HT BioImaging Pet System

Real-Time, Non-Invasive, Non-Radiant and Highly Accurate Medical Imaging System for Cancer detection and classification
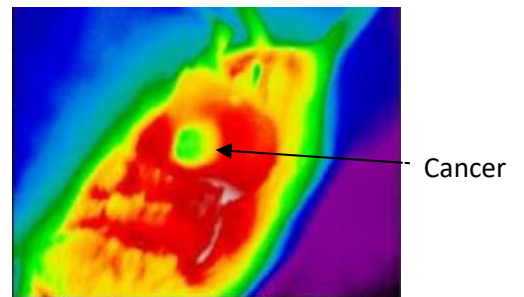
●Principle

The heat diffusion phenomenon of Cancer cells is different than its healthy cells.

HTBioImaging is the first company succeeded in rendering by analyzing the heat diffusion characteristics of a tissue, provides a new functional layer of high-resolution information in real-time.
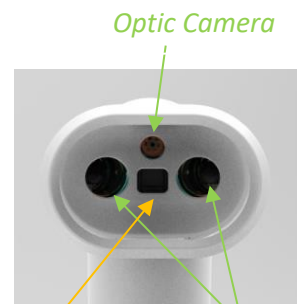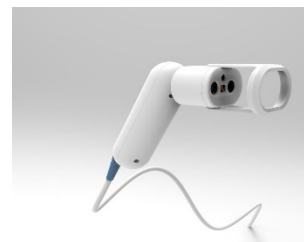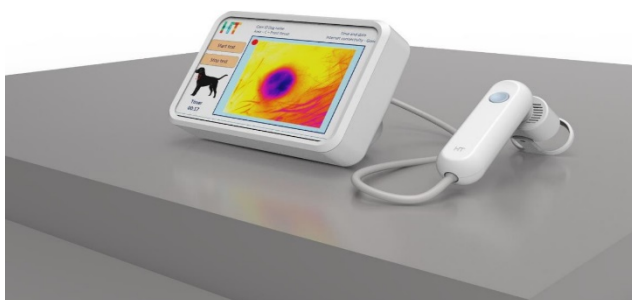
●Diagnosis Competence

Scanned lesions are assigned with a **Cancerous Probability** (0-100%) and **Lesion Classification** (ex; Lymph nodes cancer, Must cell tumor, Adenoma, etc.) in less than 1 minute.

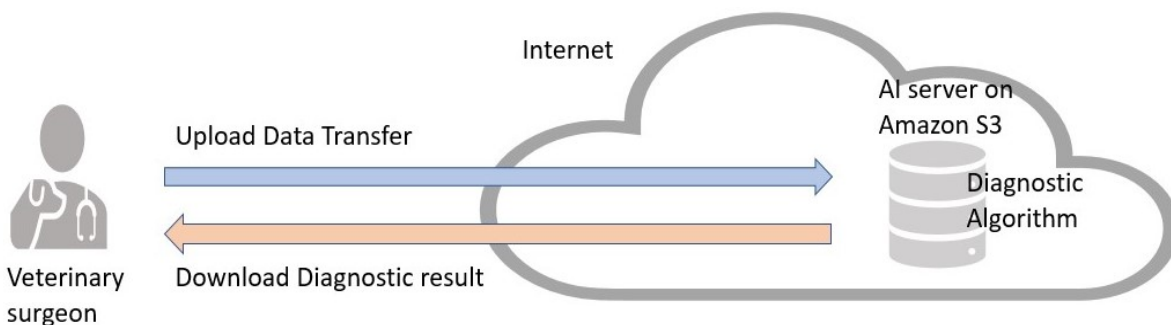Mice Pre-Clinical Trials

●System Outline

The Data captured by the Handheld Probe and transferred to the Control Unit is uploaded to HTBioImaging AI server on Amazon S3 cloud for real-time analysis.

Dedicated Machine Learning algorithm compares new case with existing database.

Results are transmitted back to the Control Unit and presented to the user in few seconds.

●Contact

Business development representative at Japan

CP&C Japan Partners

Shinichi Komatsu   komatsu@cpcjp.co.jp