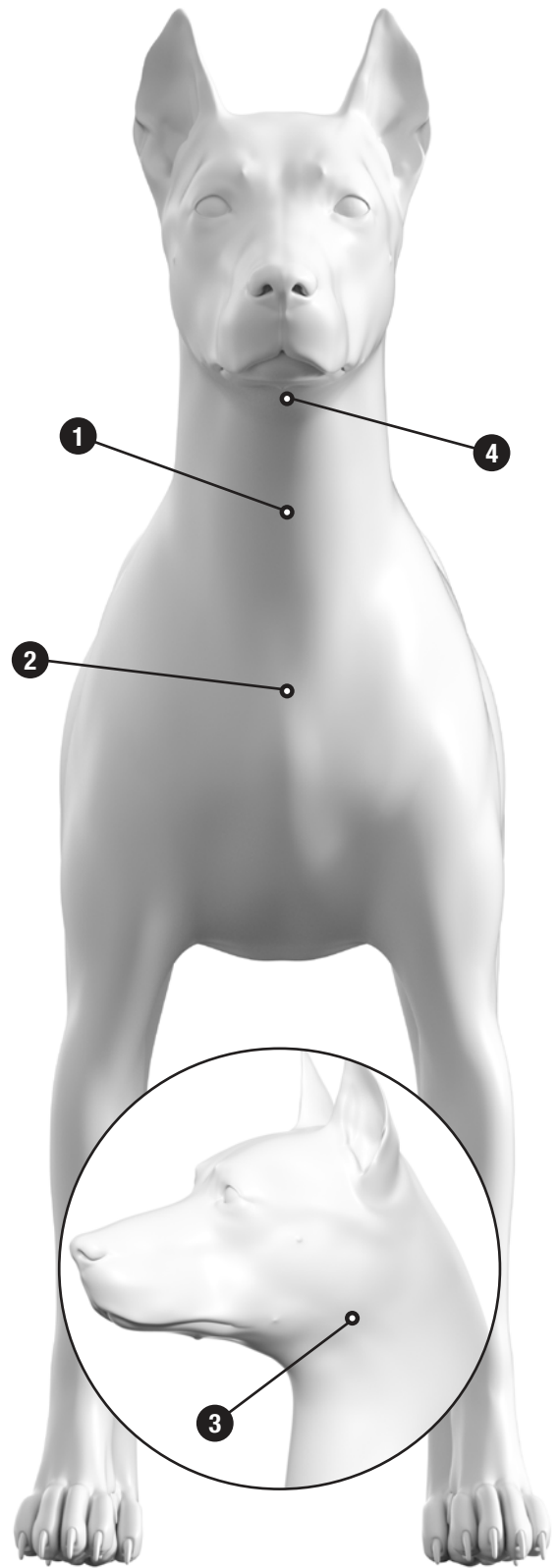
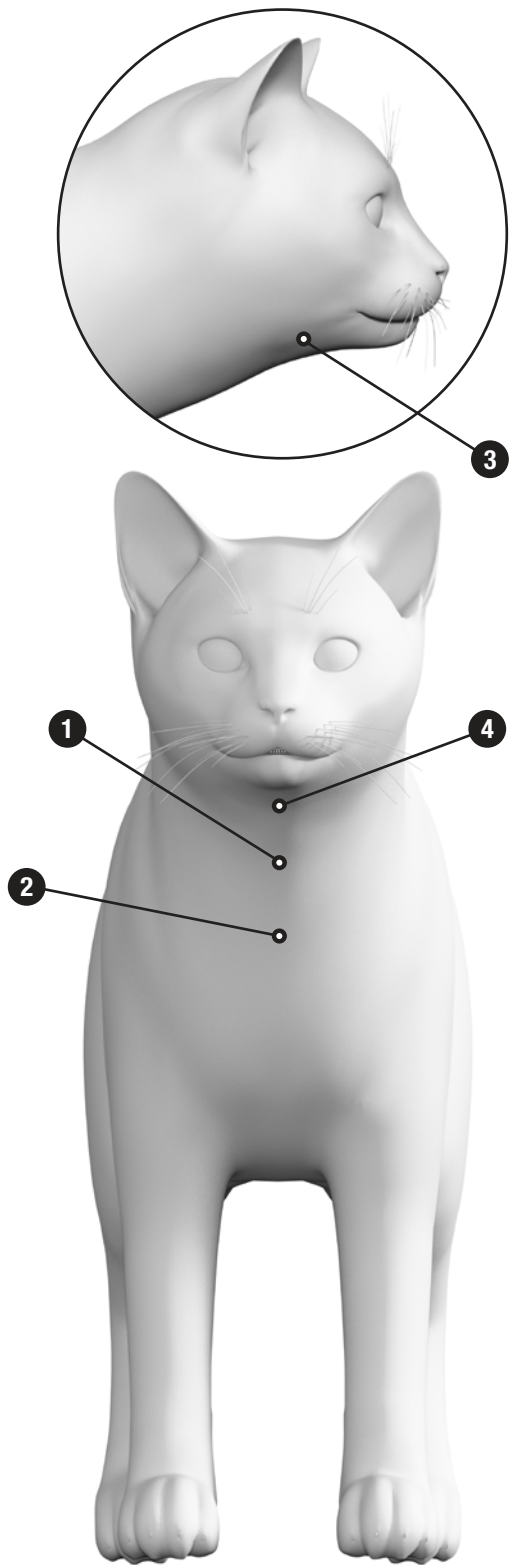
Do 2-3 times per day during the acute phase of the disease in the beginning, when the symptoms are pronounced.

Allow 1 month rest and repeat course if needed.

- INFLAMMATION OF THE THROAT AND THE LARYNX
- PHARYNGITIS – sore throat.
- LARYNGOTRACHEITIS

PROTOCOL POINT	 MINS	 HZ
1 Trachea on thyroid level	2	50
2 Top of sternum	1	5
3 Tonsils (both sides)	1	50
4 Epiglottis	2	Variable (V)

i Treating ear, nose and throat with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.



SECTION 4

OTORHINOLARYNGOLOGY 3

6 mins

Protocol time.

1 x daily

For 14 days.

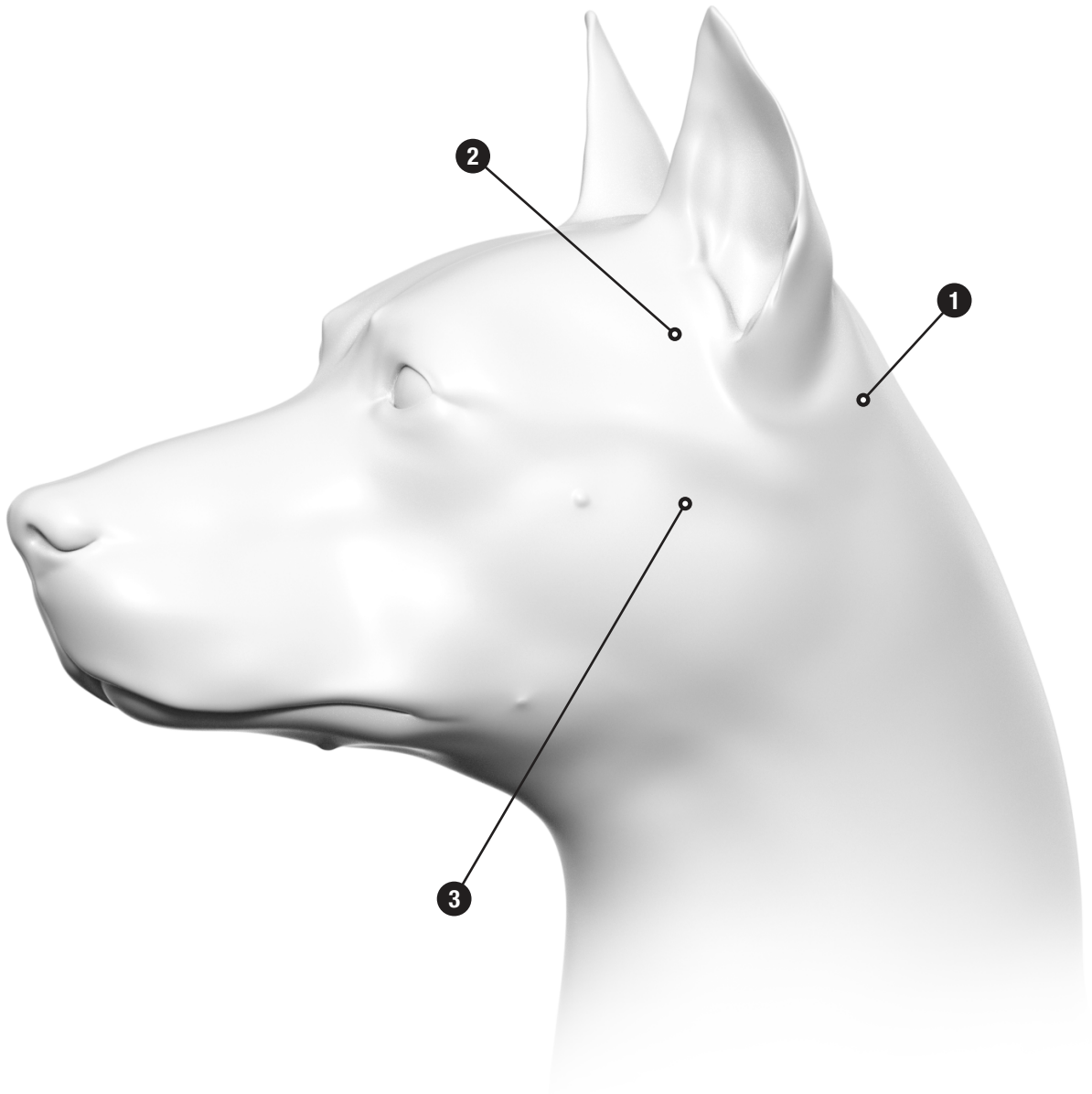
Do 2-3 times per day during the acute phase of the disease in the beginning, when the symptoms are pronounced.

Allow 1 month rest and repeat course if needed.

- INFLAMMATION IN THE EAR
- DISEASES AND INJURY OF THE EARDRUM
- PARTIAL LOSS OF HEARING
- OTITIS

PROTOCOL POINT	⌚ MINS	📡 HZ
1 Behind the auricle (both sides)	1	5
2 In front of the auricle (both sides)		50
3 Parotid gland	1	Variable (V)

i Treating ear, nose and throat with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.



SECTION 4

OTORHINOLARYNGOLOGY 4

6 mins



Protocol time.

1 x daily

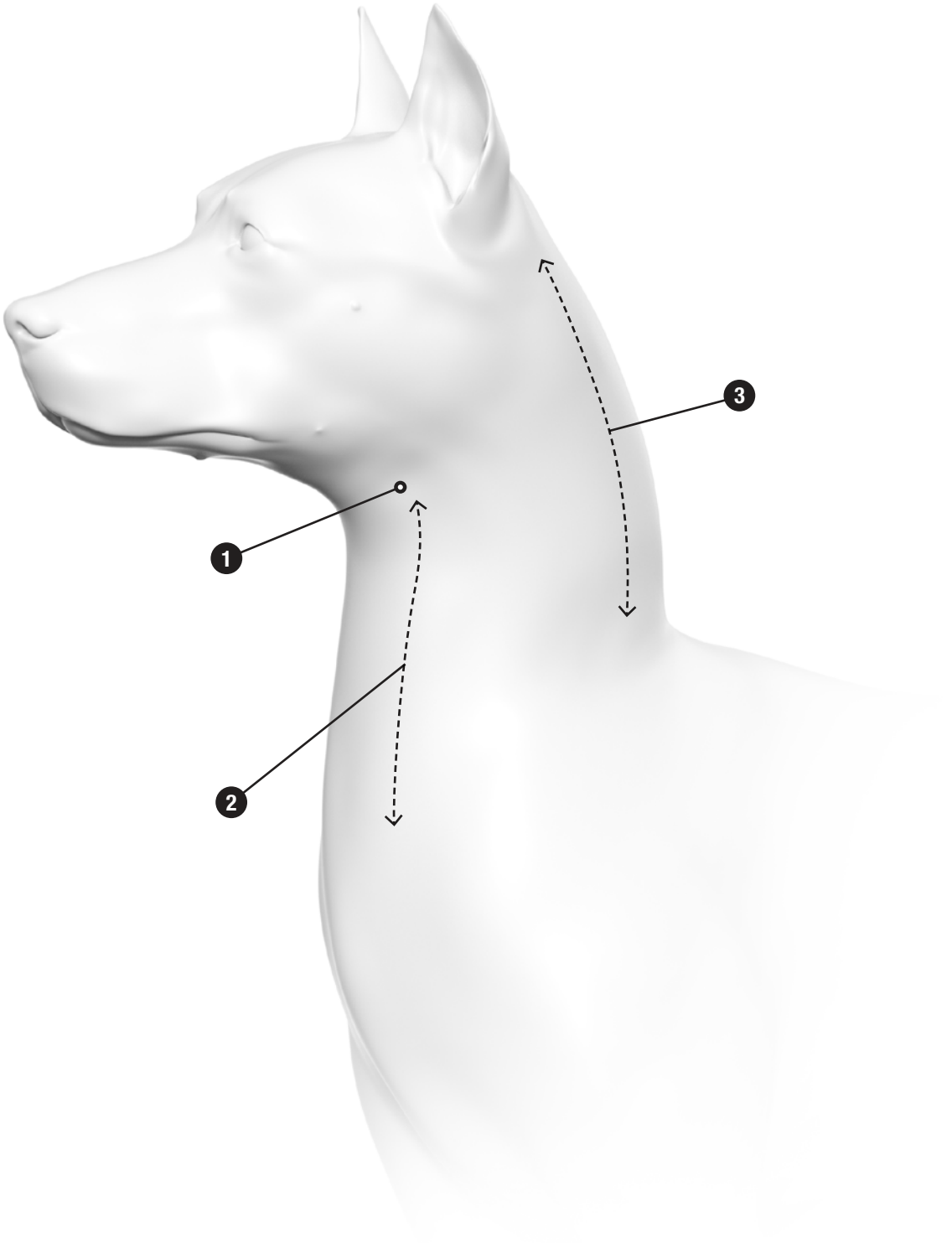
Every 2nd day for 10 days.

Allow 1 month rest and repeat course if needed.

- **LARYNGITIS** – inflammation of the mucous membranes of the larynx and vocal cords (in conjunction with [OTORHINOLARYNGOLOGY 2](#)).

PROTOCOL POINT	 MINS	 HZ
1 Vocal chords (both sides)	1 per side	50
2 Scan along trachea (both sides)		Variable (V)
3 Scan back of the neck on both sides of the vertebral column		1000

i Treating ear, nose and throat with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.



SECTION 5

STOMATOLOGY

Mouth, gums
and teeth



IMPORTANT

1

All ear, nose and throat diseases are best treated by also using [UNIVERSAL 4](#) in conjunction with the prescribed protocol.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

Treating ear, nose and throat with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.

SECTION 5

STOMATOLOGY 1

9 mins



Protocol time.

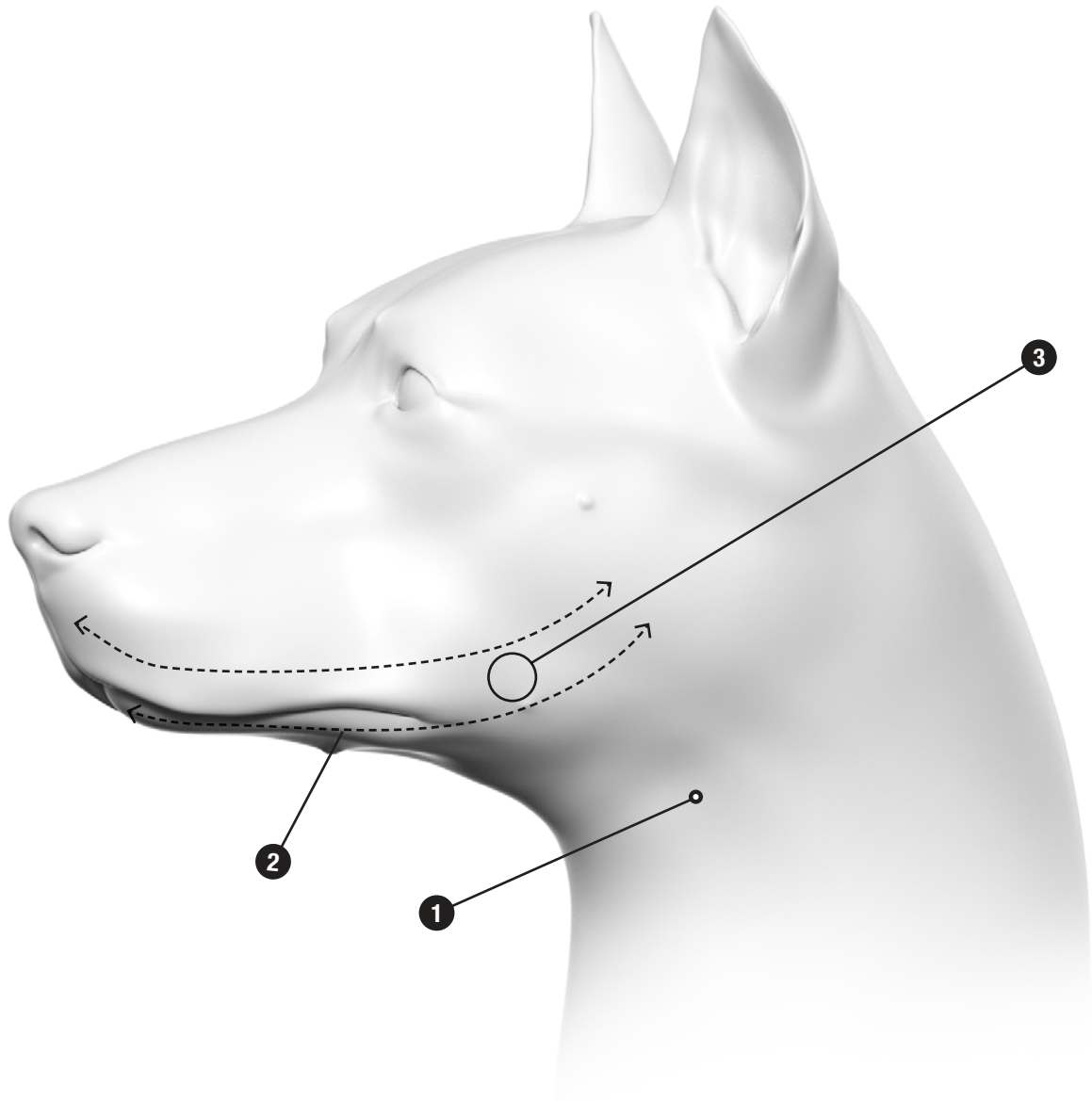
1 x daily

For 10 days.

Allow 1 month rest and repeat course if needed.

- **GINGIVITIS** – inflammation of the gums.
- **GINGIVOSTOMATITIS** – inflammation of the mouth and gums.
- **RECOVERY FROM DENTAL SURGERY**

PROTOCOL POINT	 MINS	 HZ
1 Carotid arteries (both sides)	2	5
2 Scan along top and bottom jaws	2	Variable (V)
3 Area of surgery	1	50



SECTION 5

STOMATOLOGY 2



7 mins

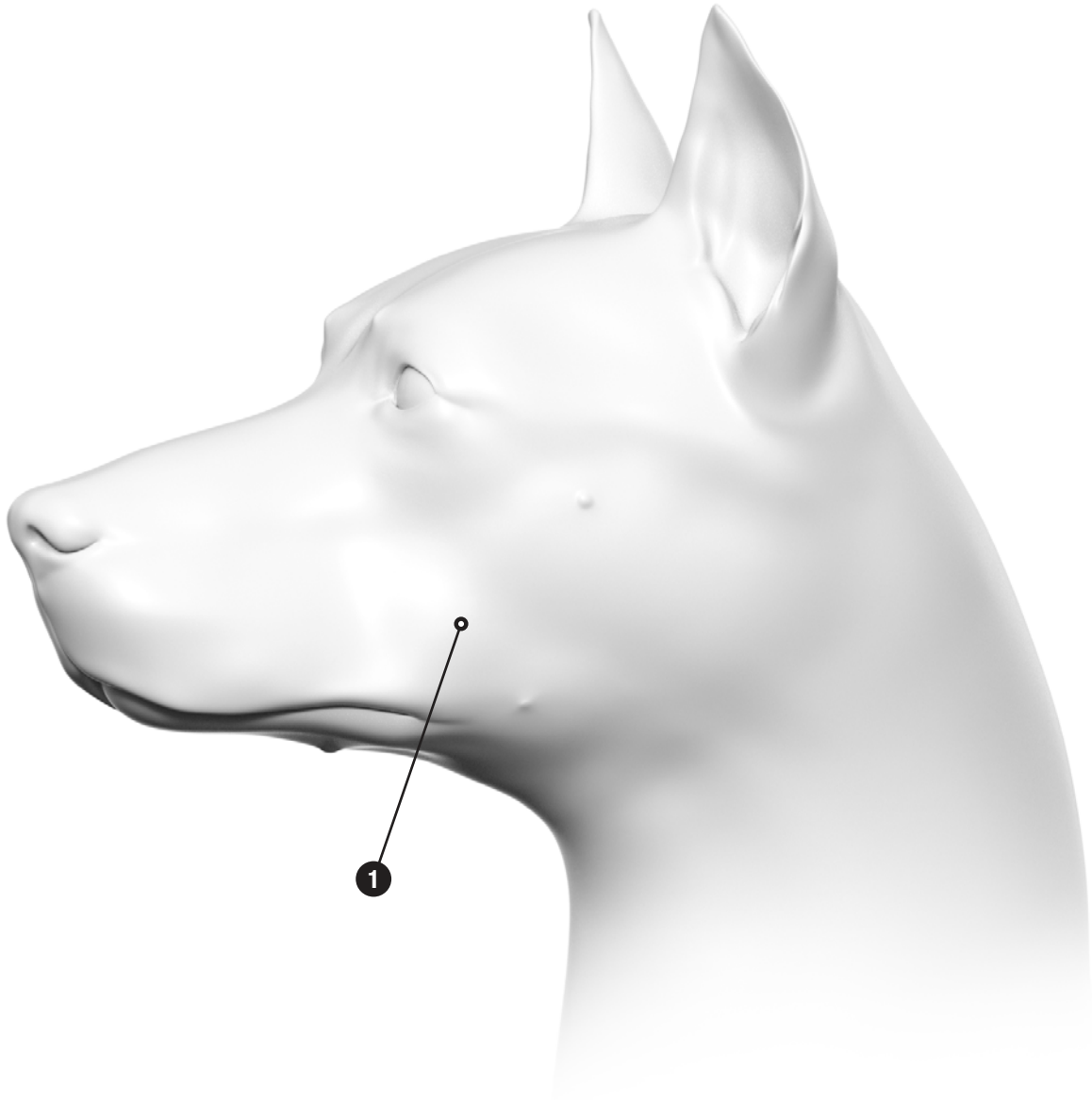
Protocol time.

2 x daily

Until full relief.

- PULPITUS – toothache.

PROTOCOL POINT	 MINS	 HZ
1 Sore tooth from outside	5	5
	2	1000



SECTION 5

STOMATOLOGY 3

10 mins

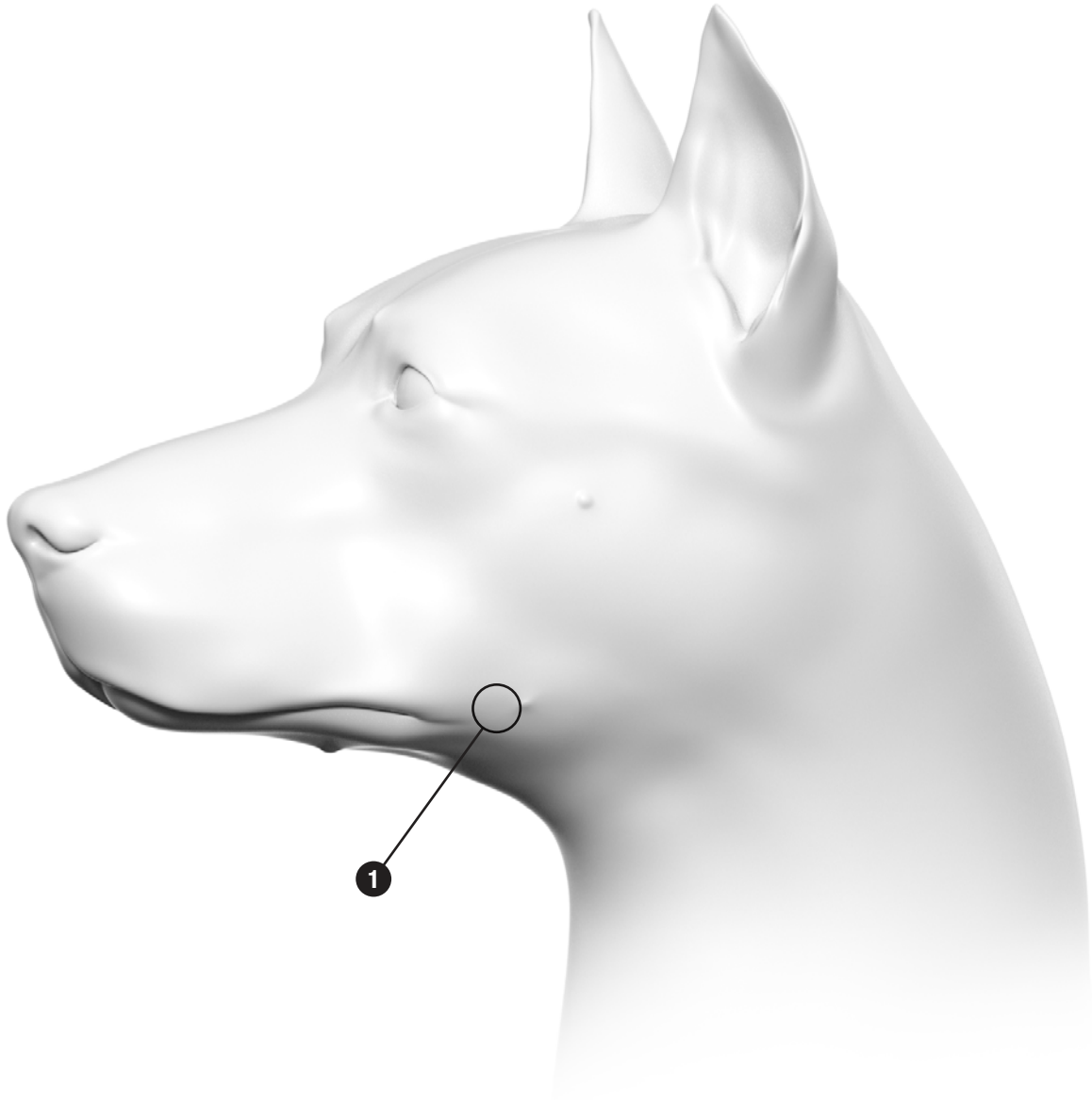
Protocol time.

1 x daily

Until full recovery.

• JAW FRACTURE

PROTOCOL POINT	 MINS	 HZ
1 Fracture area	5	5 then 50



SECTION 6

CARDIOLOGY

Heart



IMPORTANT

1	All heart ailments are best treated by also using UNIVERSAL 4 in conjunction with the prescribed protocol.
2	In treating the heart area NEVER use a frequency other than 5Hz.
3	For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.
4	A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.
5	If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 6

CARDIOLOGY 1







 **8 mins**
 **13 mins**
 Protocol time.

1 x daily

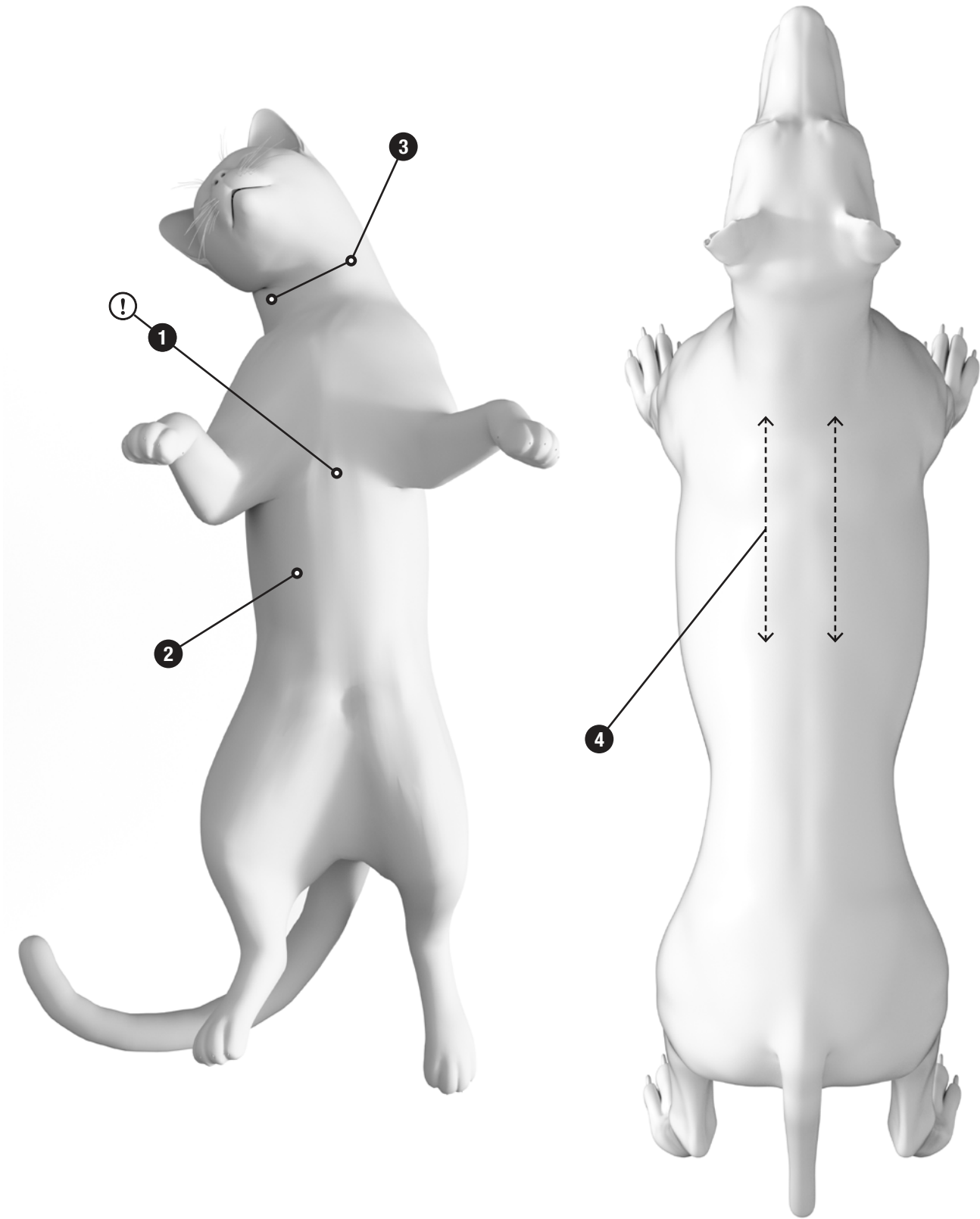
For 14 days.

Allow 1 month rest and repeat course if necessary.

- PREPARATION FOR GENERAL ANAESTHESIA
- CARDIOMYOPATHY – weak heart. See also [UNIVERSAL 2](#).

PROTOCOL POINT	 MINS (per point)		 HZ
1 Heart	 2	 5	5
2 Gall bladder	2		
3 Carotid arteries	1		
4 Scan thoracic paravertebral zone, both sides of spine	 1	 2	Variable (V)

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 6

CARDIOLOGY 2

 **12 mins**

 **20 mins**



Protocol time.

1 x daily (In acute state 2 x daily)

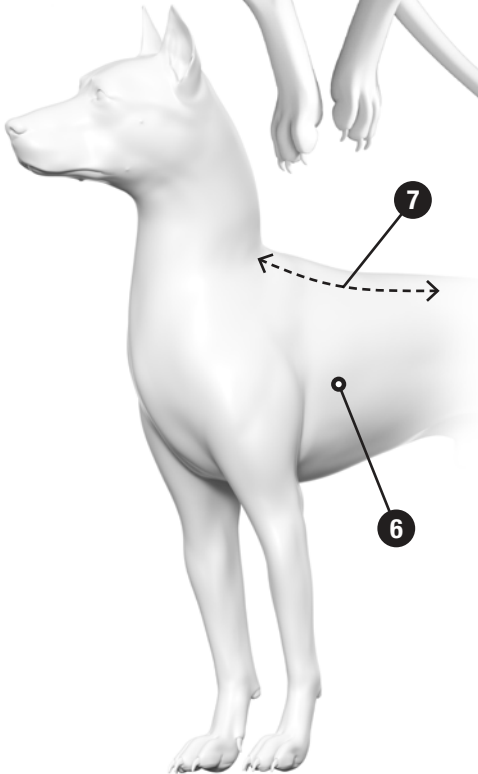
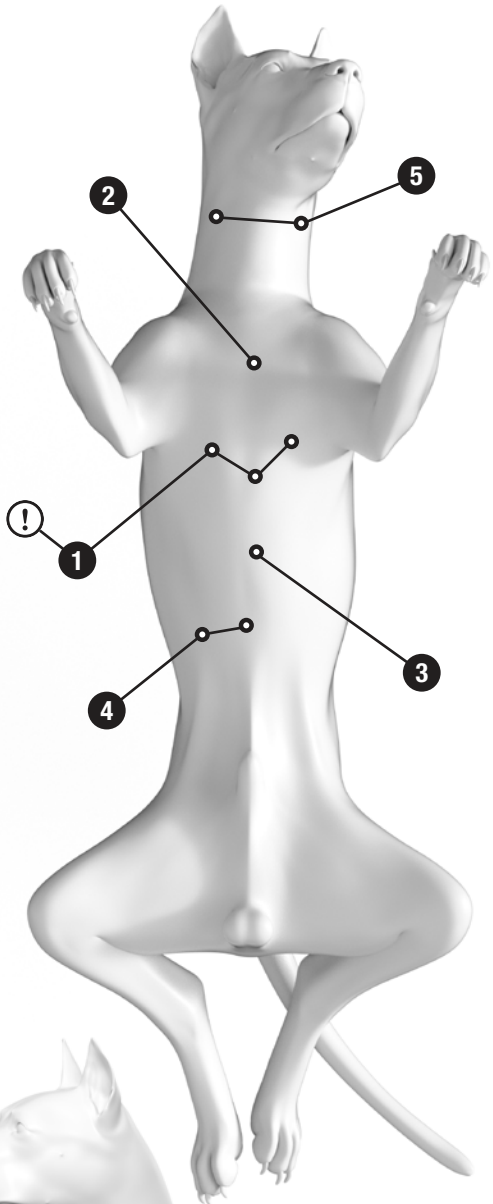
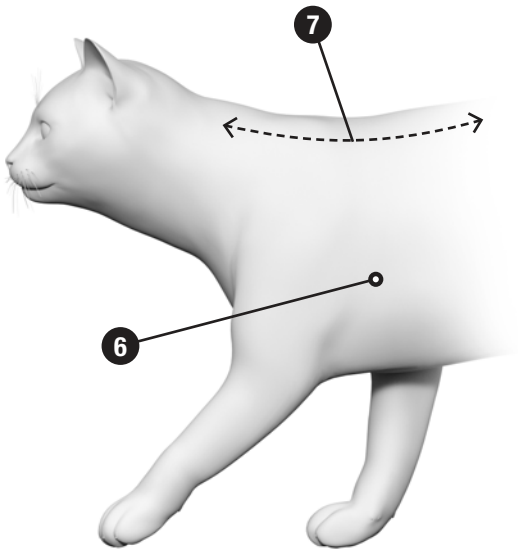
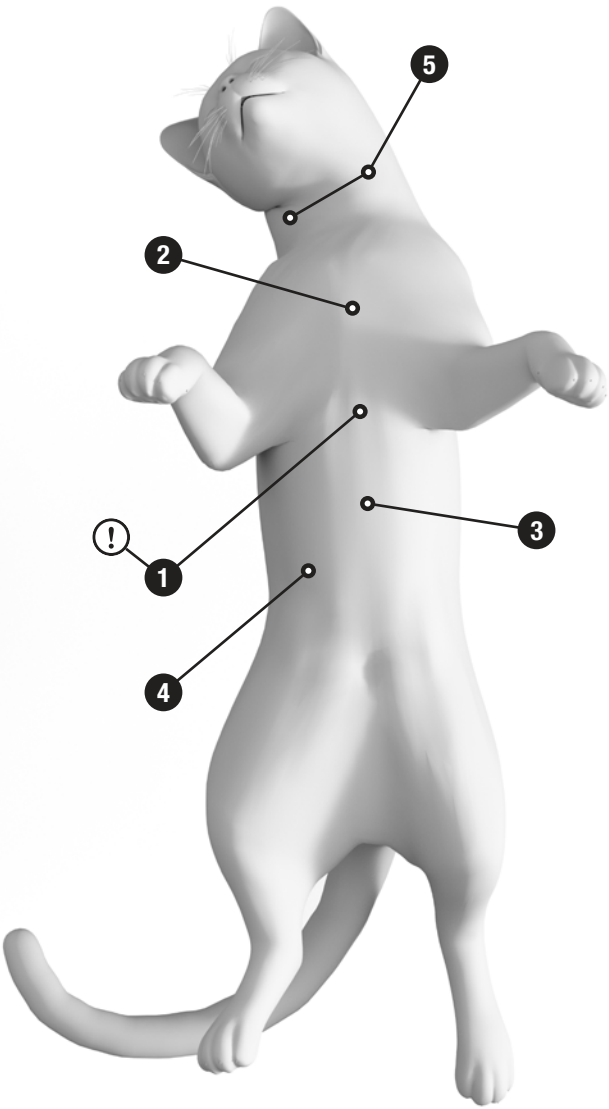
For 14 days.

Allow 3 weeks rest and repeat course if necessary.

- **MYOCARDIAL INFARCT** – heart attack.
- **ARRHYTHMIA** – irregular heartbeat.
- **VALVULAR DISEASE**
- **ENDOCARDITIS** – inflammation of the inner layer of the heart.
- **MYOCARDITIS** – inflammation of the heart muscle.
- **CONSTRUCTIVE PERICARDITIS**
- **MYOCARDIODYSTROPHY** – heart muscle disorder.
- **ISCHEMIA OF THE HEART** – deficiency of blood supply to the heart (in conjunction with [NEUROLOGY 1](#)).
- **HYPERTENSION**

PROTOCOL POINT	⌚ MINS (per point)	📡 HZ
1 Heart	2	5
2 Top of sternum	1	
3 Xiphoid process	1	
4 Liver	2	
5 Carotid arteries	1	
6 4 th intercostal, 5-7cm below of scapula, both sides	1	
7 Scan thoracic paravertebral zone, both sides of spine	 1  2	Variable (V)

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 7

PULMONOLOGY

Lungs



IMPORTANT

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.

4

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 7

PULMONOLOGY 1

 **10** mins

 **11** mins



Protocol time.

1 x daily

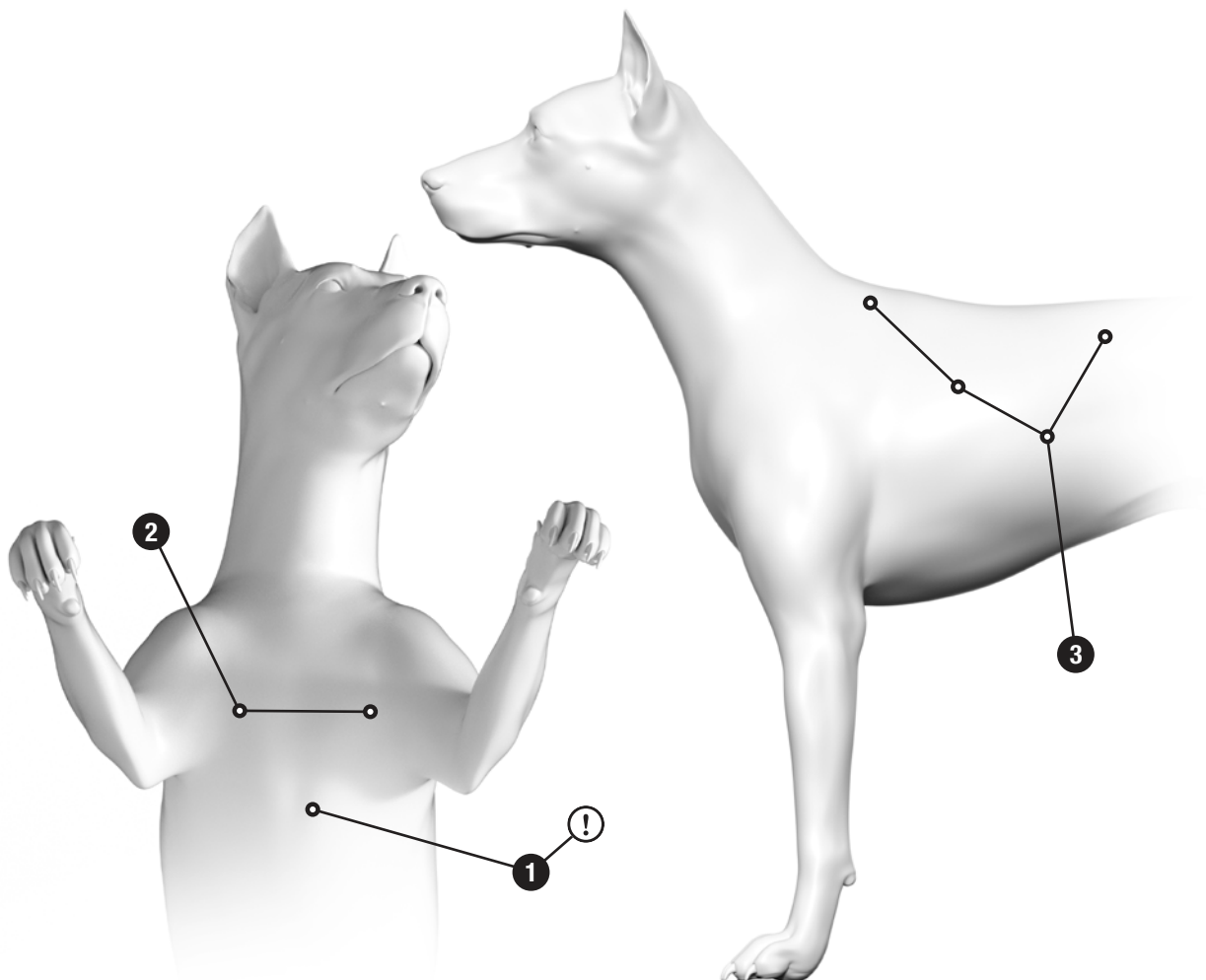
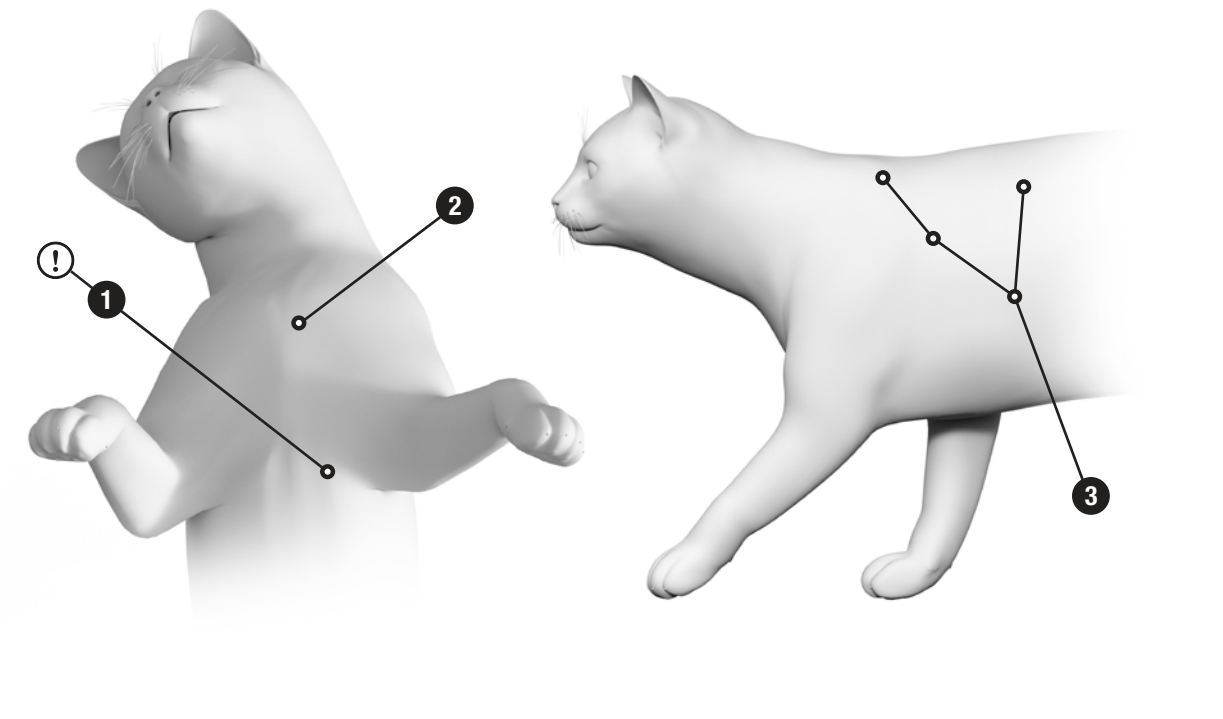
For 10 days.

Allow 3 weeks rest and repeat course until disease is completely cleared.

- PNEUMONIA
- PLEURISY
- BRONCHITIS
- ASTHMA
- CHRONIC OBSTRUCTIVE PULMONARY DISEASE
- PULMONARY FIBROSIS
- BRONCHIECTASIS

PROTOCOL POINT	 MINS (per point)	 HZ
1 Heart	1	5
2 Axillary arteries		5
3 Bronchial tree and lungs		50

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 8

GASTROENTEROLOGY

Digestive system



IMPORTANT!

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.

4

Treatments with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 8

GASTROENTEROLOGY 1

 **13 mins**

 **21 mins**



Protocol time.

1 x daily

Every 2nd day for 20 days.

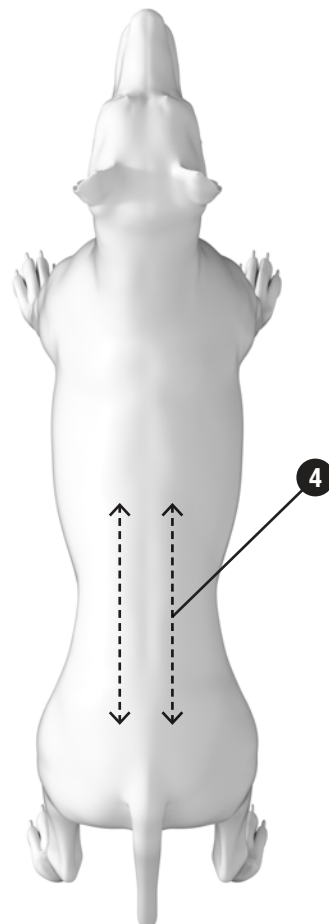
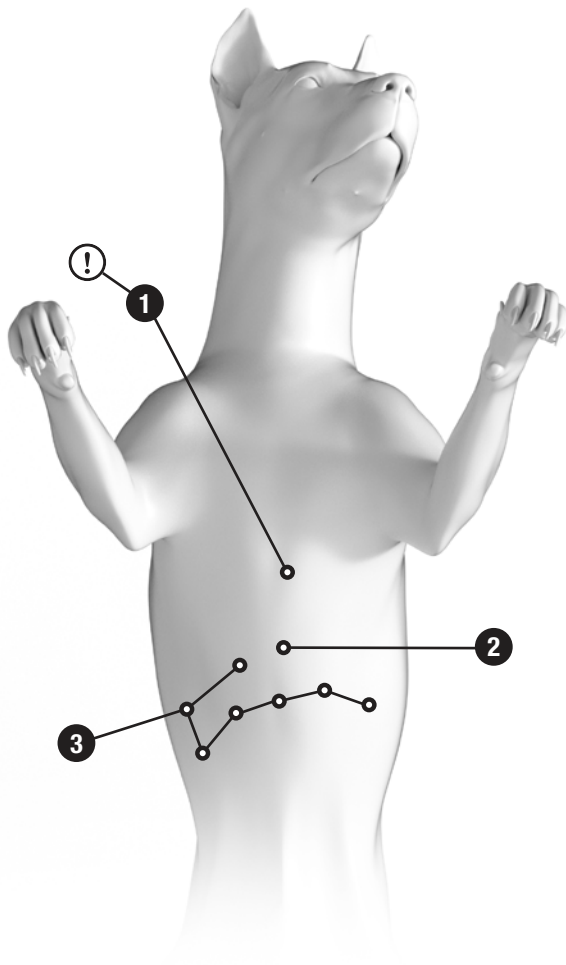
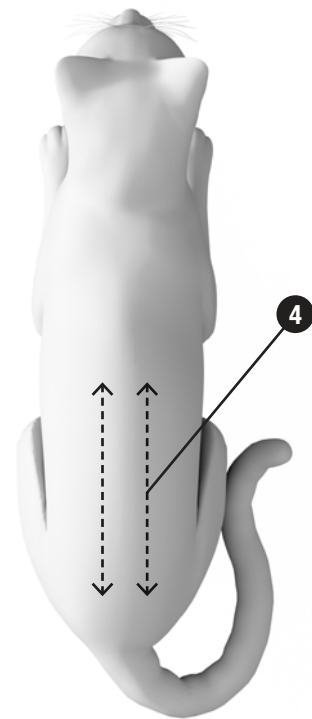
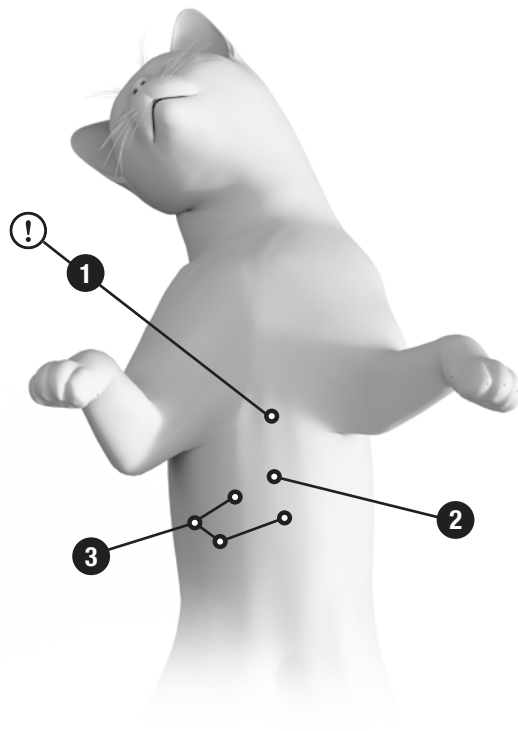
Allow 3 weeks rest and repeat course until disease is completely cleared.

- LIVER DISEASES
- FATTY LIVER DISEASE
- HEPATITIS
- CIRRHOSIS
- INCREASED/DECREASED CHOLESTEROL
- BILIARY DYSKINESIA – malfunctioning of the gall bladder.
- CHOLECYSTITIS – inflammation of the gall bladder.

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Heart	1		5
2 Epigastrium			5 then 50
3 Liver, gall bladder			
4 Scan along vertebral column from the last rib to sacrum, both sides of spine	 1 per side	 2 per side	1000



This protocol is best done in conjunction with [UNIVERSAL 3](#).





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 8

GASTROENTEROLOGY 2

 **7 mins**

 **11 mins**



Protocol time.

1 x daily

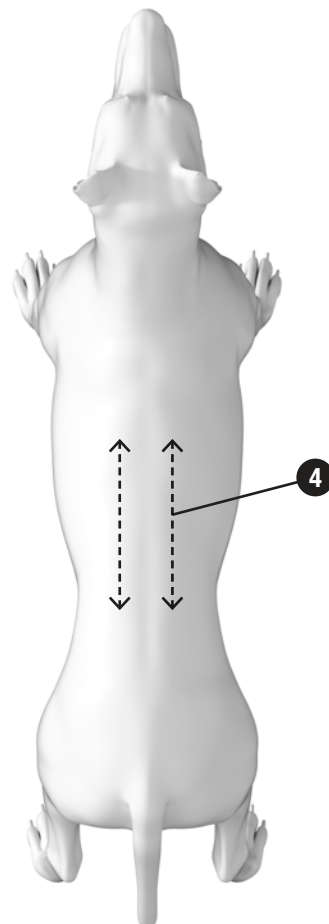
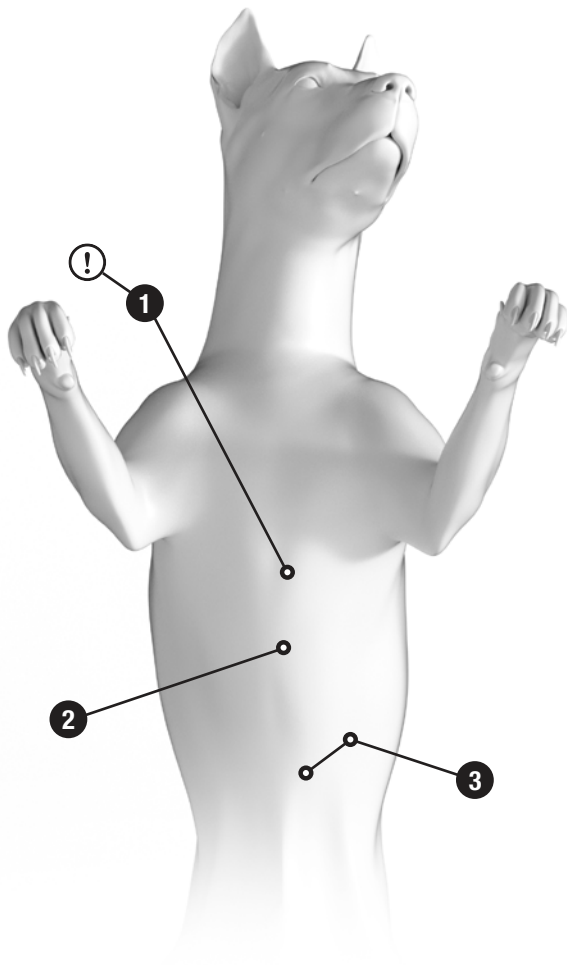
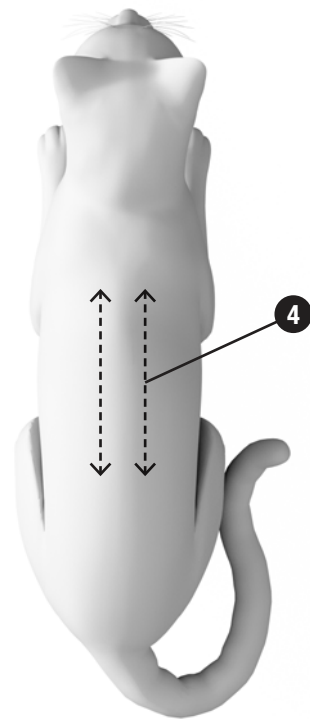
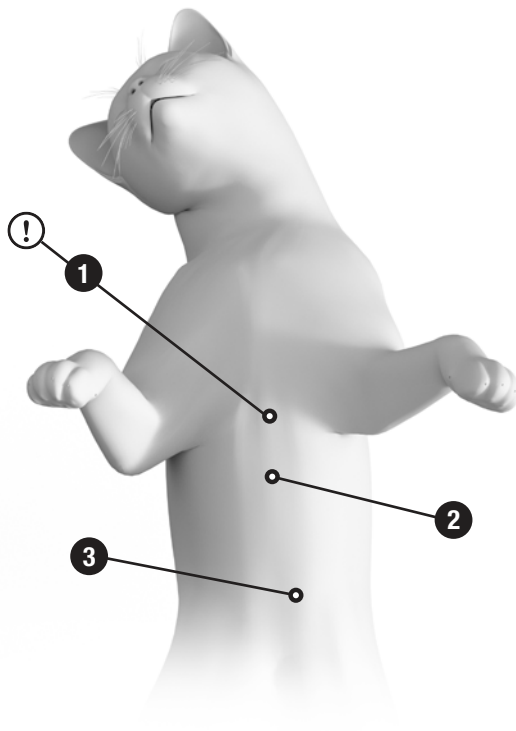
Every 2nd day for 20 days.

Allow 3 weeks rest and repeat course until disease is completely cleared.

- **PANCREATITIS** – inflammation of the pancreas.
- **PANCREANECROSIS** – severe disease of the pancreas.

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Heart	1		5
2 Epigastrium	2		5
3 Pancreas	1		5 then 50
4 Scan along vertebral column from below scapula to sacrum, both sides of spine	 1	 2	1000

i This protocol is best done in conjunction with [UNIVERSAL 3](#).







In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 8

GASTROENTEROLOGY 3

 **7mins**
 **13mins**
Protocol time.



1 x daily

For 14 days.

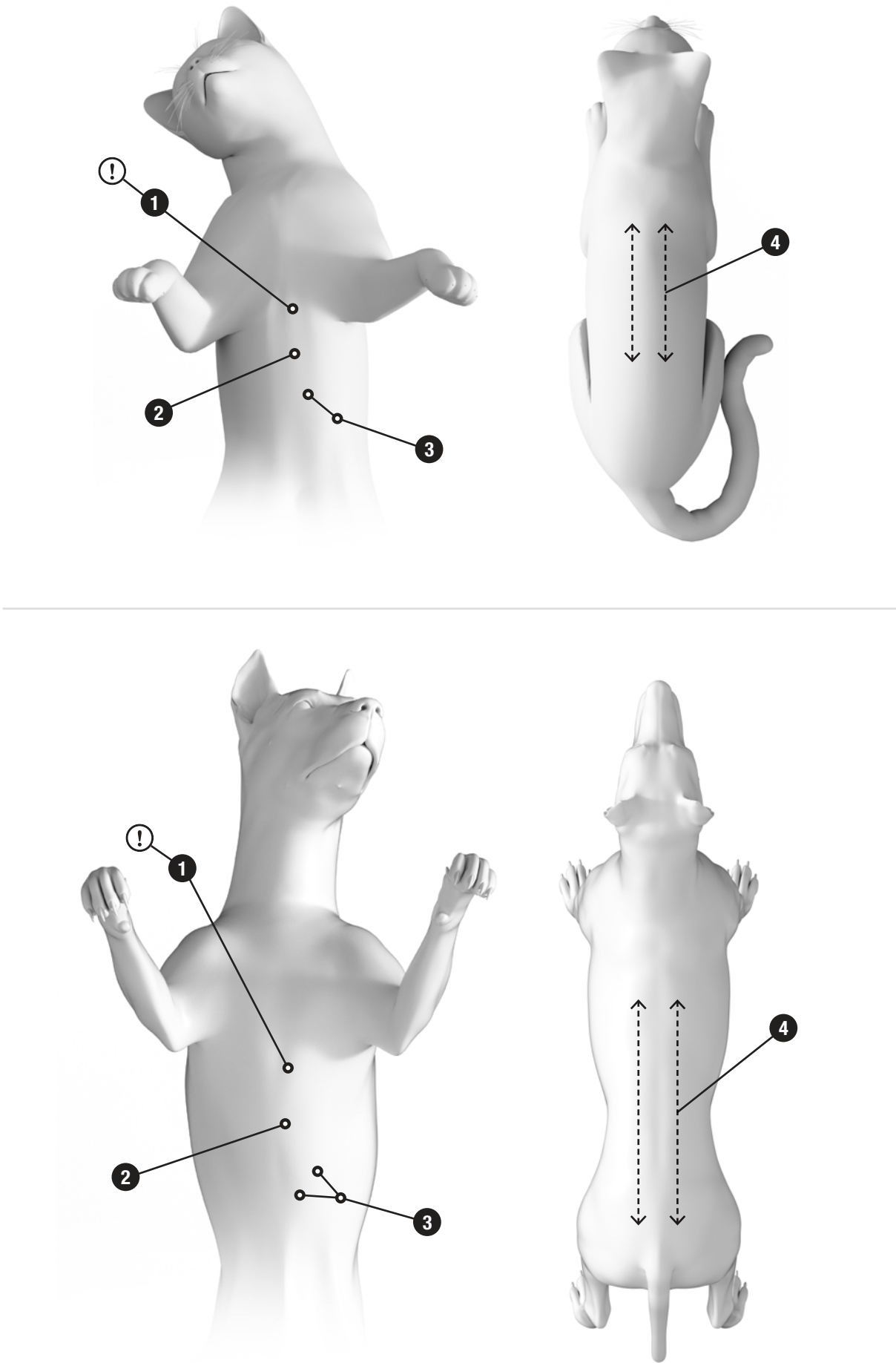
Until improvement is noticed then continue for 7 more days.

Allow 1 month rest and repeat course if needed.

- GASTRIC ULCER
- GASTRITIS – inflammation of the stomach lining.

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Heart	1		5
2 Epigastrium	2		5
3 Stomach	1		50
4 Scan along vertebral column from below scapula to sacrum, both sides of spine	 1 per side	 2 per side	1000

i This protocol is best done in conjunction with [UNIVERSAL 3](#).



SECTION 9

GYNAECOLOGY

Gynaecology and obstetrics



IMPORTANT!

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

Treatments with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.

SECTION 9

GYNAECOLOGY 1

 **16** mins

 **22** mins





Protocol time.

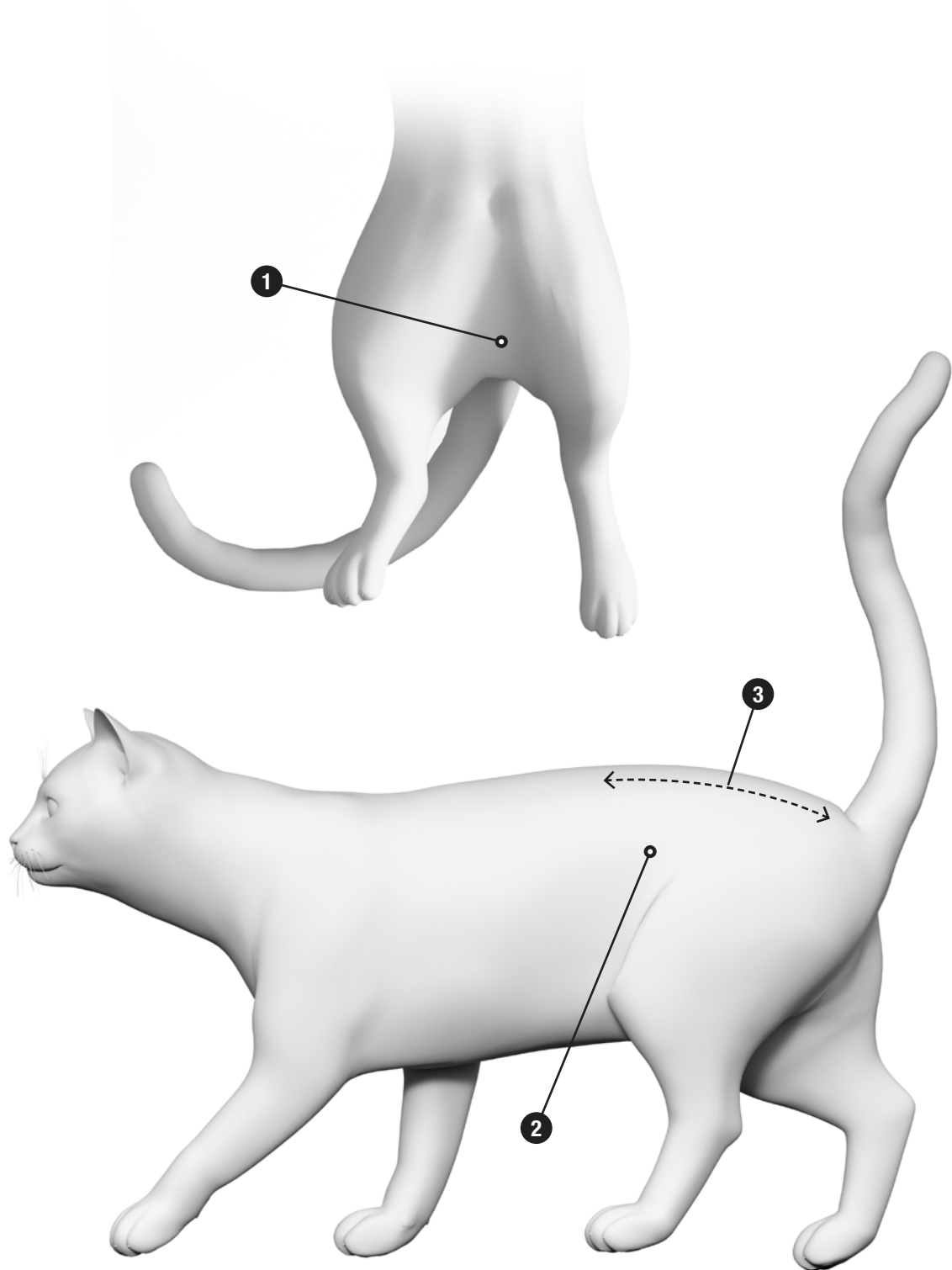
1 x daily

For 10 days.

Allow 4 weeks rest and repeat course if needed.

- INFLAMMATORY DISEASES OF THE UTERUS, OVARIES
- ENDOMETRITIS
- CERVICAL EROSION
- PYOMETRA
- ENDOMETRIAL HYPERPLASIA
- HYDROMETRA

PROTOCOL POINT	 MINS (per point)		 HZ
1 Cervix	2		5 then 50
2 Ovaries, both sides			
3 Scan both sides of vertebral column, sacral region	 2	 5	Variable (V)
Apply UNIVERSAL 3			





SECTION 9

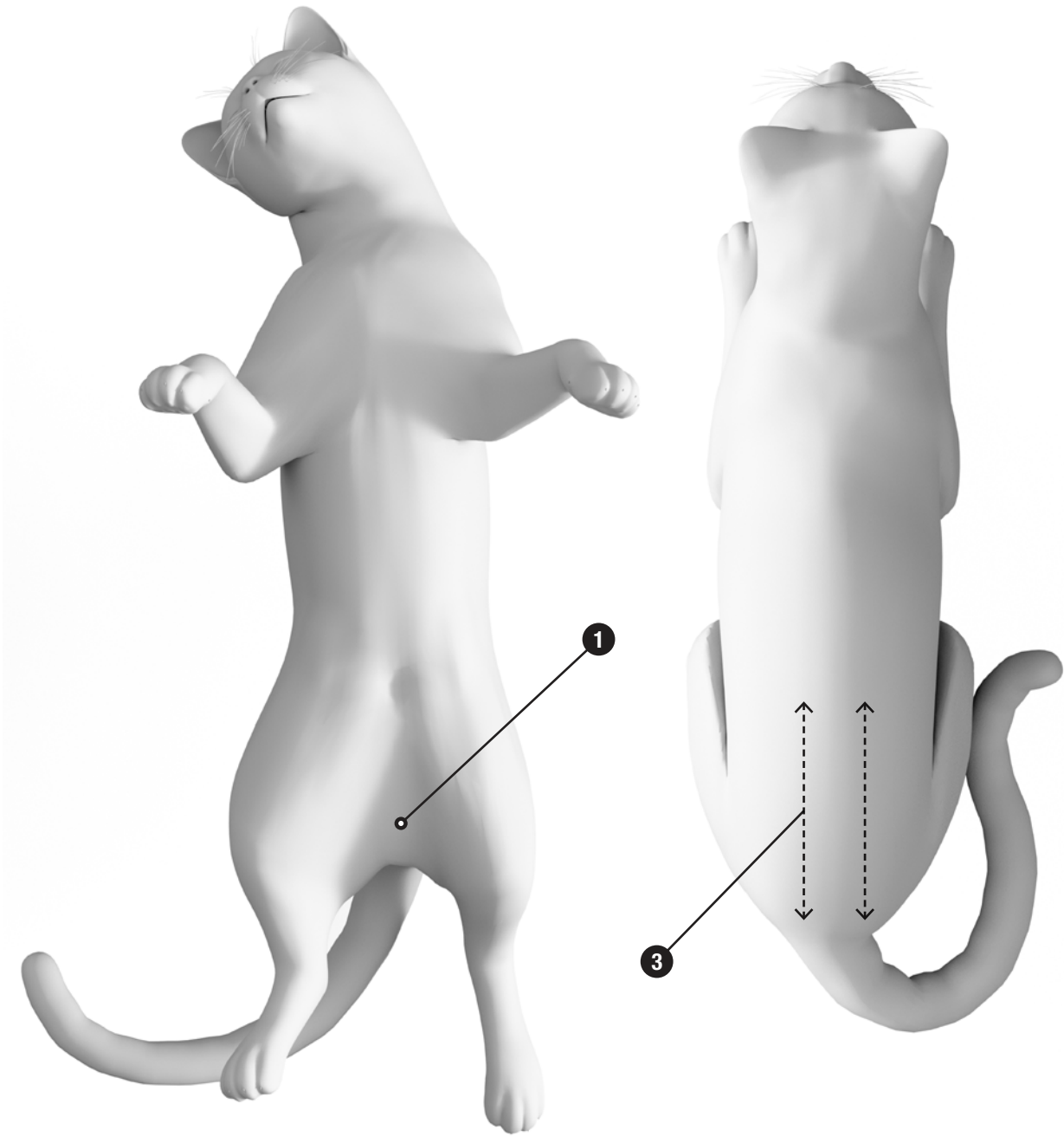
GYNAECOLOGY 2

 **9 mins**
 **15 mins**
 Protocol time.

1 x daily
 Until full recovery.

- COMPLICATIONS AFTER SURGICAL STERILISATION, CASTRATION
- INFLAMMATION OF THE UTERINE STUMP

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Uterine stump	5		Variable (V)
2 Scan both sides of vertebral column, sacral region	 2	 5	Variable (V)
Apply UNIVERSAL 3			



SECTION 9



GYNAECOLOGY 3

9 mins +
Protocol time.

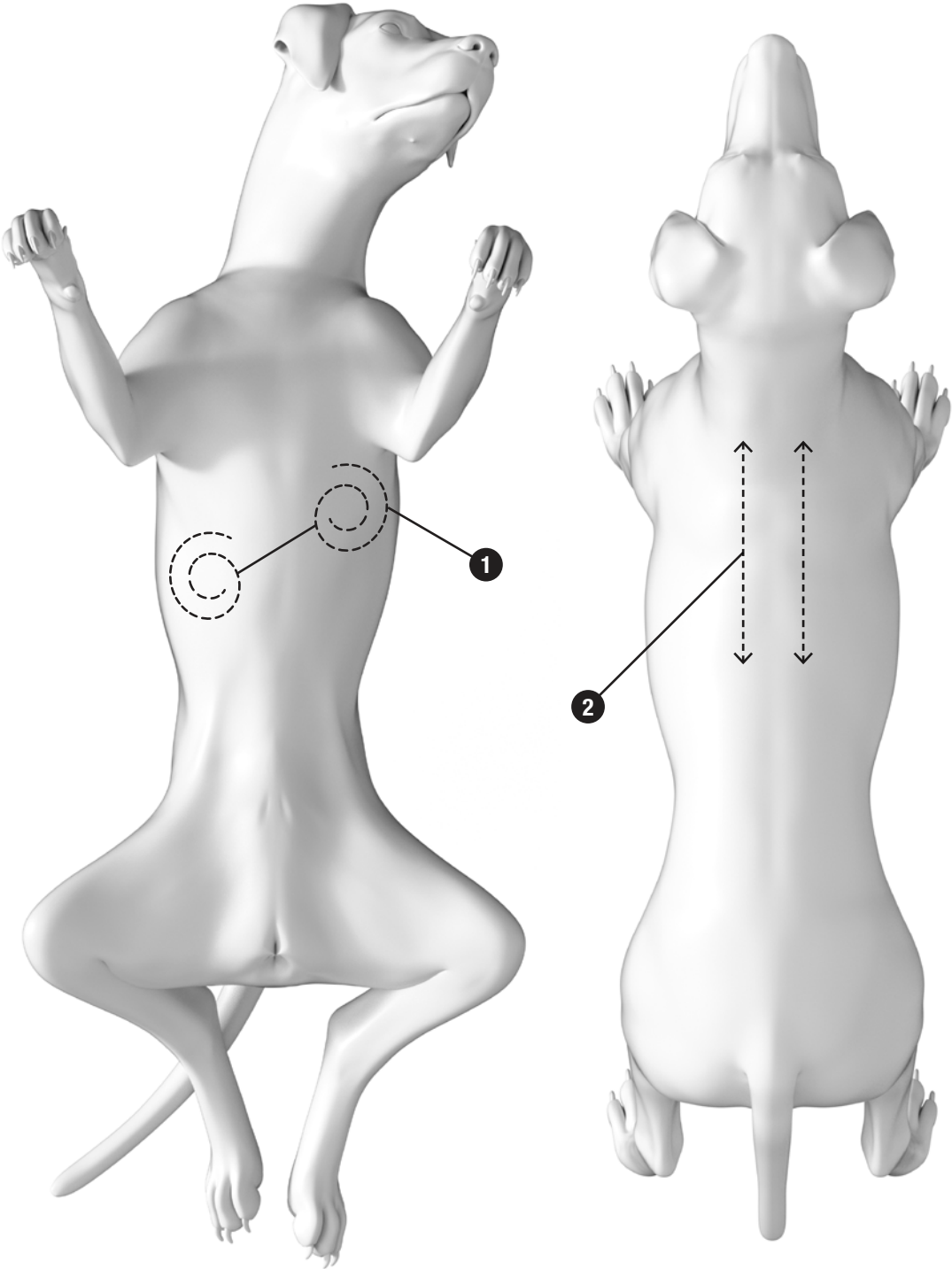
1 x daily
Until full recovery.

Allow 4 weeks rest and repeat course if needed.

- **MASTITIS**
- **HYPOGALACTIA** – deficient secretion of milk.

PROTOCOL POINT	 MINS	 HZ
1 Scan the affected mammary gland	5 per gland	1000
2 Scan both sides of vertebral column opposite the gland	2 per side	

i This protocol is best done in conjunction with [UNIVERSAL 3](#).





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 9

GYNAECOLOGY 4

28 mins +

Protocol time.

1 x daily

Every 2nd day for 20 days.

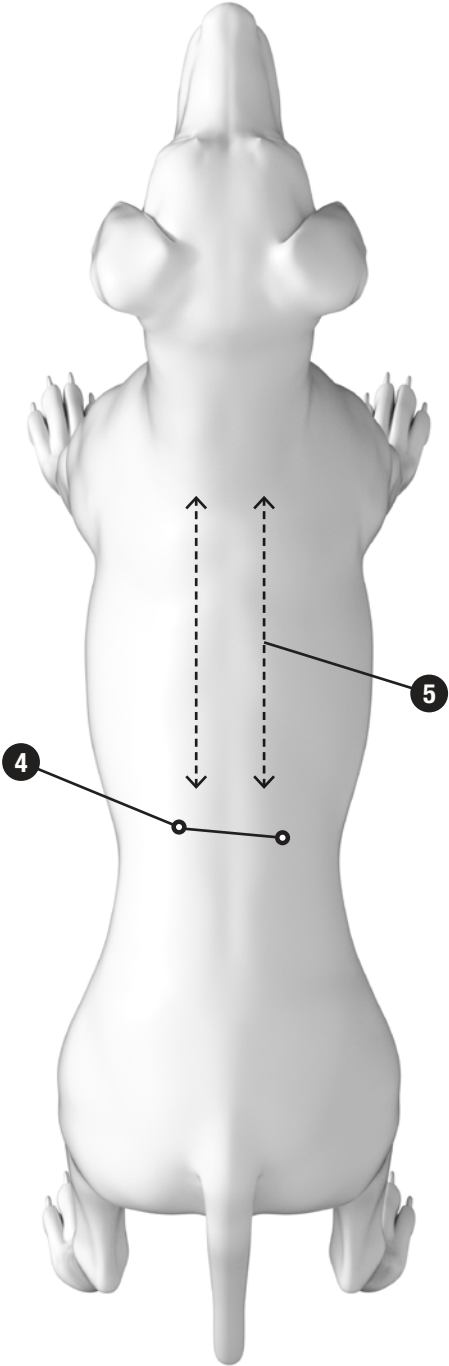
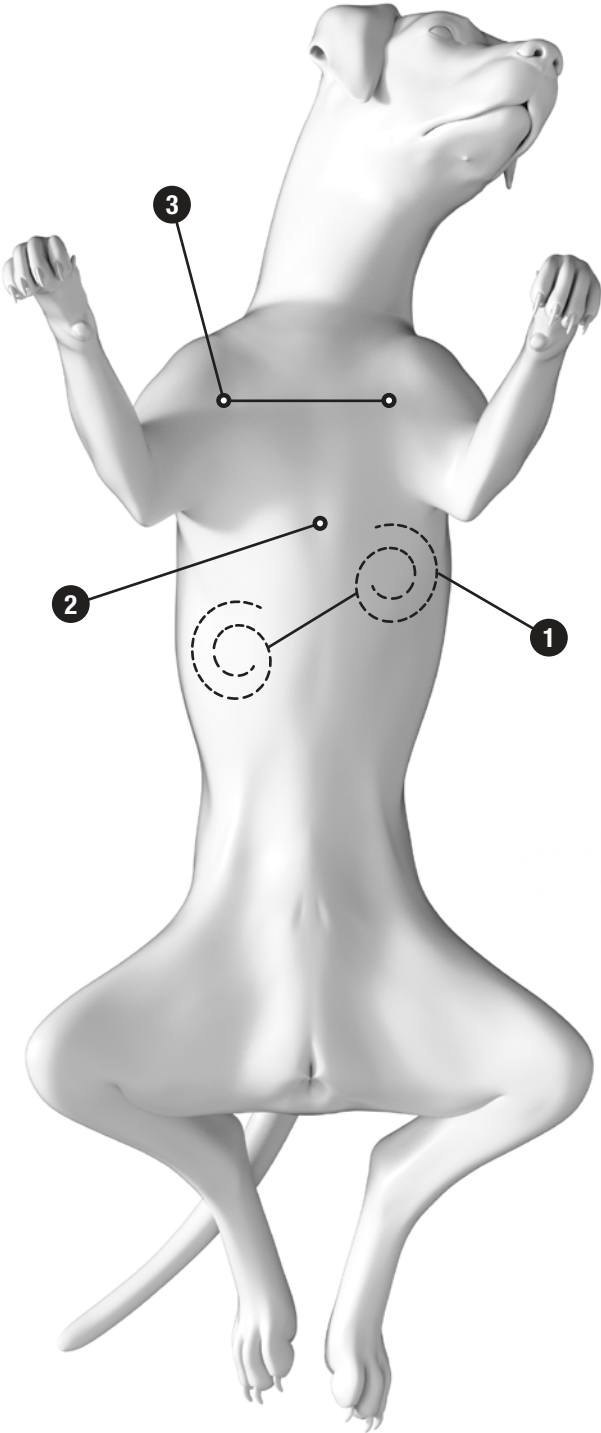
Allow 3 weeks rest and repeat course if needed.

- DISHORMONAL MASTOPATHY
- FIBROADENOMATOSIS OF THE MAMMARY GLANDS
- MAMMARY DYSPLASIA

PROTOCOL POINT	⌚ MINS	📡 HZ
➊ Scan the affected mammary glands in a circular motion	2 per gland	5 then 50
➋ Heart	2	5
➌ Axillary arteries		
➍ Adrenal glands	2	5 then 50
➎ Scan both sides of vertebral column opposite the gland	5 per side	1000



This protocol is best done in conjunction with [UNIVERSAL 3](#).



SECTION 10

NEPHROLOGY & UROLOGY

Urinary and
elimination



IMPORTANT!

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

Treatments with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.

SECTION 10

NEPHROLOGY 1

 **15** mins

 **17** mins





Protocol time.

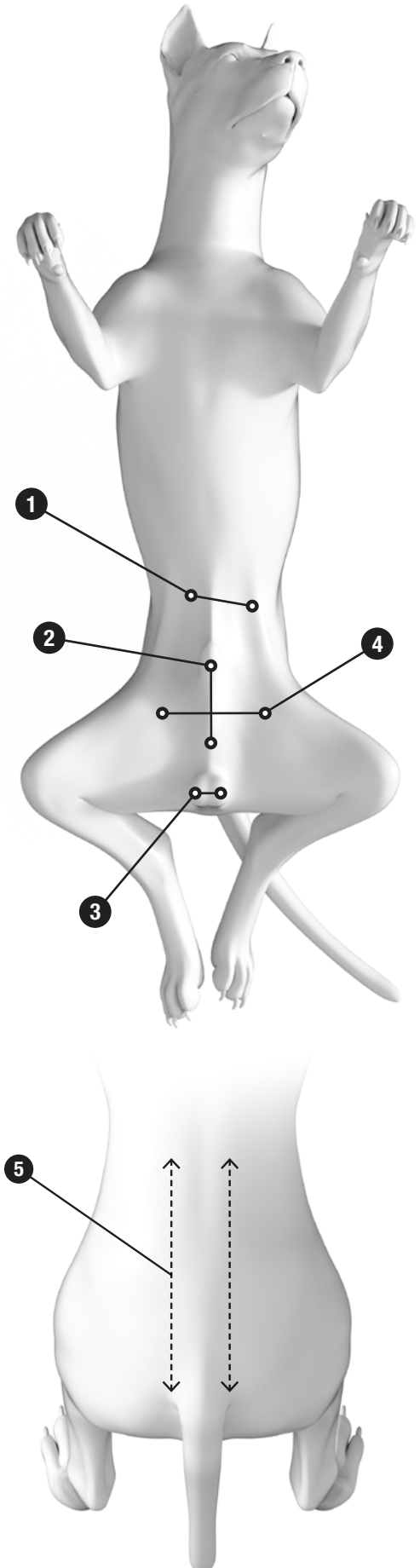
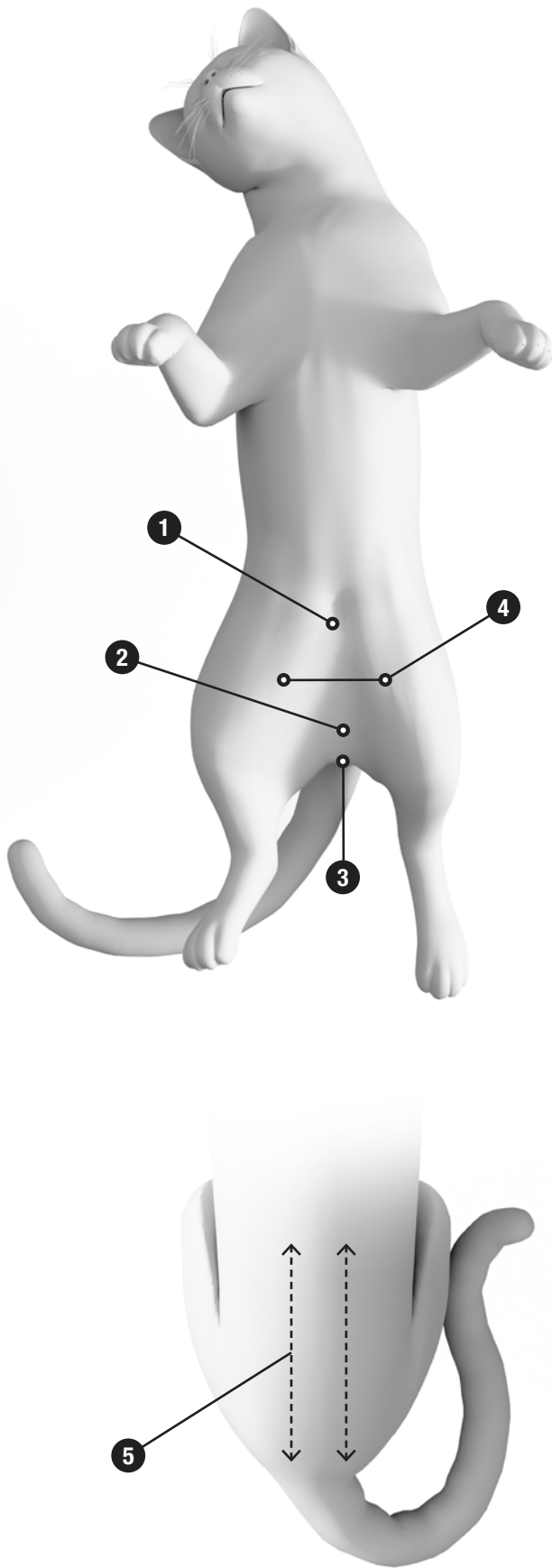
1 x daily

For 14 days.

Allow 3 weeks rest and repeat course if needed.

- **DISEASES OF THE PROSTATE GLAND**
- **PROSTATITIS** – inflammation of the prostate gland.
- **BENIGN PROSTATIC HYPERPLASIA** – prostate enlargement.
- **ORCHITIS** – inflammation of the testes.
- **DISEASES OF THE URETHRA**

PROTOCOL POINT	 MINS (per point)		 HZ
1 Bladder	2		5
2 Penis	1		
3 Testicles			
4 Iliac arteries			
5 Scan both sides of vertebral column, sacral region	 1	 2	1000



SECTION 10

NEPHROLOGY 2

 **10** mins

 **12** mins



Protocol time.

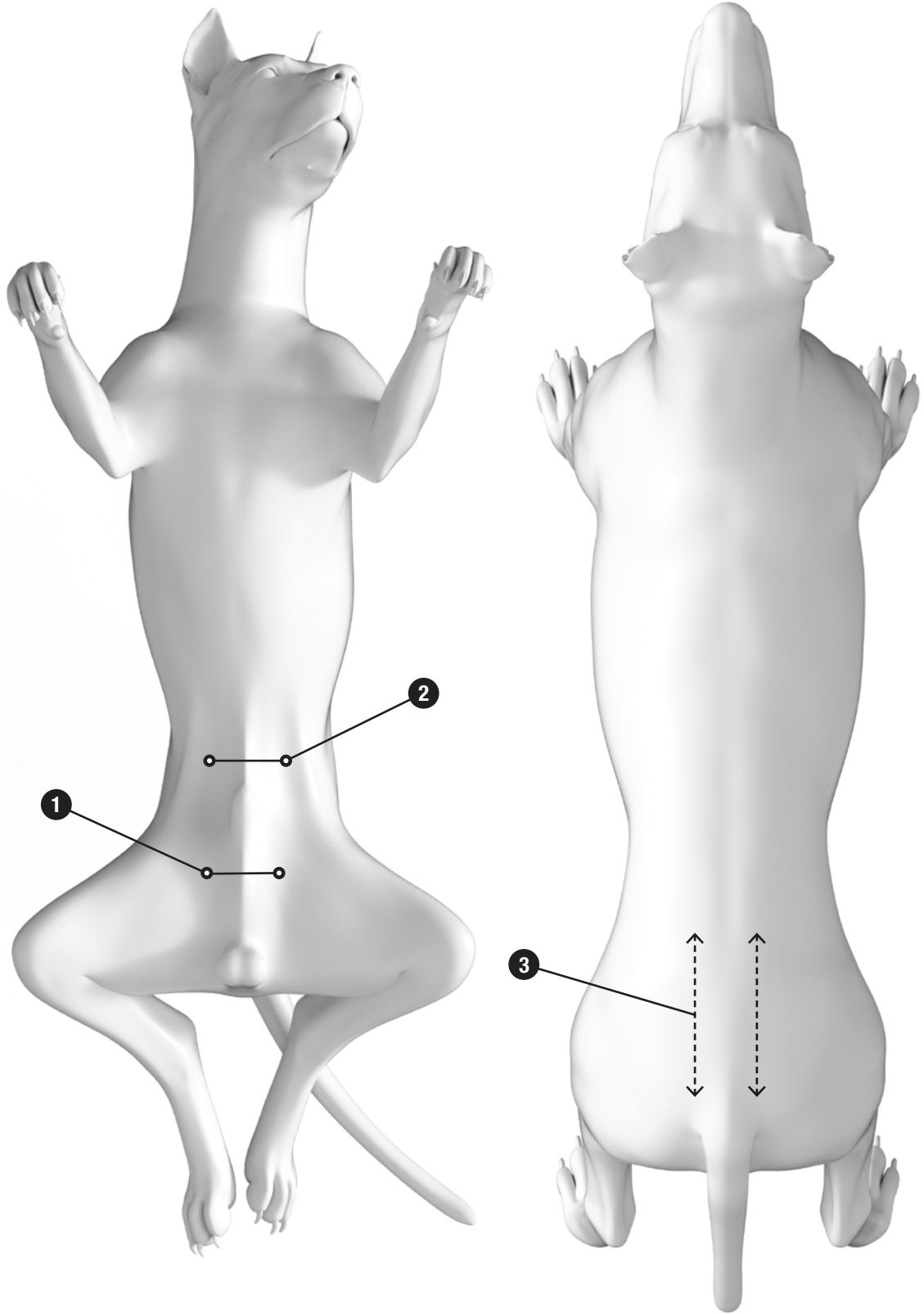
1 x daily

For 14 days.

Allow 3 weeks rest and repeat course if needed.

- **CYSTITIS** – inflammation of the bladder.
- **DISEASES OF THE BLADDER**
- **UROLITHIASIS** – stones within the urinary tract.

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Bladder	2		50
2 Caudal mesenteric artery			5
3 Scan both sides of vertebral column, sacral region	 1	 2	1000





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 10

NEPHROLOGY 3

 **16** mins

 **19** mins







Protocol time.

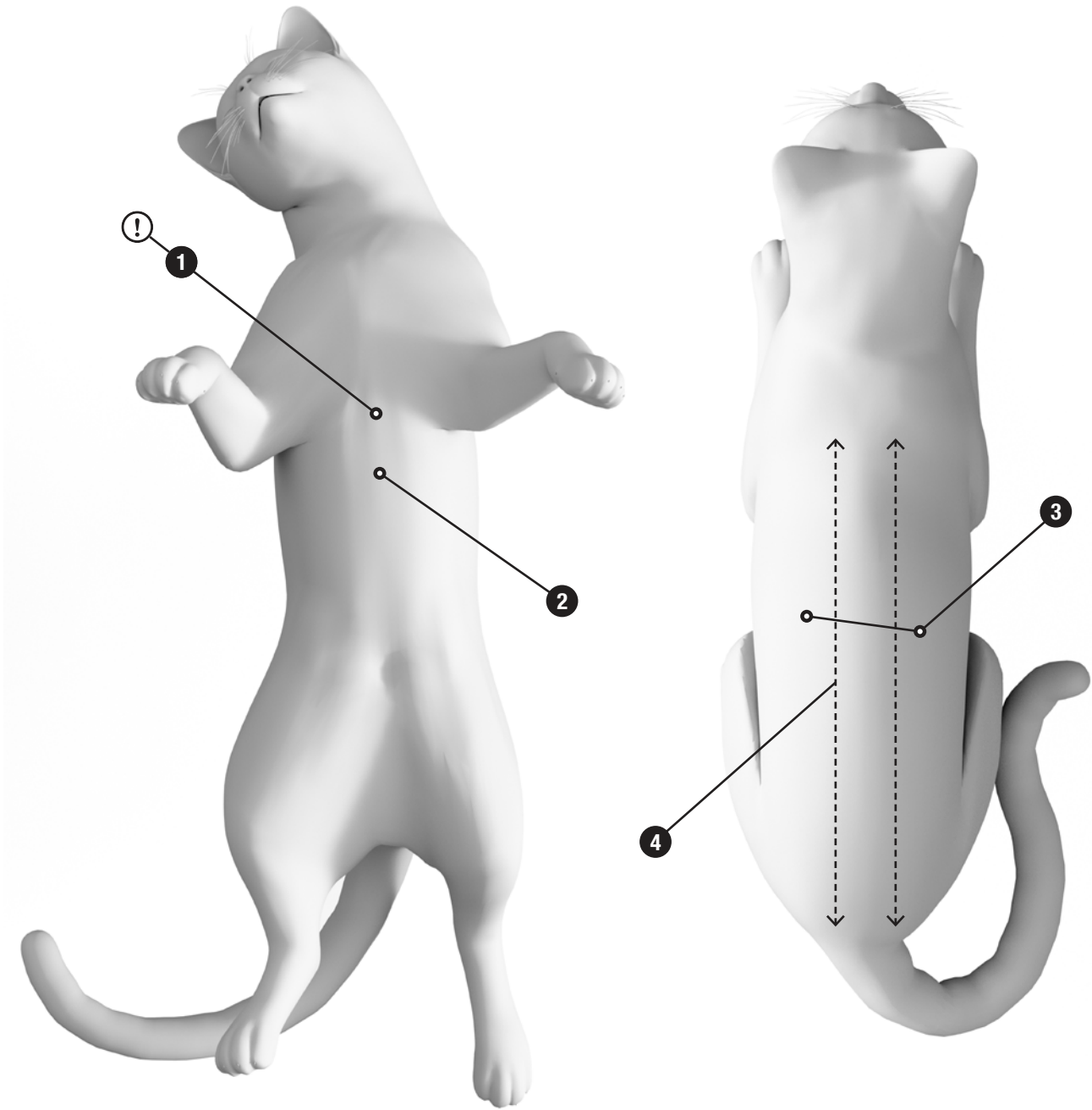
1 x daily

Every 2nd day for 20 days.

Allow 3 weeks rest and repeat course if needed.

- DISEASES OF THE KIDNEYS
- PYELONEPHRITIS – inflammation of the kidney.
- GLOMERULONEPHRITIS – kidney disease.
- KIDNEY FAILURE
- CHRONIC KIDNEY DISEASE

PROTOCOL POINT	 MINS (per point)		 HZ
1 Heart	 2	 5	5
2 Epigastrium	2		50
3 Kidneys			5 then 50
4 Scan both sides of vertebral column, from scapula to sacrum	 2	 5	1000





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 10

NEPHROLOGY 4

 **11** mins

 **21** mins





Protocol time.

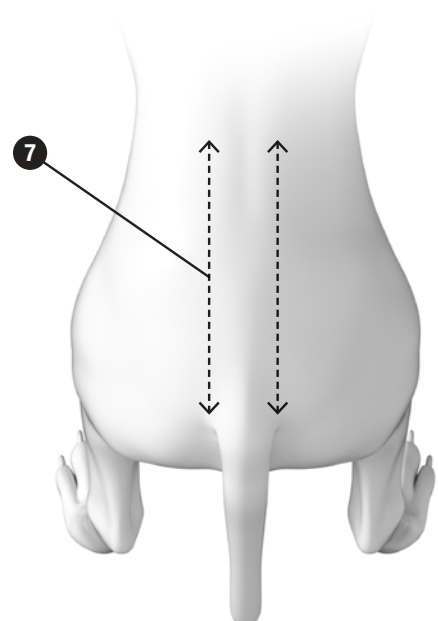
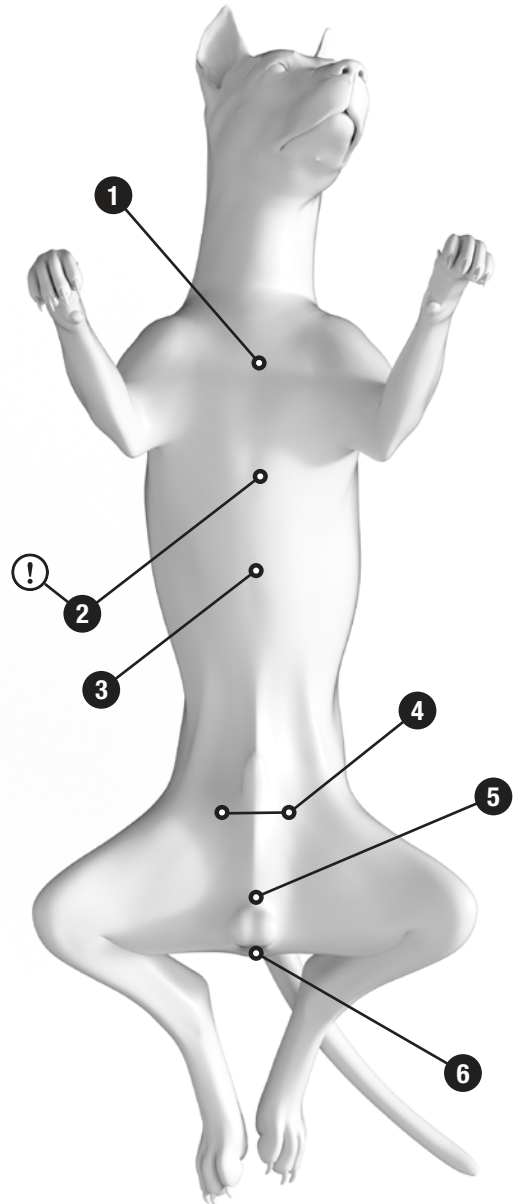
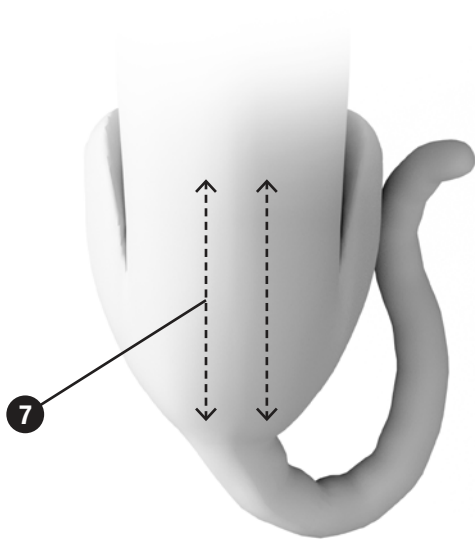
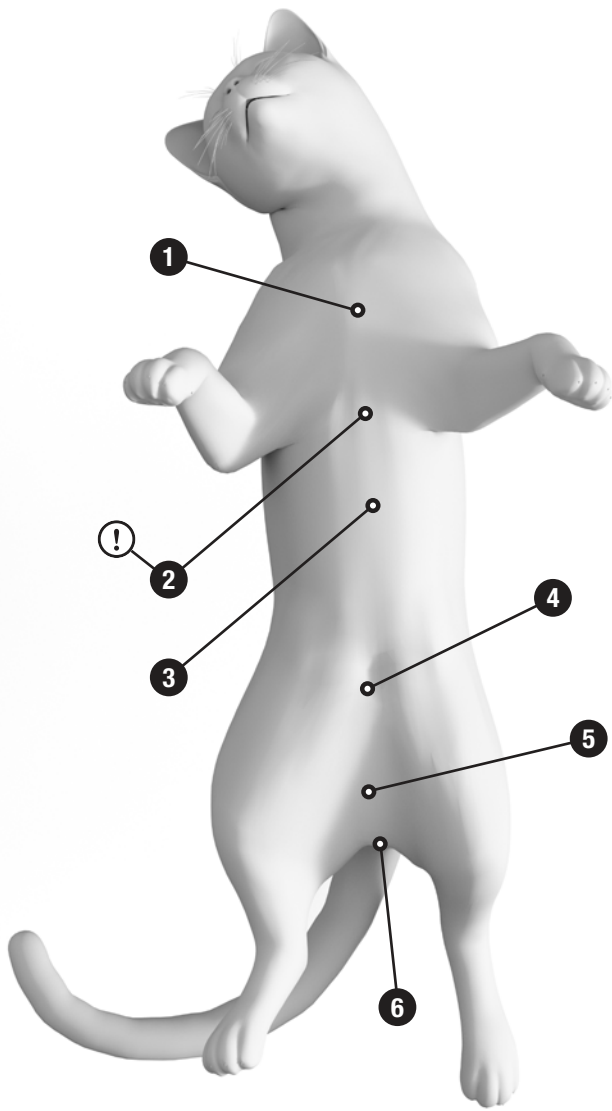
1 x daily

Until improvement is noticed but at least for 10 days.

Allow 1 month rest and repeat course if needed.

- **ENURESIS** – involuntary urine leakage.
- **ENCOPRESIS** – involuntary defecation.

PROTOCOL POINT	 MINS (per point)		 HZ
1 Top of sternum	1		5
2 Heart			5
3 Epigastrium			50
4 Bladder	2		50
5 Base of penis (males), urethra (females)			5
6 Anus			50
7 Scan both sides of vertebral column, sacral region	 2	 5	1000



SECTION 11

PROCTOLOGY

Colorectal



IMPORTANT!

1

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

2

Treatments with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.

SECTION 11

PROCTOLOGY 1

 **19** mins

 **25** mins

Protocol time.

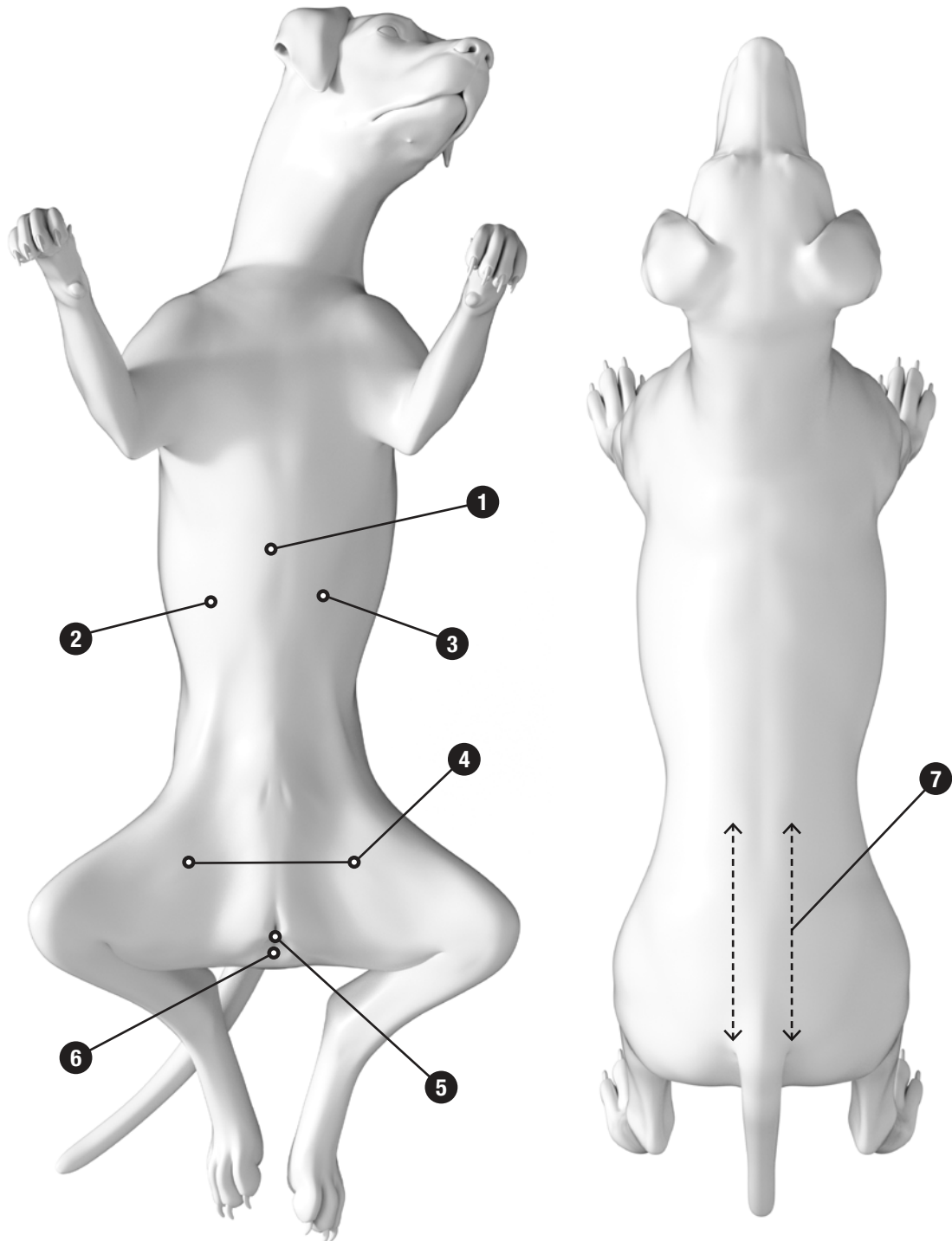
1 x daily

For 10 days.

Allow 1 month rest and repeat course if needed.

- HEMORRHOIDS
- PROCTITIS
- ANAL PRURITUS – anal itching.
- ANAL FISSURES

PROTOCOL POINT	⌚ MINS (per point)		📶 HZ
➊ Epigastrium	2		5
➋ Right hypochondrium			
➌ Left hypochondrium			
➍ Femoral arteries	🐱 1	🐶 2	
➎ Anus	5		
➏ Perineum	2		
➐ Scan both sides of vertebral column, sacral region	🐱 2 per side	🐶 5 per side	1000



SECTION 12

NEUROLOGY

Brain and nervous
system disorders



IMPORTANT

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.

4

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 12

NEUROLOGY 1

 **16 mins**

 **19 mins**



Protocol time.

1 x daily

Every 2nd day for 20 days.

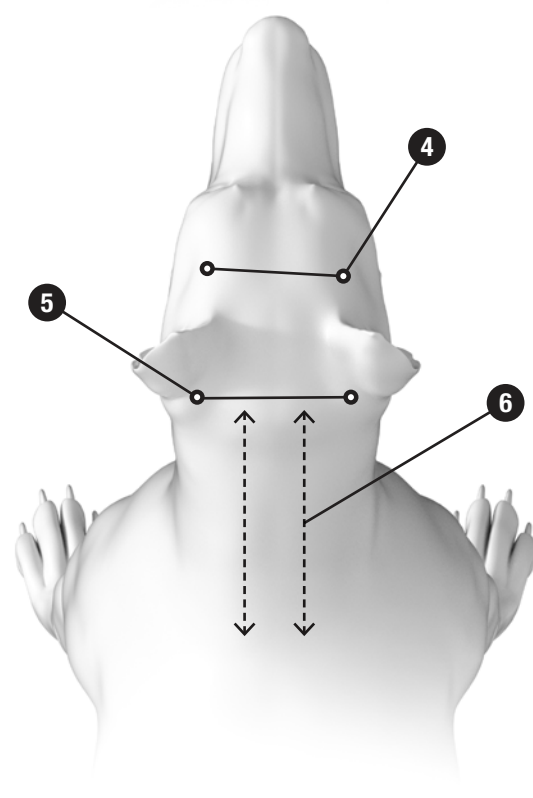
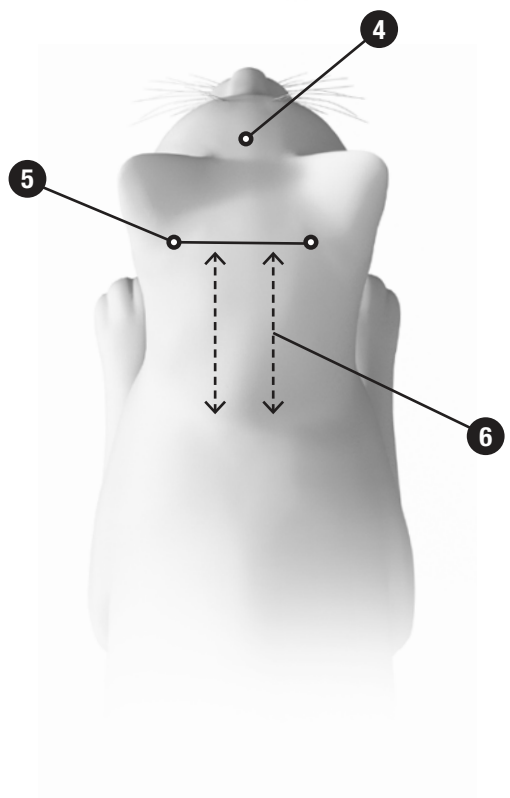
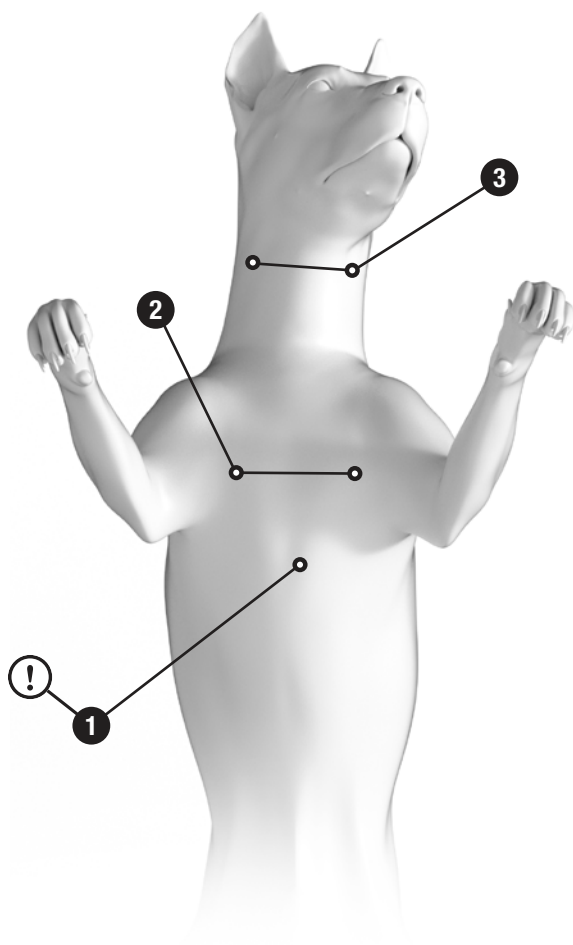
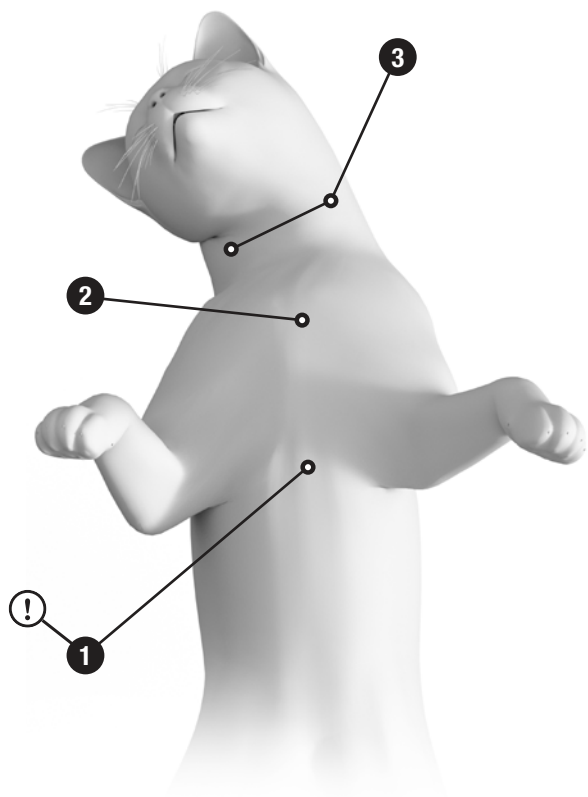
Allow 1 month rest and repeat course if necessary.

- **CEREBRAL BLOOD CIRCULATION DISORDERS**
- **STROKES**
- **ISCHEMIA OF THE BRAIN** – deficiency of blood supply to the brain (in conjunction with **CARDIOLOGY 2**).
- **AGE-RELATED DECLINE OF COGNITIVE FUNCTION**

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Heart	1		5
2 Axillary arteries			
3 Carotid arteries			
4 Frontal	1		50
5 Suboccipital			
6 Scan back of the neck on both sides of the vertebral column	 1	 2	1000

i If the animal becomes restless during treatments, you may switch OFF ultrasound for point 4. Switch ON ultrasound once the animal is used to hearing it during treatments.

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 12

NEUROLOGY 2

12 mins

Protocol time.

1 x daily

For 14 days.

Allow 3 weeks rest, repeat course necessary.

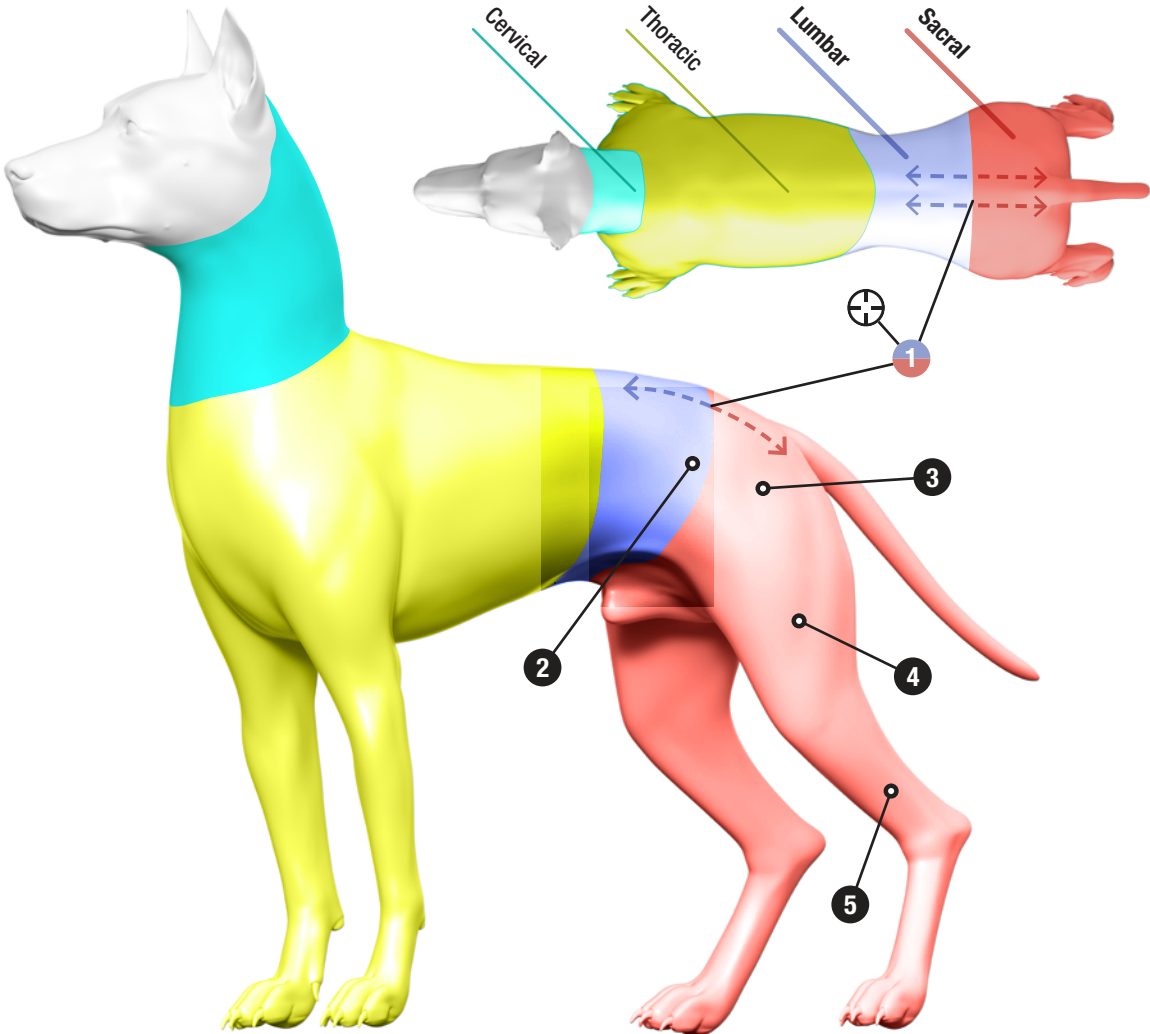
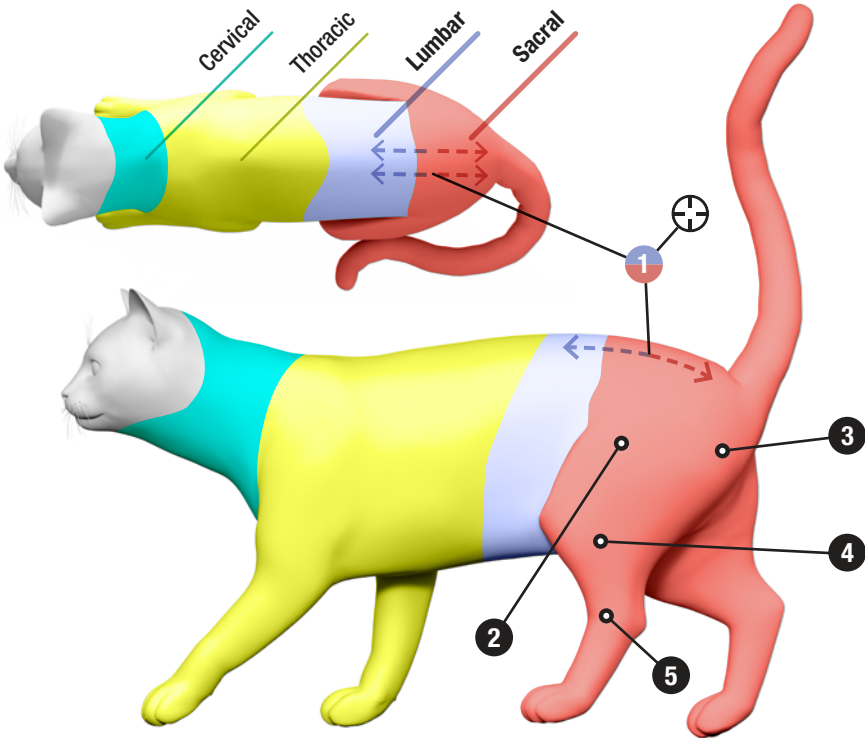


In case of damage of the nerves other than sciatic, adjust the location of point 1 (nerve root) and points 2-5 (nerve) according to the coloured dermatome zone models.

- **DISEASES AND INJURIES OF THE SCIATIC NERVE**
- **SCIATICA** – pain, weakness, numbness due to damage of the sciatic nerve.
- **RADICULOPATHY** – damage of nerve roots in the spine.
- **NEURITIS**

PROTOCOL POINT	⌚ MINS	⚡ HZ
1 Scan both sides of vertebral column, lumbosacral	2 per side	1000
2 Femoral nerve	2 per point	5
3 Sciatic		
4 Tibial nerve		
5 Peroneal nerve		

i In an acute state, always use the 980nm laser. After the pain has subsided, gradually introduce the 905nm laser for a more intensive healing process.





The eyes must be closed during this protocol – keep the eyelids of the animal closed with your fingers.

SECTION 12

NEUROLOGY 3

12 mins

Protocol time.

1 x daily

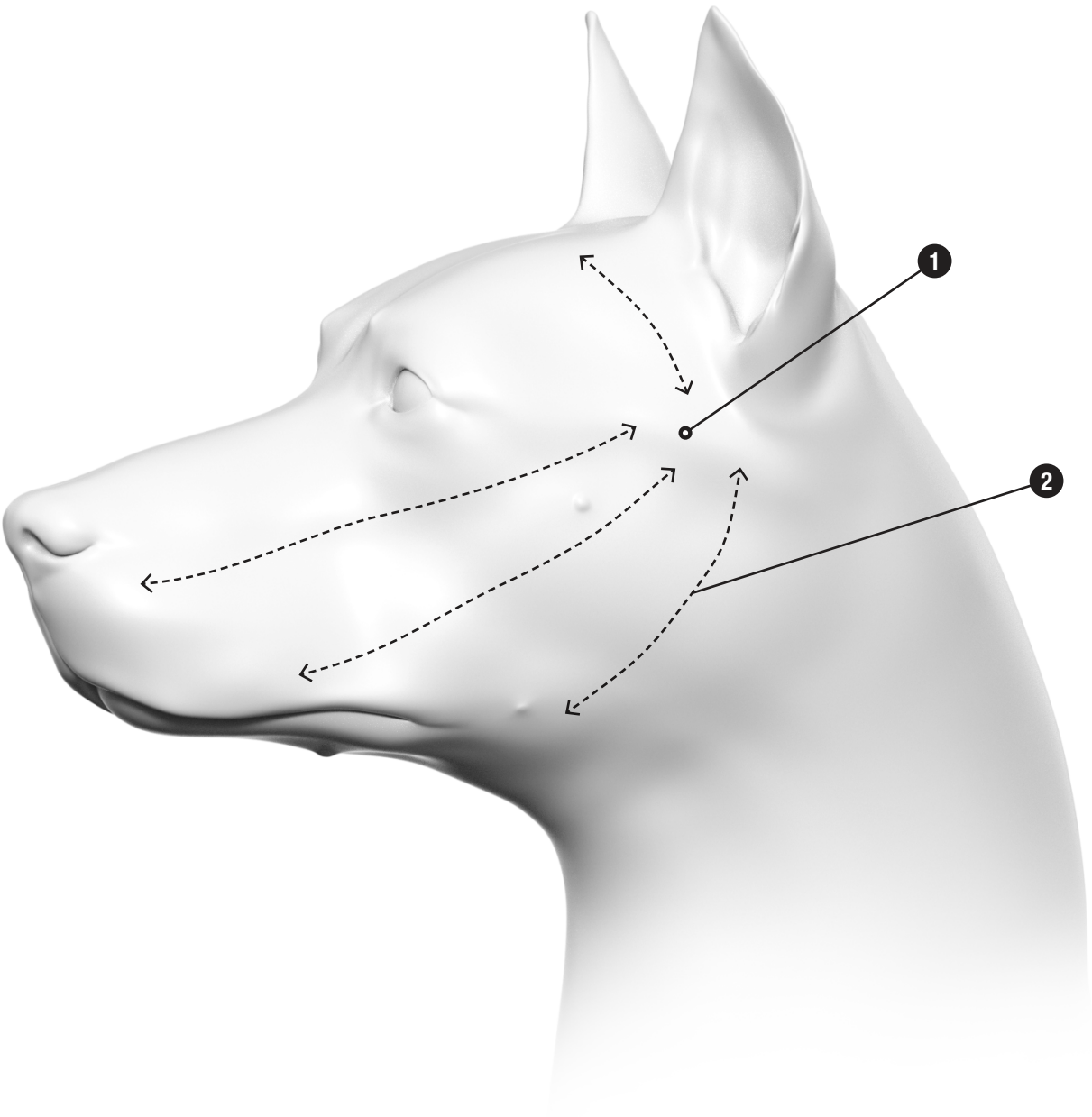
Until significant improvement.

Allow 1 month rest and repeat course if needed.

- TRIGEMINAL NERVE NEURALGIA
- TRIGEMINAL NERVE NEUROPATHY
- TRIGEMINAL NERVE PARALYSIS

PROTOCOL POINT	⌚ MINS	📡 HZ
1 Trigeminal nerve, both sides of the head	2 per side	50
2 Scan branches of the trigeminal nerve, both sides of the head	1 per line	1000

i In an acute state, always use the 980nm laser. After the pain has subsided, gradually introduce the 905nm laser for a more intensive healing process.





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 12

NEUROLOGY 4

16 mins

Protocol time.

1 x daily

Every 2nd day for 20 days.

Allow 1 month rest and repeat course if necessary.

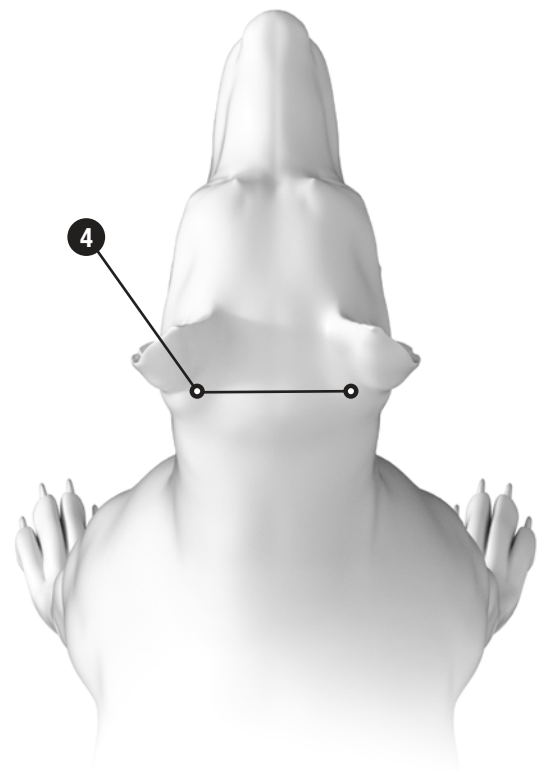
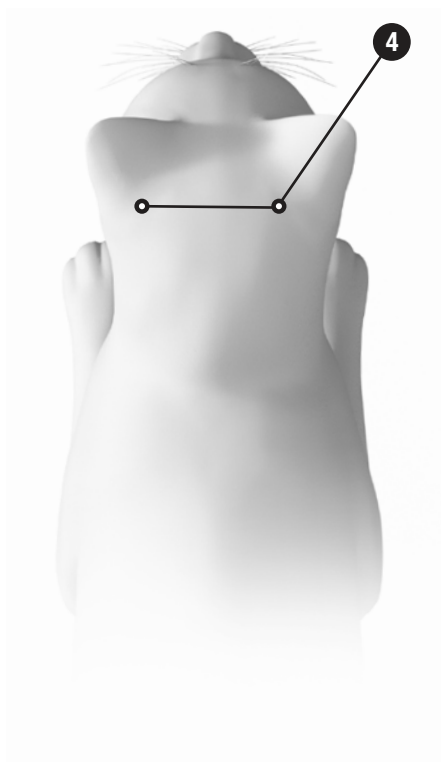
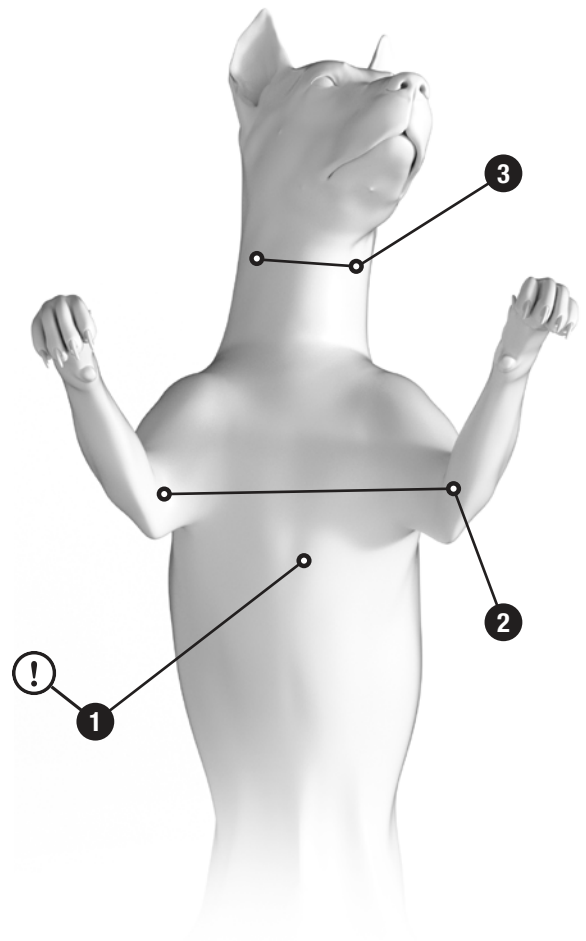
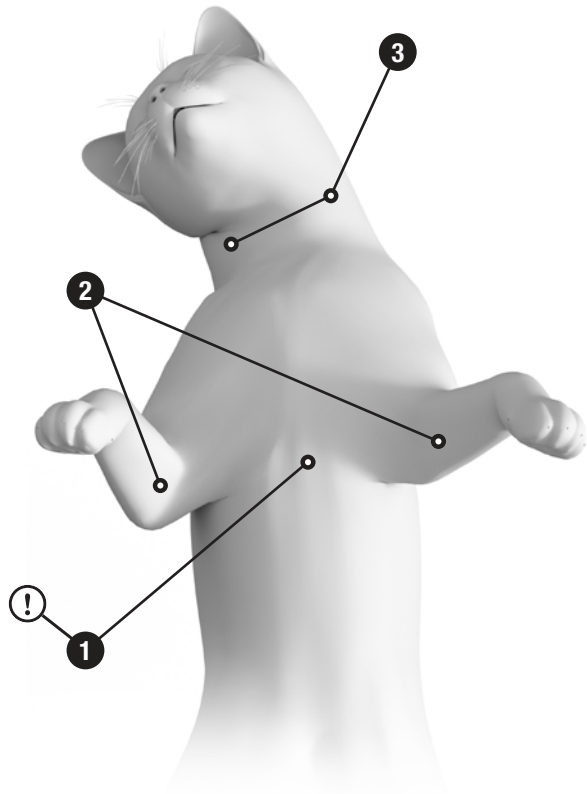
- EPILEPSY
- CONVULSIONS

PROTOCOL POINT		⌚ MINS	⚡ HZ
Day 1-7	1 Heart	2	5
	2 Ulnar arteries		
	3 Carotid Arteries	1	5
	4 Suboccipital		50

Day 8-20	MORNING
	Points 1-4 as above
	EVENING
	Apply NEUROLOGY 1

i After seizure apply [UNIVERSAL 5](#).

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 12

NEUROLOGY 5

48 mins +

Protocol time.

1 x daily

Every 2nd day for 20 days.

Allow 1 month rest
and repeat cycle until
improvement is noticed.

• FIBROMYALGIA

PART 1 MORNING

PROTOCOL POINT	 MINS	 HZ
As shown in the diagram, both sides	1 per point	5 then 50

PART 2 EARLY EVENING

Apply [UNIVERSAL 3](#) every 2nd day

PART 3 EVENING

Apply [UNIVERSAL 5](#) every day

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 12

NEUROLOGY 6

 **10** mins ±

 **17** mins ±



Protocol time.

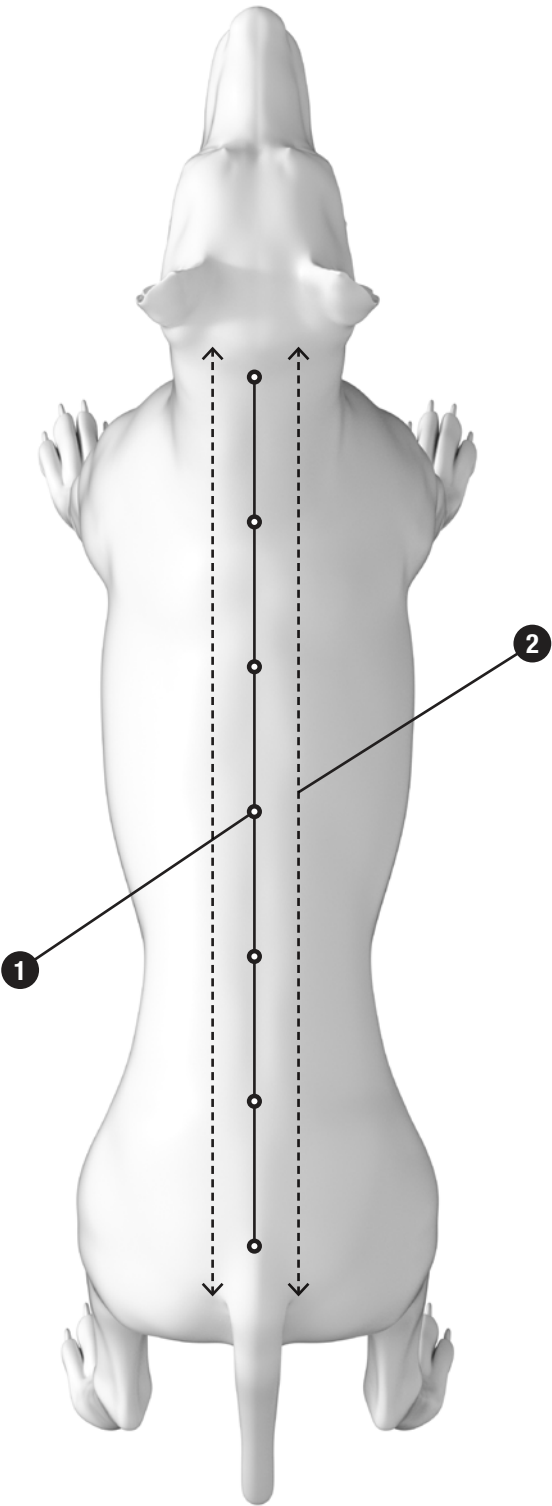
1 x daily

Do continuously (without rest periods) until definite improvement is noticed.

Thereafter treat every 2nd day for 14 more days.

- TREMORS
- SEIZURES
- MOVEMENT DISORDER

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 From coccyx to occiput at 10cm intervals	1		1000
2 Scan along both sides of vertebral column	 2	 5	Variable (V)
Apply UNIVERSAL 5			
Apply UNIVERSAL 3 every 2 nd day			



SECTION 13

ENDOCRINOLOGY

Diabetes and hormonal imbalance



IMPORTANT!

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

Treatments with the 905nm laser enables faster recovery than with the 980nm laser especially in cases of serious disease.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 13

ENDOCRINOLOGY 1

 **15 mins**

 **22 mins**

Protocol time.



1 x daily

Every 2nd day for 20 days.

Allow 3 weeks rest then repeat. Continue until the blood sugar level reaches normal and insulin is no longer needed.

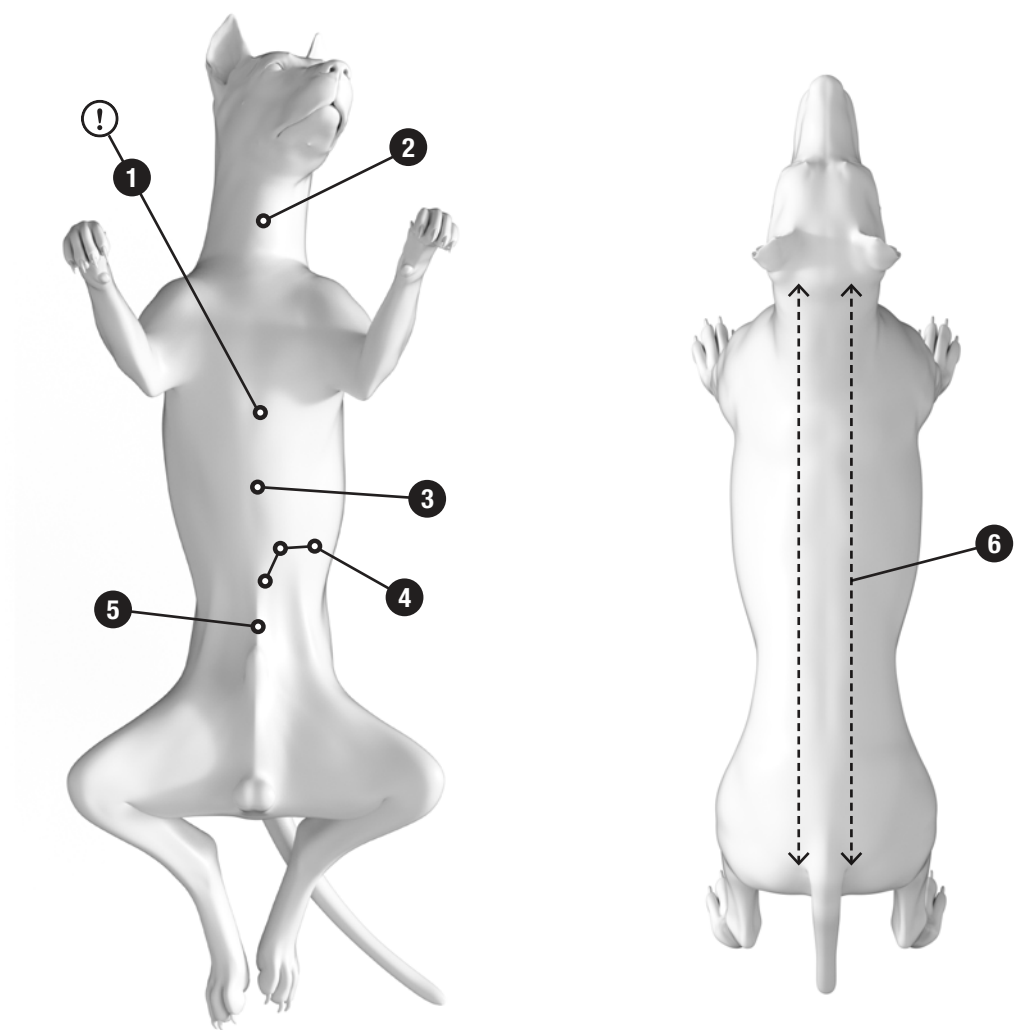
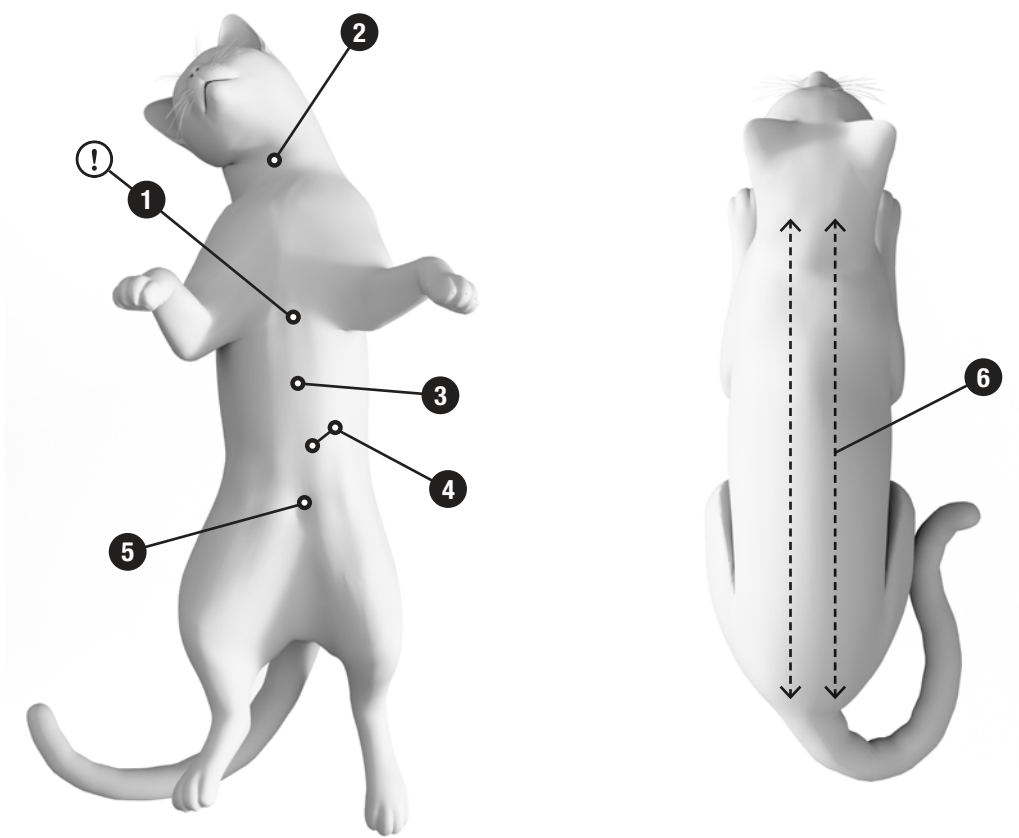
Thereafter do once every 3 months, or whenever needed, to maintain the correct blood sugar levels.

- GLUCOSE INTOLERANCE
- INSULIN RESISTANCE
- DIABETES MELLITUS

PROTOCOL POINT	⌚ MINS (per point)		📡 HZ
1 Heart	1		5
2 Thyroid			50
3 Epigastrium	2		5
4 Pancreas			
5 Umbilicus			
6 Scan both sides of vertebral column	 2	 5	1000

i Under NO circumstances should medical supervision be suspended before full recovery has been achieved. If insulin has been prescribed this should also NOT be stopped until a medical doctor confirms that this is no longer necessary.

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 14

IMMUNOLOGY

Thyroid, autoimmune,
immunodeficiency
and infections



IMPORTANT

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.

4

If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 14

IMMUNOLOGY 1

 **19** mins

 **30** mins

Protocol time.

1 x daily

Until definite improvement is noticed.







Allow a period of 2 weeks rest and then repeat cycle until full recovery.

- AUTOIMMUNE DISEASES
- RHEUMATIC DISEASES
- IMMUNODEFICIENCIES
- POST-VACCINE COMPLICATIONS
- BABESIOSIS

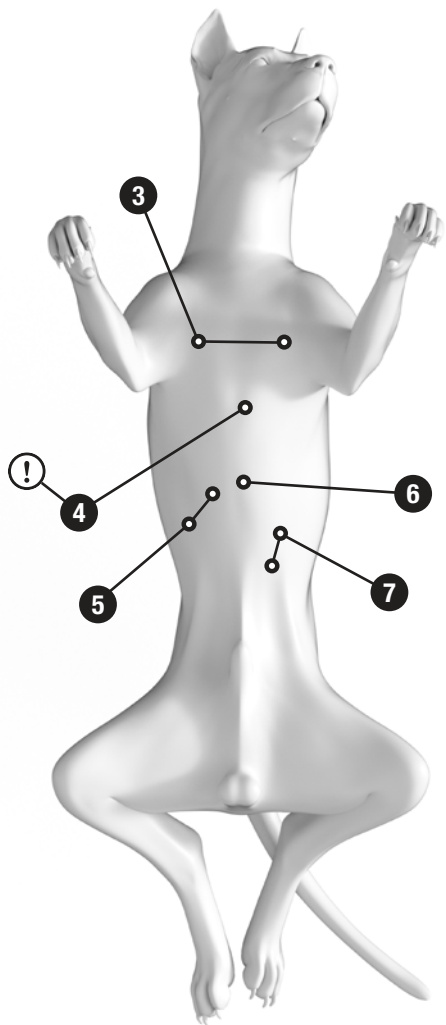
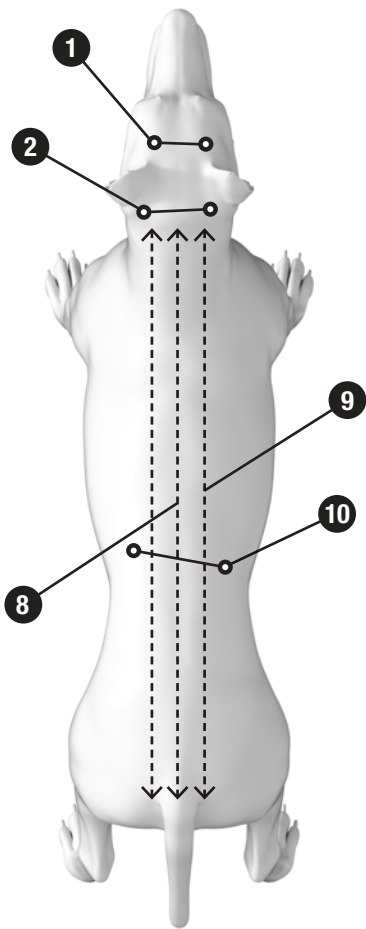
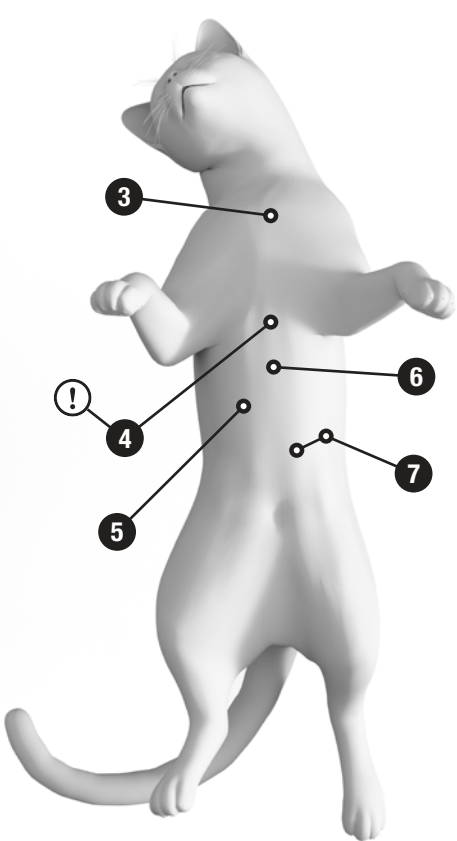
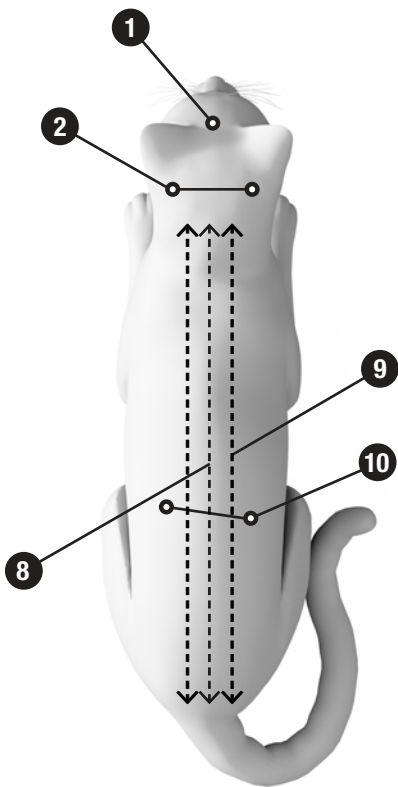
PART 1 MORNING

- 1 Apply [UNIVERSAL 5](#)
- 2 Apply [UNIVERSAL 3](#) every 2nd day

PART 2 EVENING

PROTOCOL POINT	 MINS (per point)		 HZ
1 Frontal (both sides)	1		50
2 Suboccipital (both sides)			
3 Axillary arteries	1		5
4 Heart	2		
5 Liver	1		50
6 Epigastrium	2		
7 Spleen and pancreas	1		
8 Scan from coccyx to occiput	 2	 5	1000
9 Scan vertebral column, both sides	 2	 5	Variable (V)
10 Kidneys	1		5 then 50

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.





In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 14

IMMUNOLOGY 2

 **24** mins

 **35** mins

Protocol time.

1 x daily

Every 2nd day until definite improvement is noticed.



Allow a period of 2 weeks rest and then repeat cycle until full recovery.

- THYROID DISEASES
- THYROIDITIS
- HYPERTHYROIDISM
- HYPOTHYROIDISM
- THYROTOXICOSIS

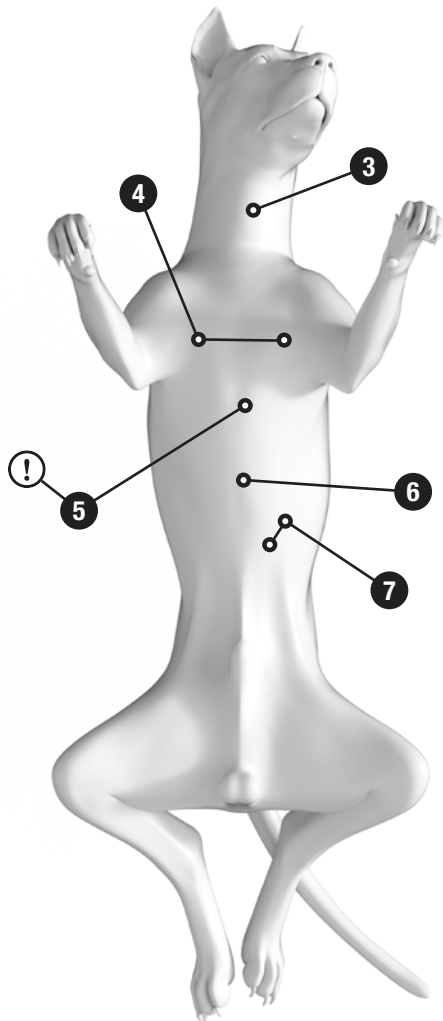
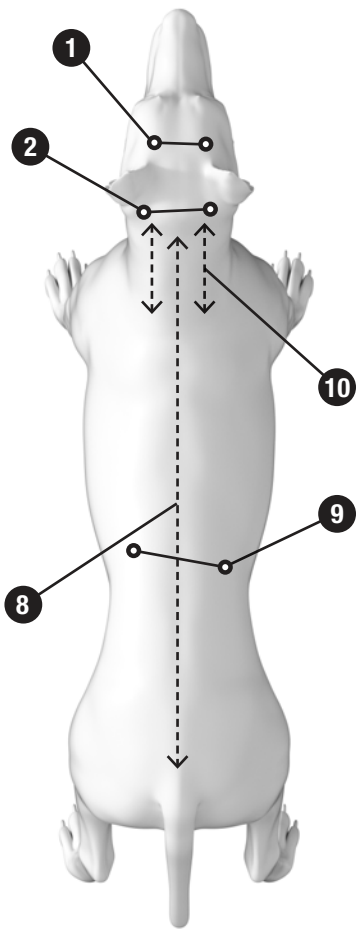
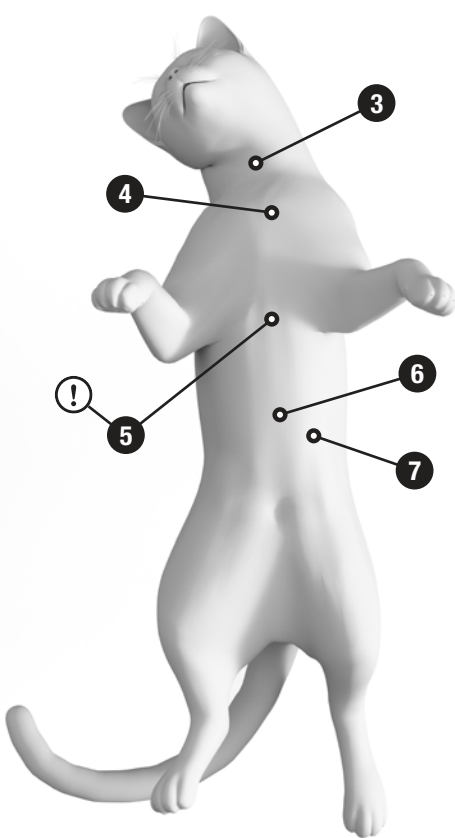
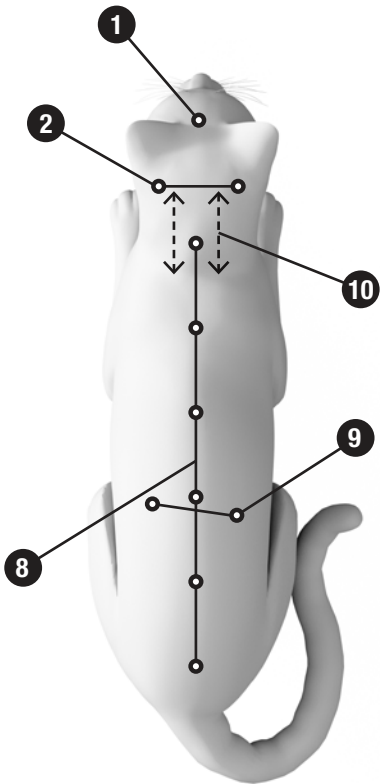
PART 1 MORNING

Apply [UNIVERSAL 3](#) every day

PART 2 EVENING

PROTOCOL POINT	⌚ MINS (per point)	⚡ HZ
1 Frontal (both sides)	1	50
2 Suboccipital (both sides)	1	50
3 Thyroid gland	2	50
4 Axillary arteries	2	5
5 Heart	2	5
6 Mid-distance between xiphoid process and umbilicus	2	50
7 Spleen	2	5
8 Scan from coccyx to occiput	 2  5	1000
9 Adrenal glands	2	5
10 Scan vertebral column, both sides	2	Variable (V)

i If the animal is severely exhausted, always use coMra therapy devices with the 980nm laser to do the first 1-2 courses of treatments to build up the body's resources. Once the animal has overcome the initial exhaustion and depletion, gradually introduce devices with the 905nm laser for a more intensive healing process.



SECTION 15

ONCOLOGY

Cancer



IMPORTANT

1	In treating the heart area NEVER use a frequency other than 5Hz.
2	For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.
3	A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.
4	In treating cancer, always start with the 980nm laser to build the body's resources. When there are signs of systemic improvement, gradually introduce the 905nm laser for a more intensive healing process.



The protocol is intended for treatment, rehabilitation and prevention of oncological disorders (benign or malignant) at any stage.

The diagrams show two examples of how to choose points of treatment depending upon where the cancer is located within the body. After having chosen points for irradiation proceed as follows:

SECTION 15

ONCOLOGY 1

24 mins +

Protocol time.

1 x daily

Every 2nd day for 30 days.

Allow 2 weeks rest and repeat cycle.

Thereafter treat every 3 months if still necessary, until all traces of the cancer are gone.

- BENIGN OR MALIGNANT NEOPLASM
- CARCINOMA (CANCER)

PART 1 MORNING

PROTOCOL POINT	 MINS	 HZ
As shown in the diagram	2 per point	5 then 50

PART 2 MIDDAY

Apply [UNIVERSAL 3](#) once per day

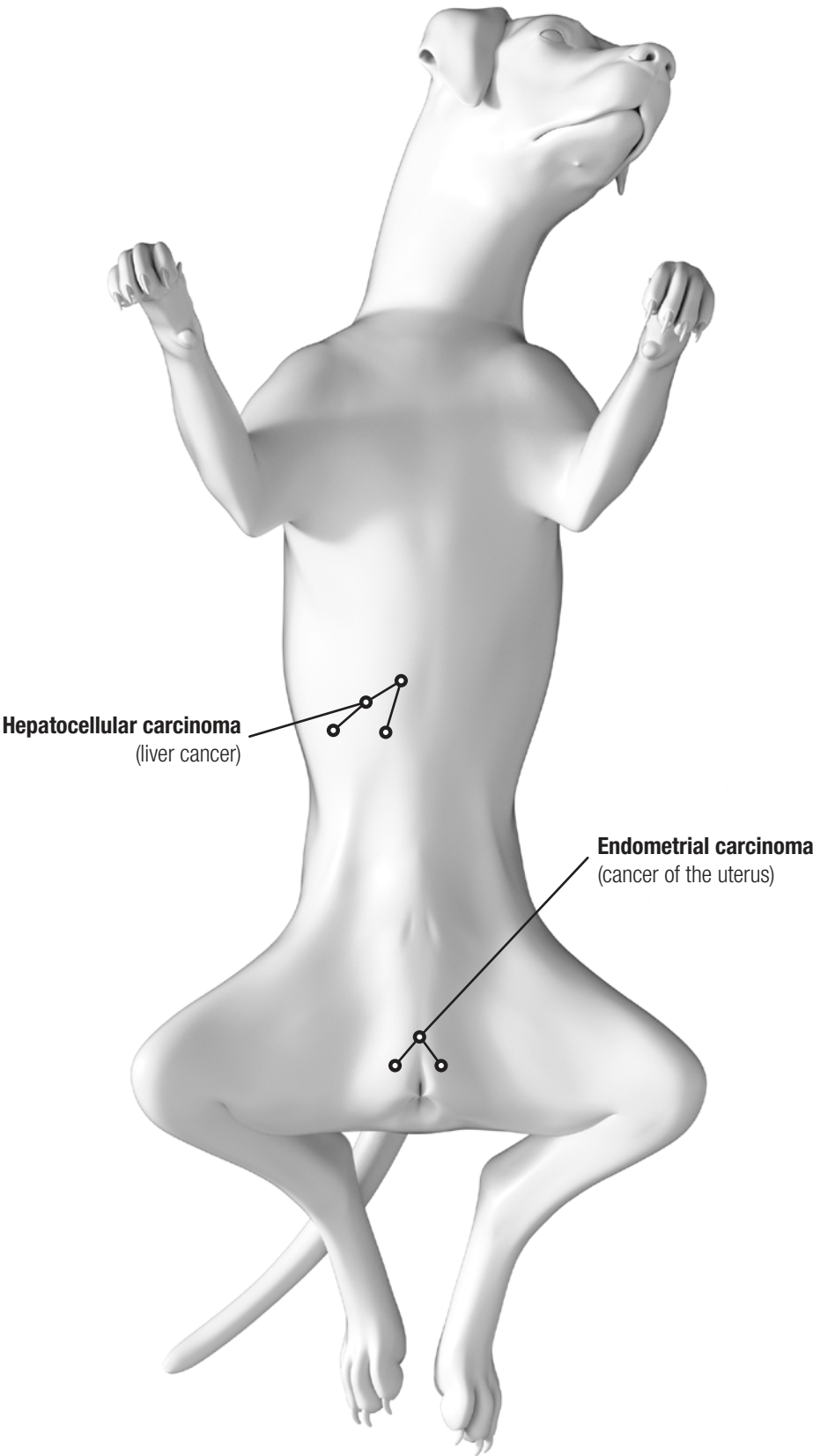
PART 3 EARLY EVENING

Apply [UNIVERSAL 5](#) once per day

PART 4 EVENING

Repeat PART 1

i In treating cancer, always start with the 980nm laser to build the body's resources. When there are signs of systemic improvement, gradually introduce the 905nm laser for a more intensive healing process.



SECTION 16

DERMATOLOGY

Skin disorders



IMPORTANT

1

In treating the heart area NEVER use a frequency other than 5Hz.

2

For dogs of small size (for e.g. pug, chihuahua), rabbit, hare follow the instructions for cat.

3

A number of protocols in this user guide are complex protocols in which several stand-alone protocols have been combined to form one course of treatment. If in such cases more than one of the individual protocols calls for the heart area to be treated, ensure that this is done only once during a treatment session.



In treating the heart area NEVER use a frequency other than 5Hz.

SECTION 16

DERMATOLOGY 1

 **17 mins**

 **18 mins**

Protocol time.



1 x daily

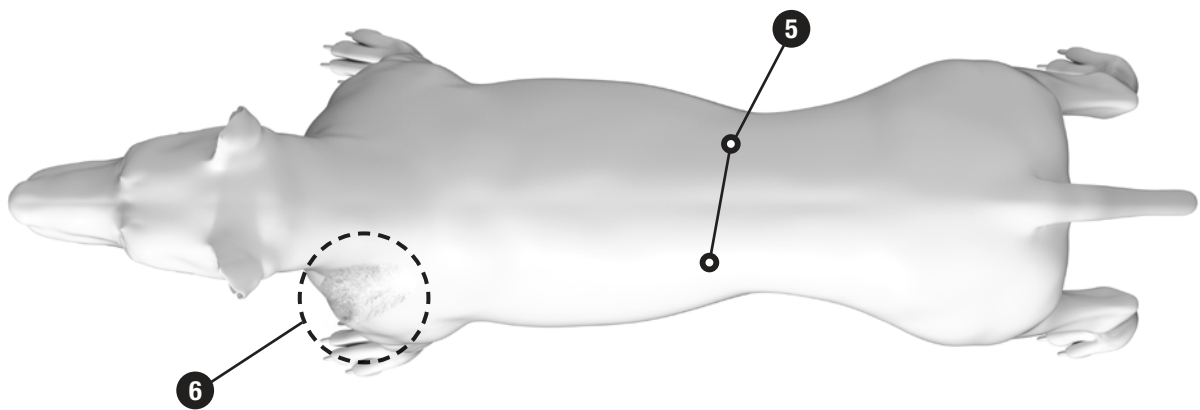
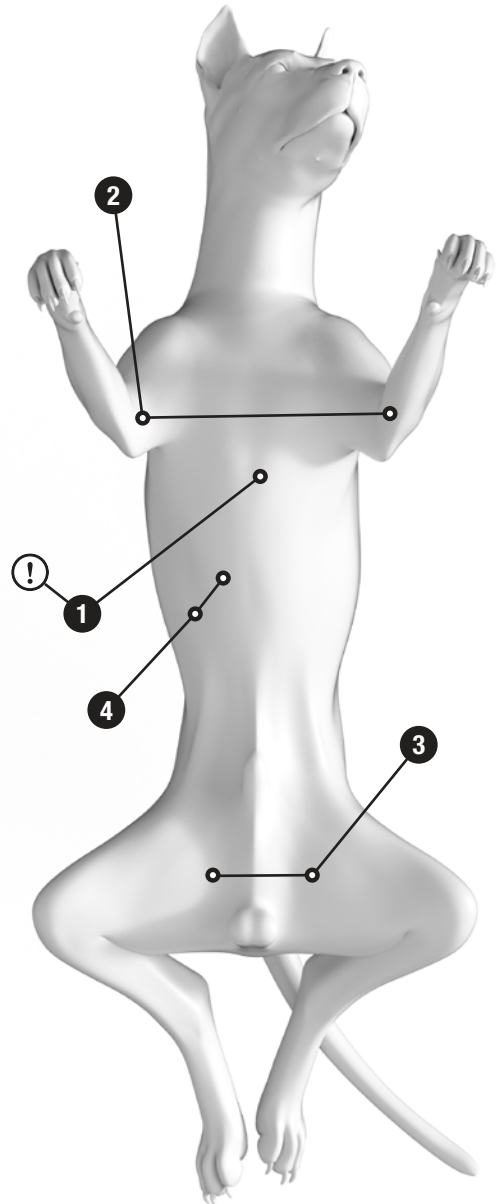
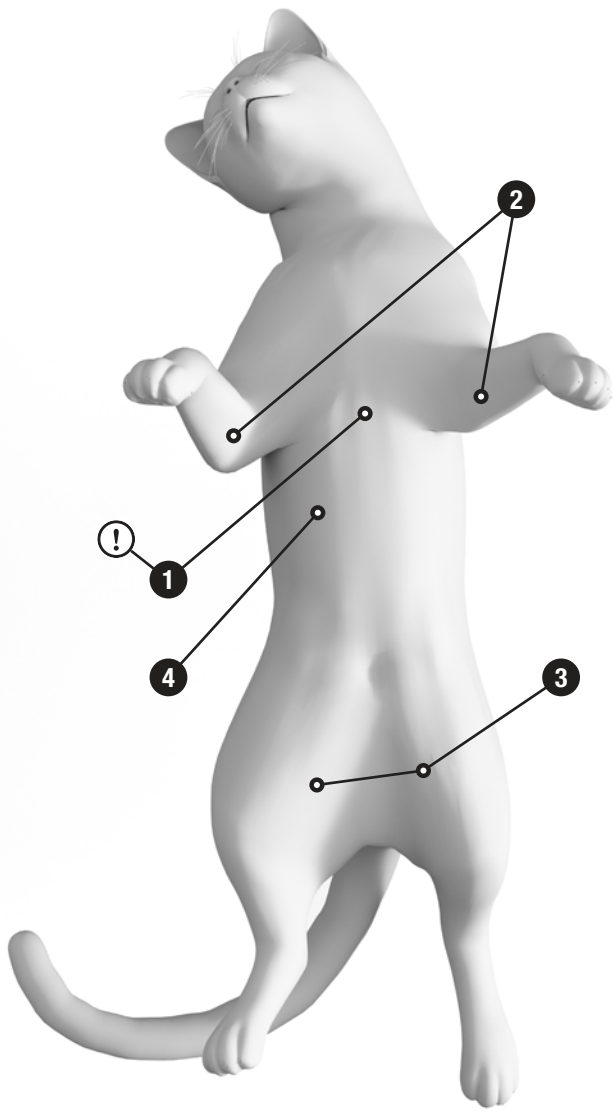
For 14 days.

Allow 3 weeks rest and repeat if necessary.

Thereafter treat every 3 months if ailment re-occurs.

- ECZEMA
- NEURODERMATITIS
- ALLERGIES
- ATOPIC DERMATITIS

PROTOCOL POINT	 MINS	 HZ
1 Heart	2	5
2 Ulnar arteries	1	
3 Femoral Arteries		
4 Liver	2	
5 Kidneys	1	5 then 50
6 Scan the affected area	2 per 5x5cm	1000
Apply <u>UNIVERSAL 5</u>		



SECTION 16

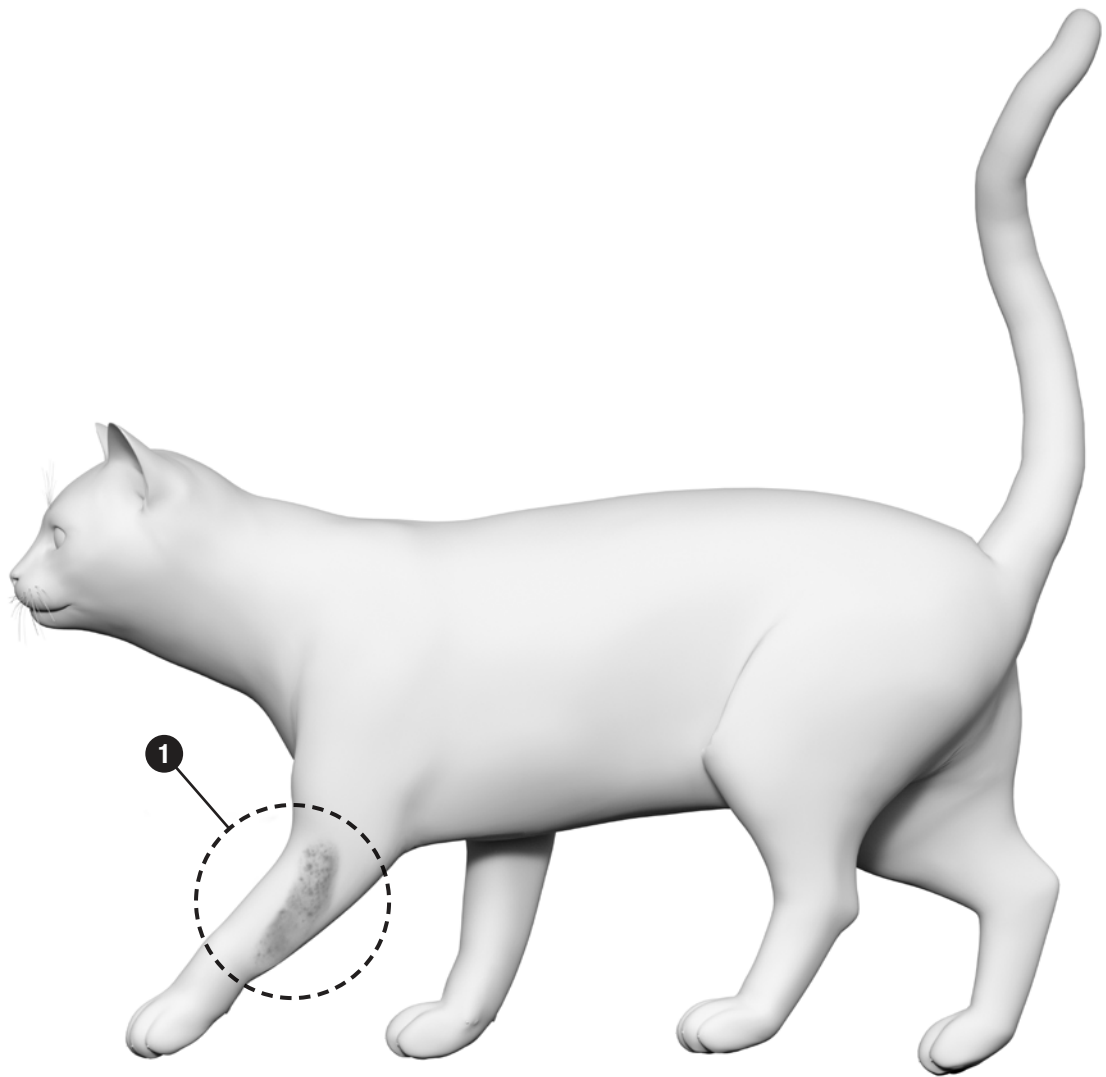
DERMATOLOGY 2

10 mins \pm
Protocol time

1 x daily
Until completely cleared.

- DERMATITIS OF UNKNOWN ETIOLOGY
- ACNE

PROTOCOL POINT	 MINS	 HZ
1 Scan the affected area	5 per 5x5cm	1000







SECTION 16

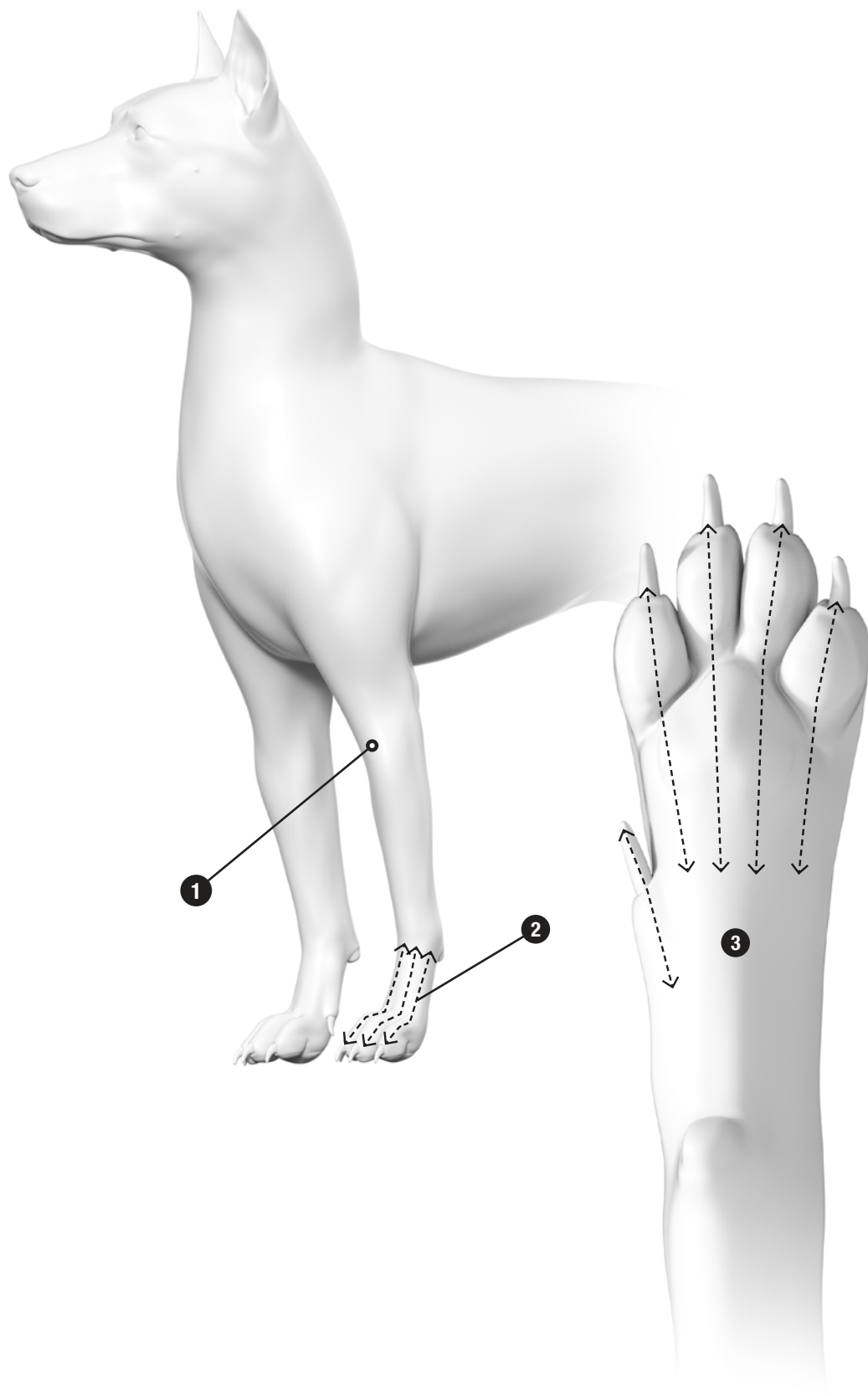
DERMATOLOGY 3

20 mins \pm
Protocol time

1 x daily
Until completely cleared.

- PODODERMATITIS
- INGROWN NAIL

PROTOCOL POINT	 MINS (per point)	 HZ
1 Closest artery to the affected area	1	5
2 Scan the top of paw	1	1000
3 Scan sole of paw	 2  5	50 then Variable (V)





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