



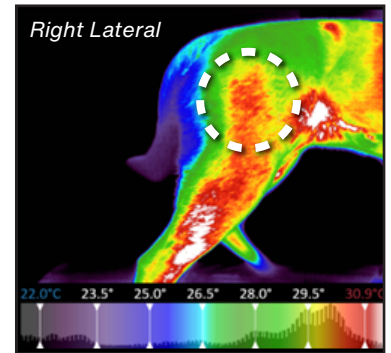
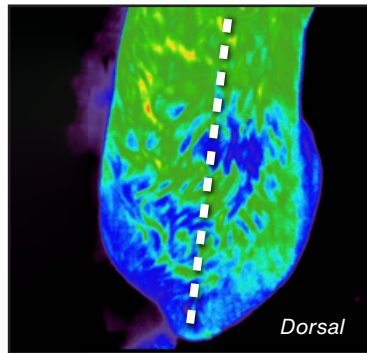
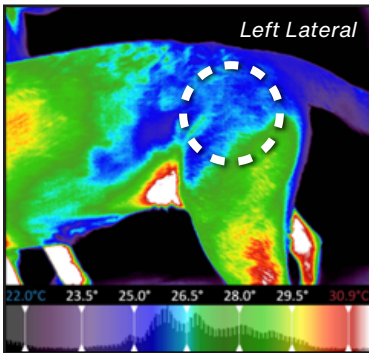
Presentation

Pet Owner Reported intermittent rear limb lameness.

Veterinarian Palpation and manipulation elicited pain in the right coxofemoral joint and both coxofemoral joints revealed a decreased range of motion.



WellVu Thermal Imaging



	Hypothermia (Cold)	Hyperthermia (Hot)
Finding	Areas of hypothermia noted in the left lateral and dorsal images	Areas of diffuse hyperthermia originating around the coxofemoral joint and descending distally within the musculature and becoming more focal towards the stifle and continuing to just cranial to the tarsus where it becomes the most intense.
Impression	Consistent with irritation of the sympathetic nerve supply	Possible correlation to compensatory strain within these muscles.



Intervention Based on Findings

Further Imaging

- Radiograph: confirms bilateral flattening and remodeling of the femoral heads, more pronounced on the right side, along with right coxofemoral subluxation.

Treatment Plan

- Pharmaceutical and photochemical approach (PBMT) to pain management
- Nutraceuticals
- Physical therapy to improve muscle strength and joint stability
- Lifestyle modifications, including weight control and restricted exercise on hard surfaces
- Possible regenerative medicine techniques



Question

Who benefited more: the Patient or the Practice?

Better Care for Pets: Empowering Owners, Optimizing Outcomes



Patient Benefits

- Revealed potential causal issue on left hip (forcing compensatory issues on right)
- Confirmed reason for pain within right hip
- Identified nerve involvement across entire lower back/hips relative to normal upper back
- Overall early detection of acute issues before devolving to chronic stage, avoiding potential risk of surgery or long-term pharmaceutical dependency

If untreated, probable long-term implications:

Service	Savings
Surgery	\$4,000
Pain Pharmaceuticals (NSAIDs)	\$800
Rehab	\$340
Total	\$5,140



Practice Benefits

- Information the client could easily understand, which eased their concerns about complying with the radiographic recommendation.
- Client understanding of the long-term consequences of this condition.
- Identifies precise targets (previously known and unknown) for physical and modality-based therapy.
- Baseline images and temperature analysis are used to monitor response to therapy with subsequent thermal images.
- Helps to identify the full chain-of-care events to recovery

Service	Revenue
WellVu Thermal Imaging Exam	\$30
3-View Radiographic Study	\$125
Pharmaceuticals	\$80
Laser Therapy (6 in-clinic visits)	\$340
At-Home Laser Therapy (1 week rental)	\$150
Total	\$725



Take-Aways

Early detection: a single \$30 screening exam, led to...

1. Enhanced service utilization (\$725 for the practice)
2. Compliance with proactive care to avoid expensive (up to \$5,000), long-term chronic issues for the patient