

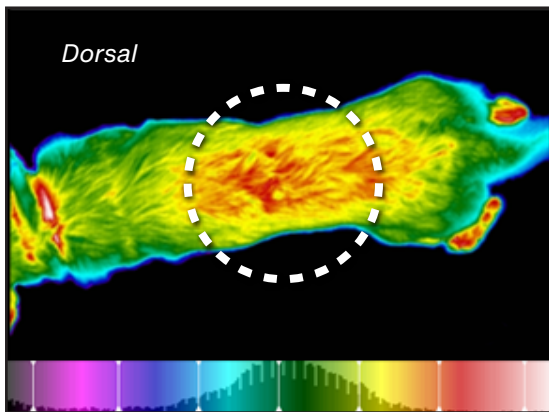


## Presentation

- Pet Owner** Observed reoccurring back pain for three weeks.
- Veterinarian** The patient was assessed as a 1.75 on the Colorado State Acute Pain Scale. Pain was elicited upon digital palpation bilaterally from T8 to L4-5. Observed compensatory gait & movement.



## WellVu Thermal Imaging



Hyperthermia (Hot)	
<b>Finding</b>	Areas of bilateral asymmetrical hyperthermia from T10 - L5 with focal areas of hyperthermic intensity over T12 - L2-3.
<b>Impression</b>	Correlation to compensatory strain due to pain originating from the spinal areas.



## Intervention Based on Findings

### Further Imaging

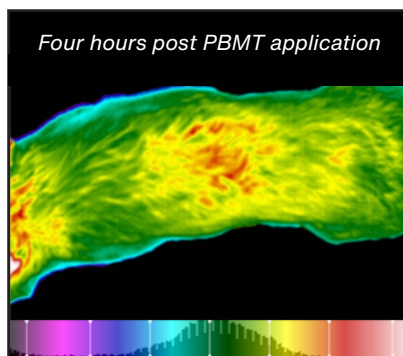
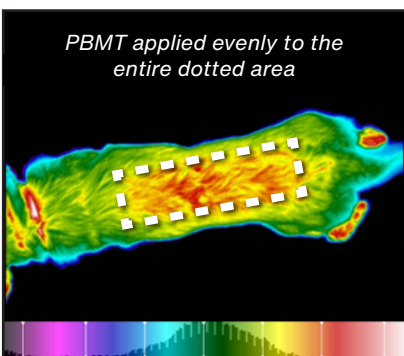
- Radiograph: Slight narrowing of disc spaces T12 - L2

### Treatment Plan

- PBMT treatments:
  - The initial therapy sessions were prescribed to relieve pain followed by weekly in clinic treatments supplemented by at home laser therapy prescription
- NSAID's
- Nutraceuticals
- IRTI recheck in one week



## WellVu Thermal Imaging Recheck



When rechecked in 24 hours, there was a reduction in the hyperthermic areas. This correlates to a reduction in inflammation. The patient was more relaxed and moved more fluidly.

### Revised treatment plan

- PBMT treatments:
  - In-clinic PBMT once/week.
  - At-home laser rental plan.
  - Recheck IRTI in one week.

# Better Care for Pets: Empowering Owners, Optimizing Outcomes



## Patient Benefits



- Visualization facilitated client's understanding and compliance with the recommended radiographic study.
- Identified compensatory involvement of musculature, which broadened target treatment area.
- Defined more precise boundary for the application of PBMT initially and as a guide for the at home PBMT.
- Confirmed progress in recovery with notable decrease in hyperthermia and the casual inflammation.
- Provided objective baseline data for comparison on future evaluations.



## Practice Benefits

- Information the client could easily understand, which eased their concerns about complying with the radiographic recommendation.
- IRTI provided identification of the total area that would benefit from PBMT therapy, not just the area over the radiographic lesion.
- Baseline images provided the opportunity to objectively monitor the patient's response to therapy. Quantifying the progress of this treatment enabled DVM to gain compliance on subsequent in clinic and at home PBMT.

Service	Revenue
IRTI exam	\$40
Radiographic study	\$165
Pharmaceuticals	\$38
Nutraceuticals	\$24.50
PBMT sessions	\$380
IRTI rechecks	\$125
At-home rental laser	\$150
<b>Total</b>	<b>\$922.50</b>



## Take-Aways

Infrared thermal imaging during the initial visit led to...

1. Compliant utilization of diagnostic and treatment services, (\$922.50 income for the practice).
2. Which led to resolution of initial case through utilizing a non-pharmaceutical approach, increased trust in DVM-Client relationship, resulting in positive client testimonial.