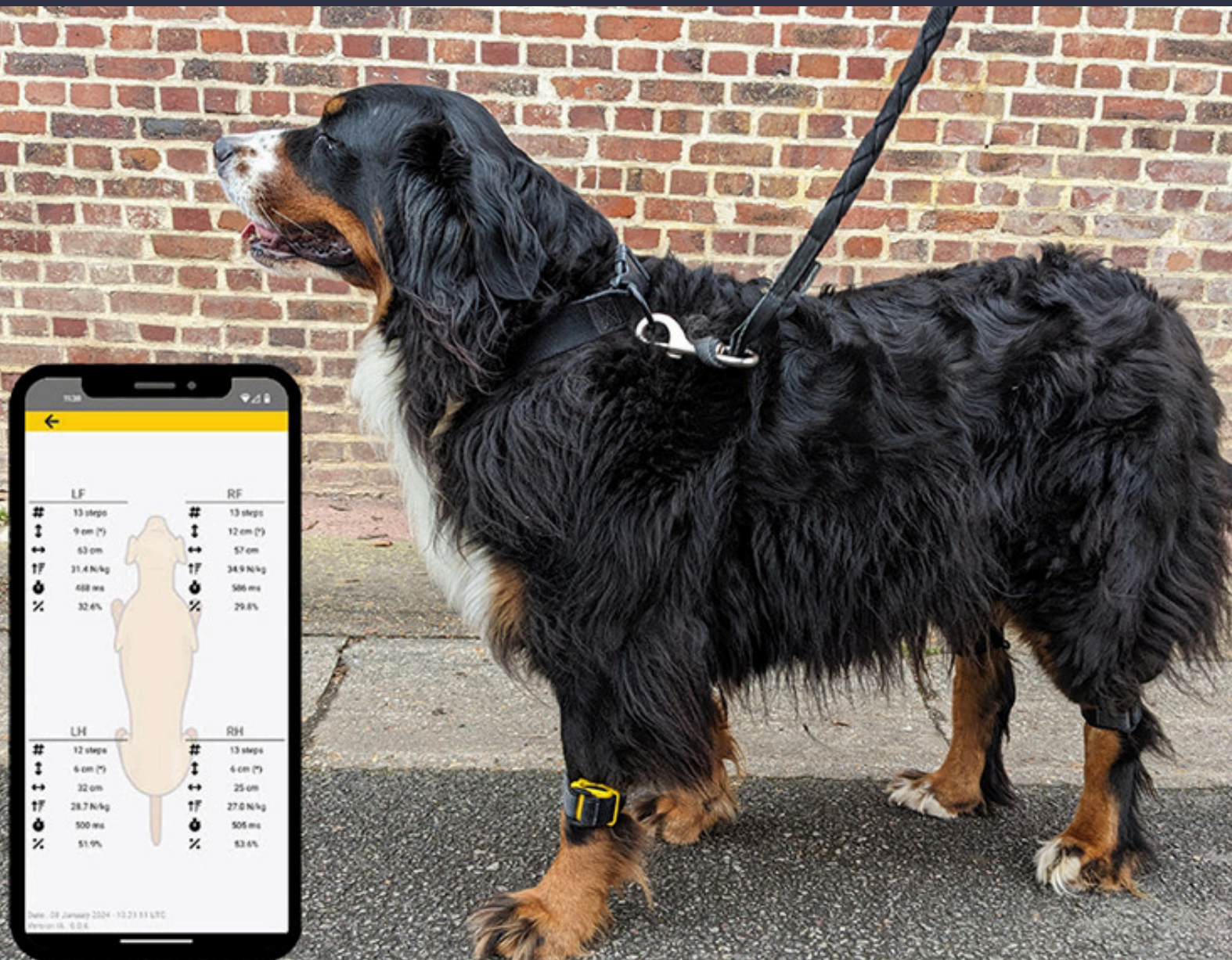




Tendiboots™ canine

Canine gait analysis in motion



Our story

Initially coming from the equine world, in 2016 we developed the horse locomotion evaluation technology Tendiboots™ for equine veterinarians.

Hence our name Ekico for "equine practice connected!"

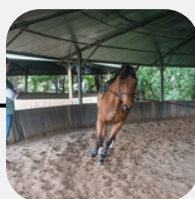
We now put all our experience and know-how at the service of canine practitioners for the detection and monitoring of locomotor problems in dogs.

Join our community of more than 250 professionals around the world who participate in the development of our technologies dedicated to veterinary medicine.



2016

Ekico's incubation



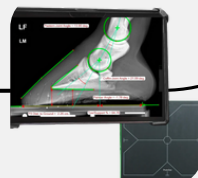
2018

The launch of Ekico



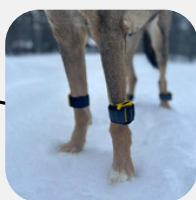
2022

Tendiboots™ Equine



2021

Metron software partner



2024

Tendiboots™ Canine

**Morgane
Gérout-Juban**

Co-founder



**Stéphane
Juban**

Co-founder

Research work

IAVRPT 2024
selection

Evaluation of different induced lameness grades in dogs : A preliminary comparative analysis using a novel sensor-based system

This study investigates the biomechanical repercussions of induced lameness in dogs using a novel sensor-based system.

Findings indicated that inducing lameness, particularly with larger semi-spheres, leads to significant alterations in weight distribution and peak ground reaction forces, resulting in pronounced asymmetries between the forelimbs.

Furthermore, external veterinary assessments of lameness grade using video footage show a good correlation with the asymmetry index, suggesting the potential of this sensor-based gait analysis system as a reliable tool for detecting and quantifying induced gait alterations. While preliminary findings are promising, further research with larger sample sizes and broader biomechanical parameters is warranted to enhance the generalizability and robustness of the findings.

ESVOT 2024
selection

Detection of lameness in dogs and identification of the affected limb using a feedforward neural network classifier: a preliminary study based on field data.

This paper presents a preliminary study investigating the feasibility of using an automated classifier to diagnose lameness and detect the affected limb in dogs.

Based on data collected with a connected sensor-based system during clinical examinations and gait analysis sessions performed by fifteen veterinarians on over one hundred different dogs, this study aims to develop and validate a deep learning model capable of identifying and localizing lameness of various etiology.

First results demonstrated promising levels of accuracy for a preliminary version trained on a relatively small and heterogeneous dataset.

Everything that **Tendiboots™ Canine** solves for you!



- ✓ Objectivity
- ✓ Easy to detect slight gait unbalance
- ✓ Accurate monitoring of gait evolution
- ✓ Confirming objectively the clinical observation
- ✓ Inexpensive and simple tool to implement

Other gait analyzers



Stance analyzer

Static data
> 5 000 €



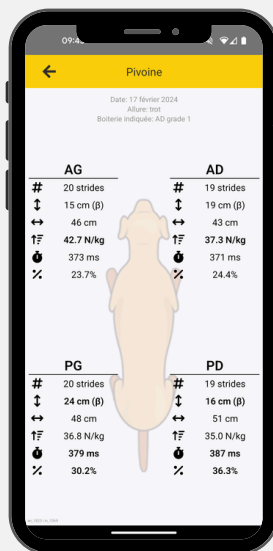
CanidGait

Dynamic data
> 29 000€

Tendiboots™ canine



Patented sensor optimised for fast movements providing the highest levels of accuracy in the market.



A highly user-friendly interface and seamless user experience provide five key locomotion parameters in just seconds. It enables the easy detection of subtle gait imbalances and allows for continuous monitoring of locomotion over time.



The sensors are easily positioned on the front and rear legs.

Tendiboots™ canine easily fits all dogs, thanks to its attachments.

With an outstanding dog acceptance rate of over 95% according to our users, we're your go-to choice for a pet-friendly experience!

Quick and easy to use



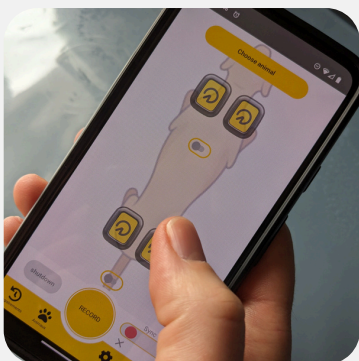
1

Place the Tendiboots™ in just a few seconds



2

Record your dog using the Tendiboots™ mobile app for 10 seconds while trotting in a straight line.



3

Receive directly on your smartphone 5 objective parameters of dog locomotion

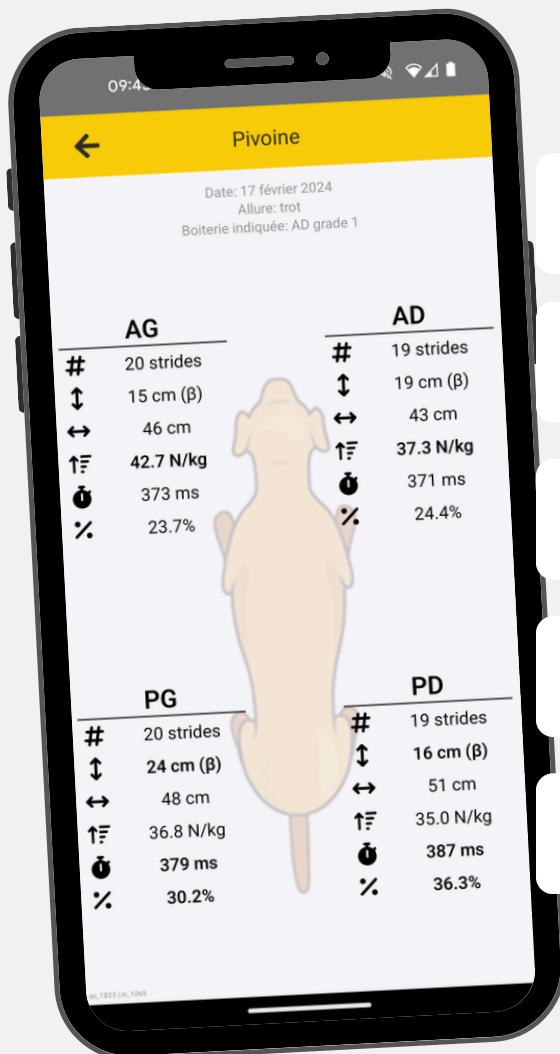
Data collected & help with interpretation

The Tendiboots™ mobile application is made up of a veterinary artificial intelligence that is regularly trained and updated.

All of our users benefit from these improvements free of charge.

This mobile app also helps you with its hints for the data interpretation.

It tells you in one click the data that falls outside the norms usually recorded in healthy dogs.



Stride height : Average stride height during the swing phase, representing the upward motion.



Stride length : Average stride length during the swing phase, representing the forward motion.



Impact force : Average vertical ground reaction force of each stride recorded at landing.



Stride duration : Average time between two landings of the same limb.



Ground support time : Duration during which the paw is stationary, between landing and push-off.

Words from **equipped professionals**



“Easy, very good acceptance of dogs, put in evidence even very slight gait unbalance”

 **Dr Andrea Földy**



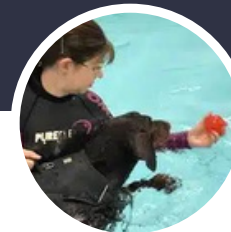
“Everything is going well with the tool! Very easy to navigate and we are getting some good use out of them.”

 **Dr Lisa Woodside**
Ready to Go Veterinary Rehabilitation



“I really enjoy this product. And so affordable compared with other products that give the same data.”

 **Dr Steve Denley**
Balance Vet Rehab



“I use the report analysis to assist and inform veterinary diagnoses, follow up to see the effectiveness of treatment/therapy and also to monitor stability/decline in patients with a long term condition.”

 **Squirrel Lodge Centre**

Tendiboots in numbers



present in
24 COUNTRIES



OVER 30000
locomotion
analyzed



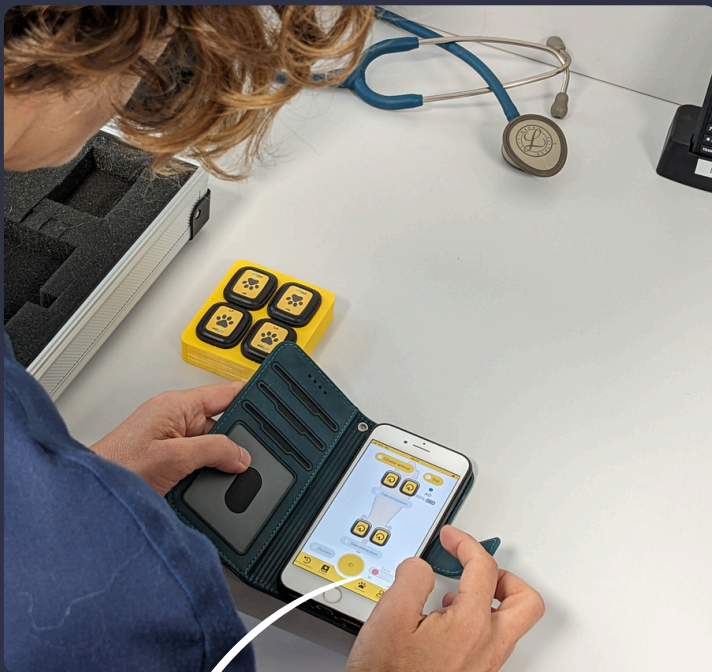
+95%
Acceptability rate



Tendiboots™ canine **pricing**

Join our global community of practitioners empowered by Tendiboots™ Technologies. Experience a **seamless onboarding process**, personalized to fit effortlessly into your daily practice.

Our dedicated customer care team is committed to ensuring **your complete satisfaction** every step of the way. Plus, enjoy peace of mind with our **2-year warranty**.



Including the mobile application with all its updates.

Including 4 canine Tendiboots™ in an easily transportable case



Tendiboots™ Canine complete set

3600€

Would you like to join our community of veterinarians equipped with Tendiboots™?

medlaser

medlaser+it gmbh
Medizintechnik und IT

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[Schedule a meeting with our team](#)

