

First Veterinary Imaging Using Seracam®

- First Feline Scintigraphy in Greece
- Images to be presented at Veterinary Medicine Forum

London, UK, 14 May 2026. Serac Imaging Systems Limited (“Serac Imaging Systems” or “the Company”), the medtech company developing ‘Seracam®’ a portable hybrid gamma-optical camera for medical imaging, and the [Feline Hyperthyroidism Treatment Centre](#), Athens, Greece, announce the first veterinary use of the camera, for imaging feline hyperthyroidism. In total eight cats with known or suspected hyperthyroidism have been imaged by the lead veterinarian, Dr Sossanna Bourmpou. Imaging was used to confirm diagnosis and to determine the most appropriate treatment. Images from the practice will be included in a presentation at the [Hellenic Companion Animal Veterinary Society \(HCAVS\)](#) Forum taking place from 15-17 May in Chalkidiki, Northern Greece.

Commenting on the results, **Dr Sossanna Bourmpou, founder and veterinarian from the Feline Hyperthyroidism Treatment Centre, Athens, Greece**, said:

“We are extremely proud to be the first centre in Greece offering feline thyroid scintigraphy, a diagnostic service for which there is increasing clinical demand. Feline hyperthyroidism is one of the most common endocrinopathies in older cats and, although highly treatable, determination of the optimal therapeutic approach and appropriate radioiodine dose often remains largely empirical. Imaging with Seracam provided immediate and accurate assessment of disease extent, functional distribution of hyperactive thyroid tissue, and individualized therapeutic requirements for each patient. This significantly supported optimization of I-131 treatment protocols while minimizing the risk of adverse effects or repeat treatment requirements. Furthermore, the imaging findings proved exceptionally valuable in facilitating client communication through direct visualization of the pathological process.”

Mark Rosser, Chief Executive of Serac Imaging Systems added: “Seeing these first veterinary images is incredibly exciting and demonstrates how Seracam’s hybrid gamma-optical imaging, light-weight portability and intuitive design open up significant potential for the camera to improve patient outcomes in veterinary medicine. We are hugely encouraged by the feedback from Sossanna and her team indicating that Seracam has a role as an essential diagnostic tool for comprehensive feline hyperthyroidism management in the first instance, with further applications envisaged for the future.”

Feline hyperthyroidism is a common endocrine disorder characterized by autonomous overproduction of thyroid hormones by hyperfunctional thyroid tissue. If left untreated, the disease may result in serious systemic complications including systemic hypertension, hypertrophic cardiomyopathy, and progressive renal dysfunction. Diagnosis is typically based on clinical presentation, physical examination, and endocrine testing, although laboratory findings may occasionally be equivocal or non-diagnostic. Current therapeutic options include dietary iodine restriction, antithyroid medical therapy, thyroidectomy, and radioiodine (I-131) therapy, which is widely regarded as the gold-standard treatment worldwide.

In thyroid scintigraphy, a cat is given a small amount of radioactive tracer which is taken up by thyroid tissue. The camera then images the distribution and uptake of the tracer.

The clinical advantages of thyroid scintigraphy include:

- Definitive functional confirmation of hyperthyroidism, particularly valuable in early-stage, borderline, or diagnostically challenging cases
- Precise anatomical and functional localization of abnormal thyroid tissue, including identification of affected lobes
- Detection of ectopic thyroid tissue in atypical anatomical locations (thoracic inlet, mediastinum, base of tongue, etc.), reported in approximately 10 to 20 per cent of feline hyperthyroid cases
- Accurate assessment of functional thyroid tissue volume, even in the absence of palpable thyroid enlargement
- Improved therapeutic planning and individualized treatment strategy selection

In cats undergoing radioiodine (I-131) therapy, in which hyperfunctional thyroid tissue may be ablated following a single administration, Seracam® may additionally be used to:

- Guide individualized therapeutic dose selection while minimizing potential adverse effects
- Assess post-treatment radionuclide distribution
- Monitor therapeutic response and treatment outcome evaluation

These promising results demonstrate Seracam®'s potential in veterinary medicine; further use cases are under active evaluation.

- ENDS -

Images are available on request.

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Notes to Editors

Serac Imaging Systems and Seracam®

Serac Imaging Systems Ltd is a medtech company developing Seracam®, a portable hybrid gamma–optical camera designed to provide high-resolution molecular imaging at the point-of-care.

Instead of being confined to dedicated nuclear medicine departments, Seracam® enables flexible imaging closer to the patient, including procedure rooms in veterinary clinical settings. The system combines functional gamma imaging with real-time optical imaging, allowing accurate anatomical localisation through image overlay. Such portable and enhanced imaging technology enables veterinarians to make better, more informed and more timely treatment decisions.

Seracam® is a UK and EU registered trademark. Serac Imaging Systems Ltd is a wholly owned subsidiary of Serac Life Sciences Limited.

Feline Hyperthyroidism Treatment Centre: The Feline Hyperthyroidism Treatment Centre is a dedicated veterinary facility specializing in the diagnosis and definitive treatment of feline hyperthyroidism, with a primary focus on radioiodine (I-131) therapy.

The centre provides:

- Comprehensive diagnostic work-up, including laboratory and imaging assessment
- Tailored radioiodine dosing protocols
- Controlled hospitalization under radiation safety standards
- Post-treatment monitoring for thyroid function, renal status, and cardiovascular comorbidities

Combining expertise in veterinary medicine and nuclear medicine, the centre delivers a curative, evidence-based approach to feline hyperthyroidism.

The Hellenic Companion Animal Veterinary Society (HCAVS) 15th Forum: <https://hcavs.gr>