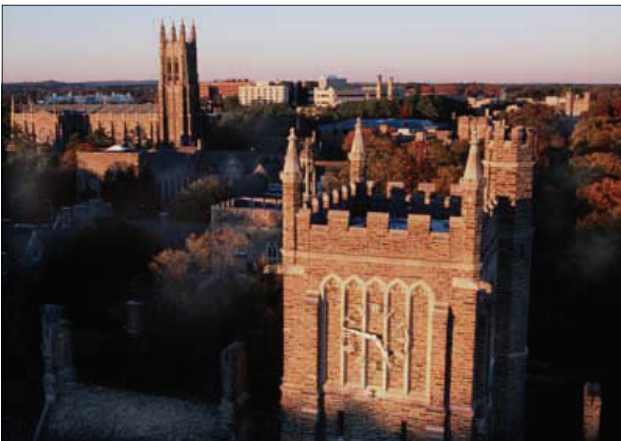


The 2007 ACCT Conference was held at Duke University North Carolina on the 13th to the 16th September



The conference was again held in the main auditorium at the Searle Center Medical Sciences building and was well attended with over eighty delegates.



Dr Dominic Marino of Long Island Veterinary Specialists, Plainview, NY presented on the **SCREENING, DIAGNOSIS, AND TREATMENT OF CHIARI LIKE MALFORMATION IN DOGS.** This study concluded that thermography may be a viable imaging modality to use as a screening tool to detect CLM in both clinically normal and abnormal dogs. Thermal findings were correlated with MRI and the future benefits for pediatric medicine were discussed.



Dr Peter Leando presented a **Literature Review** of studies relating to thermography that were published in the US and internationally in the last two years. **Thermography has continued to be well represented in scientific studies**





Dr Catherine Loughin
Long Island Veterinary
Specialists, Plainview, NY

THERMOGRAPHIC IMAGING OF THE NORMAL CANINE.

The purpose of this study was to establish thermographic imaging protocol and identify thermal imaging patterns in the normal canine, and to determine what impact, if any, clipping of the hair coat has on the thermographic pattern. Based on the findings of this study, thermography is a viable imaging modality that generates consistent images with reproducible thermal patterns in the ROI examined in normal dogs.



Dr Matt Sullivan and Sylvia Philpy RN

Sylvia Philpy presented on the clinical correlation of thermal findings from the thermographers perspective and how the given history and symptoms affect the outcome.

Dr Matt Sullivan represented the interpreters response to how history and symptoms provided by the thermographer influence the report. Case histories were presented on Diabetes, Appendicitis, IBS Breast cancer and Pain patients.



Dr Bruce Shelton
Correlating Dental Pathology Seen on Thermograms and
Clearing Breast Toxicity.

Case histories were presented showing response to treatment



Rick Crall PhD

Presented on IR camera specifications and explained various issues that include, RESOLUTION, NOISE, LENS, ACCURACY and STABILITY as they relate to the quality of medical imaging.





A panel of thermologists fielded questions in an open forum. The subjects and issues covered were varied and wide ranging and all delegates felt that this session was very productive.



Thermologists who sat on the panel :

- | | |
|--------------------------|----------------------------|
| Ron Blum MD. | John Ward MD. |
| Matt Sullivan MD. | Karen Pendelton MD. |
| Ike Posner MD. | Shannon Tyler MD. |

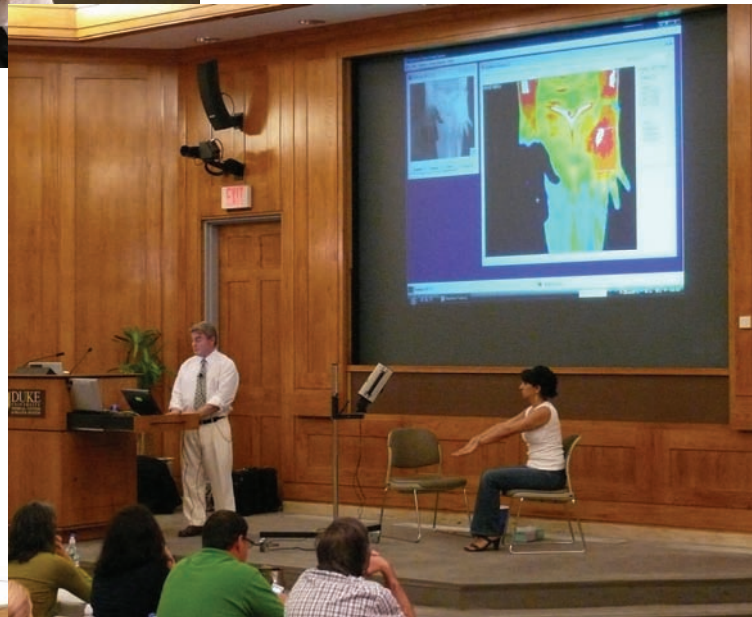




A cold stress test of a hand was performed (Prof Ring protocol) to show the dynamics of sympathetic function.

After a baseline was established in a normal subject, the gloved right hand was stressed in cold water

The resulting changes could be shown as the stressed hand recovered over a period of ten minutes



A return to normal function within a specified period of time is a negative finding of various neurological and sympathetic dysfunctions in a hand

A pre conference cocktail evening held in the commons gave attendees an opportunity to meet friends both old and new

