

We all have seen or know how most animals get distressed when a vet or a nurse attempts to measure a vital sign. Unfortunately, until now, the only way of obtaining vital signs of animals has been through physical contact with the use of stethoscopes, wires, or sensors.

TruVitals™ is committed to improving the quality of veterinary care worldwide by transforming the way vital signs are measured and recorded. To that end, we have developed a technology called *VitalPet™*, which measures the vital signs of an animal without physical contact.

VitalPet™ can provide stationary monitoring of an animal's breathing rate and motion without any contact or sensors attached to the body.

VitalPet™ will continuously collect the animal's vital signs and deliver the information to multiple devices via Windows, Apple, or Android platforms. Measurements can be provided in real-time or stored in the cloud.



TruVitals' VitalPet™ technology was developed by Dr. Jenshan Lin at the University of Florida and *TruVitals* is the sole licensee of this breakthrough technology.

VitalPet™ measures micro movements of the animal's chest (or back) using a double-sideband electromagnetic wave (micro-radar) to track and record pulmonary activity. Working on the same technology as Doppler radar, the antennae and receiver are all contained in one device about the same size as a tablet computer.

Contactless Vital Signs Monitoring of Animals



TruVitals' VitalPet will revolutionize the vital signs monitoring industry by providing contactless and continuous vital signs monitoring.

Benefits include:

Improving reliability over traditional vital signs measurements; reducing stress on animals from frequent contact; reducing the spread of disease from frequent contact; increasing the safety of caregivers; monitoring and storing vitals 24/7; use of portable devices including smartphones, tablets, and laptops; monitoring animals during treatment and recovery; and lowering the costs of care. *TruVitals'* first two products will be the *VitalPet™* and *VitalPet Webtrack™*:

VitalPet™ Allows for the continuous monitoring of vital signs of animals at any stationary location.

VitalPet Webtrack™ Allows for the continuous monitoring of vital signs from multiple devices at multiple facilities via a web-based interface. Thresholds and alerts can be set to automatically notify caregivers of adverse events.

Our first generation prototypes have been tested in clinical settings. *TruVitals* has a strong patent position with numerous patents under exclusive license. Our team has received awards such as the Florida High Tech Corridor Matching Grant, First Place Harvard New Venture Competition Central Region, and Enterprise Florida Phase-0 SBIR Grant.

TruVitals has an experienced management team in the medical device, high technology, and consumer products industries. Our advisory board has executives with extensive business experience leading startups and Fortune 100 companies.

TruVitals has collaborated with *Electric Sciences* and *LogicPD* to provide an integrated solution using proven technology based on industry standards. *TruVitals'* goal is to provide a quality product that meets our customers' expectations.



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