

THERAPY BY ELISPHERIC MOVEMENT

For animal health & wellness

For years, Allcare innovations has operated in the fields of functional rehabilitation, physical medicine and human rehabilitation. We have developed a range of unique motorized platforms to the needs of healthcare professionals working in the field of biomechanics.



A meeting with veterinarian Dr. Ludivine Jacquemin-Bietrix resulted in the development of a specific mobilization platform. Together we created a platform dedicated to the physical health and well-being of animals.



Unique worldwide innovative technology for animal health and wellness.

Rehabilitation, functional rehabilitation, post-orthopedic or neurologic surgeries, even early.

Health prevention, gentle therapy for older or aging animals for maintenance of their autonomy.

Sport, racing or working dogs' training, to improve their performance and prevent injuries.

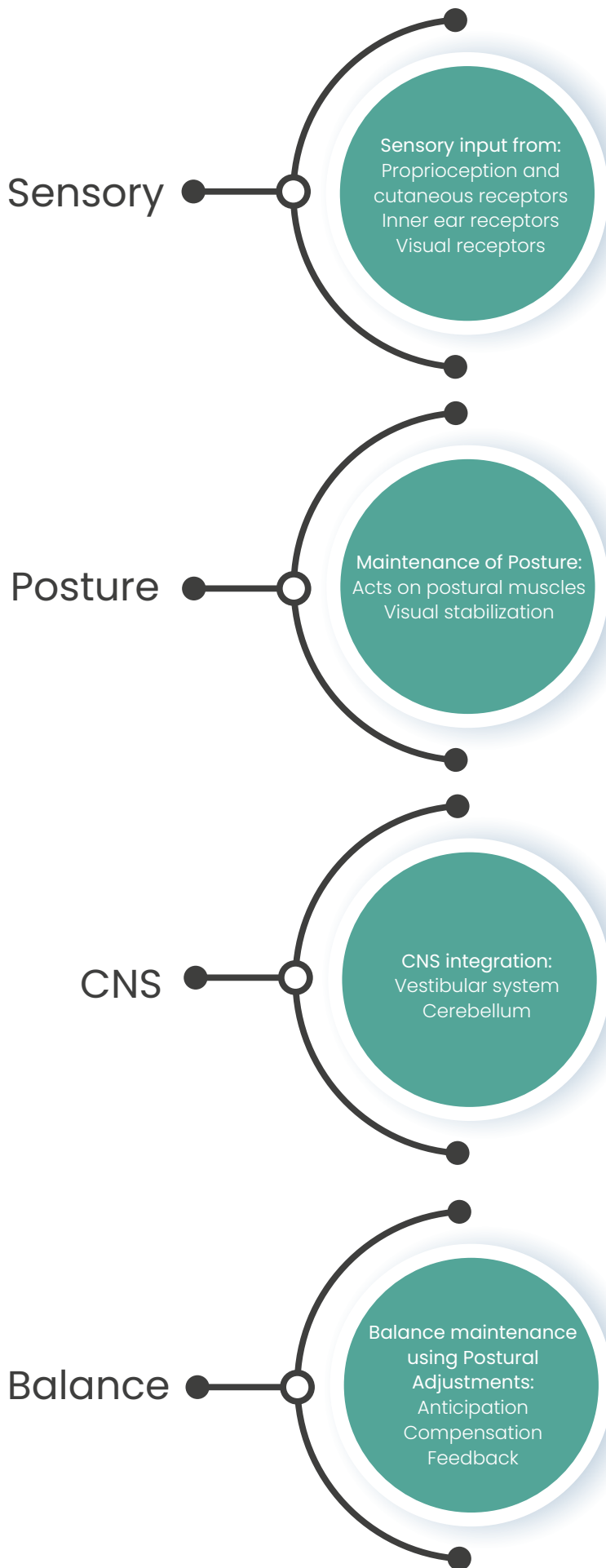
Fitness training and adapted physical activity for sedentary and fat animals.



- **Therapeutic Applications**
 - Post Orthopedic Surgery.
 - Post Neuro Surgery.
 - Following immobilization.
 - Return to a satisfactory level of mobility for older and / or obese dogs
 - Unbalanced posture ...
- **Preventive Applications**
 - Maintaining satisfactory mobility: sedentary animal, overweight animal ...
 - Prevention of disabling loss of mobility before surgery in a elderly or overweight animal.
 - Preparation for resuming a sporting activity (hunting dog, competition dog, ...)
 - Get back in shape after a period of convalescence. Recovery for the female dogs breeding after calving ...
 - Prevention of musculo-tendon injuries.
 - Training of the sport dog and the working dog.
- **Benefits**
 - Diagnostic and care tool.
 - Practitioner's working comfort.
 - Physiological mobilization, non-invasive.
 - Controlled, progressive and reproducible mobilization.
 - Soft and quiet work, very well tolerated by animals.
 - Functions accessible via the touch screen.

Mobility | Health | Agility | Vitality

INNOVATIVE SOLUTIONS FOR BODY HEALTH AND WELLBEING



Physiology of Balance

Neuromotor Reprogramming

PROPRIOCEPTION
MUSCLE STRENGTHENING
NEUROLOGICAL STIMULATION

By placing the animal on an unstable platform, imoove-vet stimulates all regulatory means of balance and postural maintenance.

Two simultaneous areas of work are particularly interesting:

PROPRIOCEPTIVE WORK

Proprioceptive rehabilitation or neuromotor reprogramming seeks to provoke motor responses to sensory stimulations. It plays a major role in neuro-rehabilitation as well as in orthopedic pathology rehabilitation.

Increase in muscle mass and improvement in the quality of the contractions can be expected, as well as a reprogramming of the nervous system, leading to its reorganization. The concept of neuroplasticity implies that the neurological state is not fixed in time.

Therefore, degradation in proprioceptive acuity is not inevitably irreversible.

POSTURAL MUSCLES STRENGTHENING

Postural Muscles consist of aerobic fibres. It is mostly this muscle type that is affected in locomotor pathologies, mainly for the following reasons:

- Non-usage due to pain, kinesiophobia, paralysis, functional motor amnesia (disappearance of or incorrect stance, disappearance or diminution of normal motionless standing position).
- Immobilization or restriction of activity.

This musculature can be permanently lost without rehabilitation because of the resulting vicious circle:

Without proper functional recovery, we may wrongly believe that the orthopedic or neurological pathology – or even the pain – are still present.

**PAIN
INSTABILITY
IMMOBILIZATION
PARALYSIS**

NON USAGE

**POSTURAL
AMYOTROPHY**

**POSTURAL DIFFICULTIES
EVEN AFTER PAIN RELIEF,
BALANCE CORRECTION
OR NEUROLOGICAL
RECOVERY**

DIMINISHED USE



IMOOVE-VET 3D ELISPHERIC® MOVEMENT

3D destabilization platform with an unique worldwide physiological movement.



TECHNICAL SPECIFICATIONS

- Touch Screen.
- Speed of rotation: 0-60 revs /minute.
- Level: 0 - 8 degrees.
- Free menu : Level, speed, movement direction (intensity change of rotation), time.
- Random movements: 6 configurable modes.
- Small footprint for a minimum space.
- Compact, ergonomic design.
- No consumables.
- Adjustable screen

- Dimensions:

Platform height = 290 mm

Diameter = 900 mm

H = 1420

P = 1160

L = 920



French designer-
manufacturer





Your partner in animal healthcare.

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