

Thermography Clinic Inc.

Thermal Cranial Imaging Report

Patient Name: Sample Patient
Date of Birth: 01-11-54
Referring Physician: Dr. T.
Date of Examination: 05-25-10
Examination: Cranial-Facial

Brief Historical Overview: Patient presents with a history of a cancerous growth on the left side of the Tongue.

Subjective Complaints: Numbness and tingling on the left side of the face beginning in mid January of 2010.

Preface:

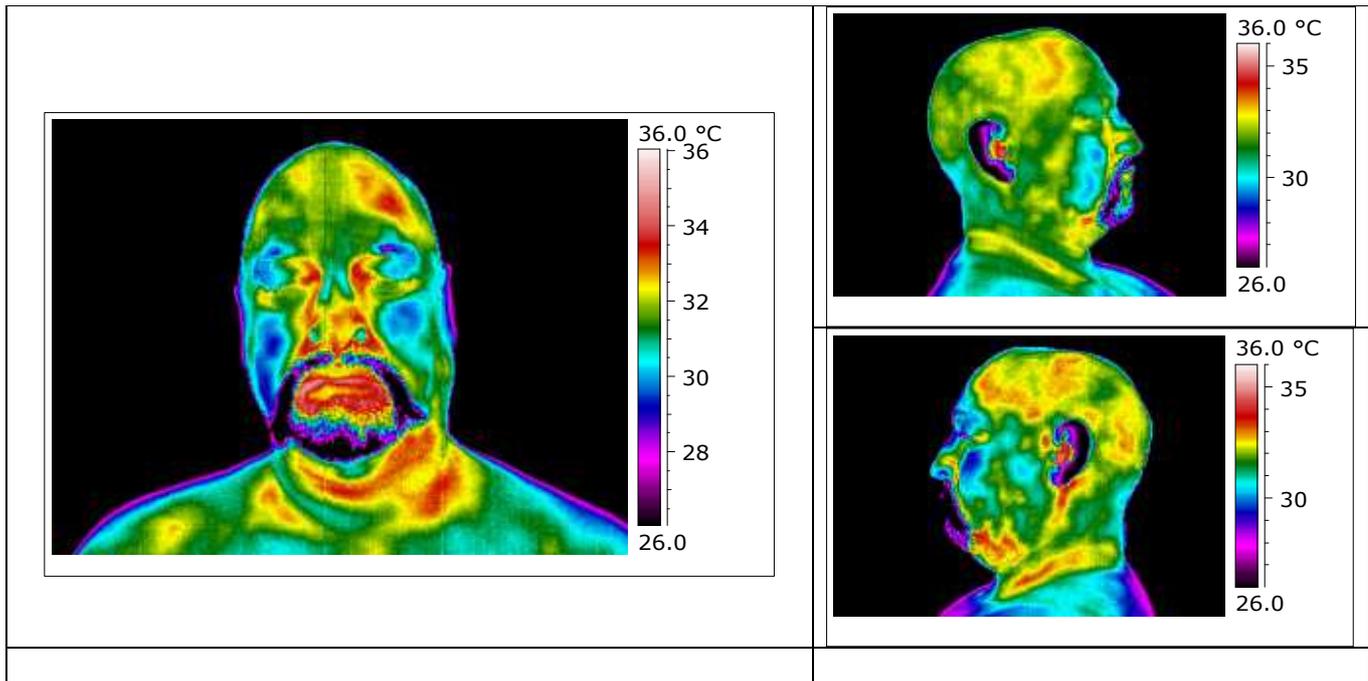
Thermography is utilized to view the amount of heat emitted from the skin's surface. This provides a territorial analysis of the surface of the temperature with specific quantitative measurements taken of questionable regions. As a general note, the radiation wave length observed is at the infrared end of the light spectrum. Special instrumentation is required for this examination, noting that infrared rays are invisible to the unaided human eye. The thermograms demonstrate these heat emissions as colors or as black and white images. The colors or shades of black and white will differ in various parts of the body, but in a normal healthy individual, the temperature changes should be relatively symmetrical.

This patient was evaluated with FLIR A-320 Infra Red Camera, with examination guidelines followed, as set forth by the International Academy of Clinical Thermology.

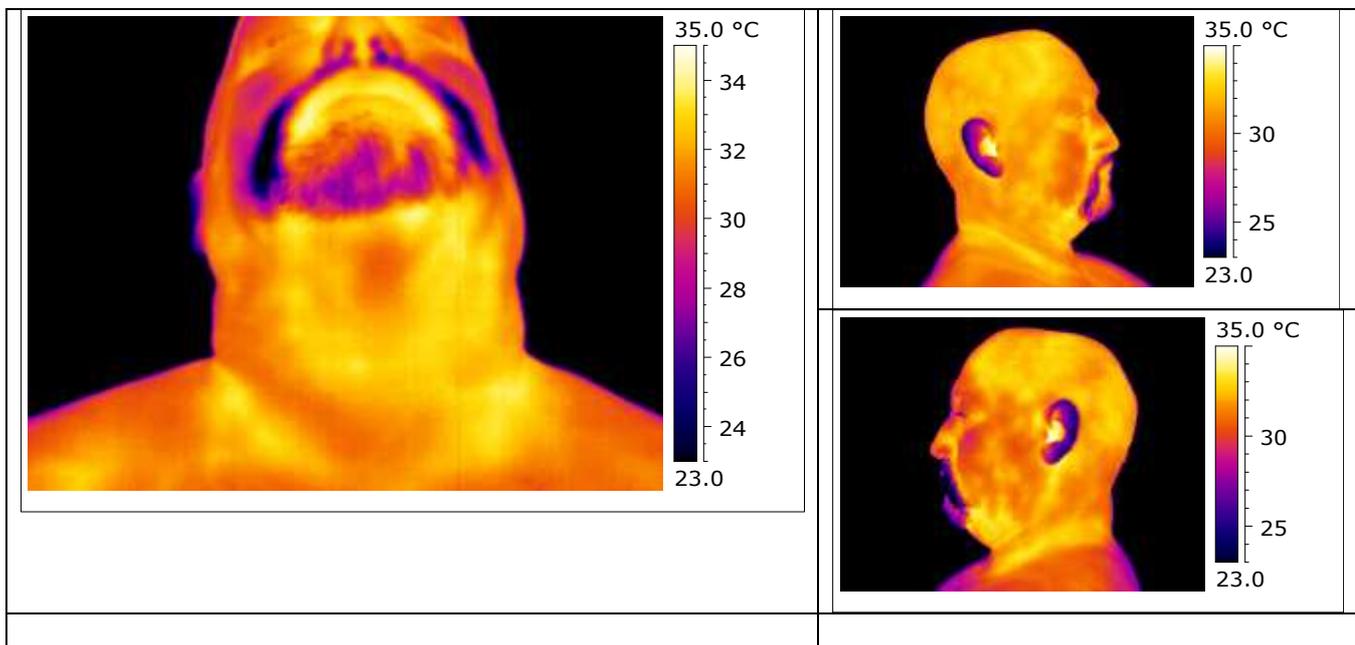
Procedure: We examined you using high-resolution computerized thermal imaging procedures in a controlled environment. When reading these images, we look for certain temperature patterns and changes which may suggest disease or injury. These findings should then be correlated by a physician with additional diagnostic tools before a final diagnosis or treatment decision is made. Thermal imaging provides information about neurovascular function and is best used in conjunction with other examinations. It is not intended to be used as a stand-alone test.

This report does not constitute a diagnosis and is not a recommendation for treatment. It is designed to be used by the treating physician as an aid in the assessment of the patient's health

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Facial and Cranial Views: Left temporal region displays with moderate hyperthermia. Frontal and Maxillary Sinuses bilaterally appear with elevated emissions. Warming is observed posterior and inferior to the left ear. Hyperthermia noted around the mouth most prominently in the upper and lower jaw on the left side. Elevated thermal emissions observed in the left lateral vertebral musculature.



Anterior Thyroid View: Thyroid view appears with stained muscles reflecting additional heat and irritation especially on the left side.

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Impression:

- Warming of the left temporal region is observed, suggestive of headaches.
- Paranasal warming is consistent with the appearance of allergies or sinus drainage.
- Upper and lower outer jaw warming is seen bilaterally especially on the left side. This is suggestive of dental pathology.
- Warming is noted inferior and posterior to the left ear which is suggestive of lymphatic involvement. In addition the hyperthermia is in the area of the stylomastoid foramen (where the facial nerve emerges from) which may explain some of the facial symptoms you are experiencing.
- Hyperthermia is observed in the area of the lateral cervical musculature on the left side, suggestive of muscle irritation.
- The muscles in the anterior neck show elevated thermal emissions especially on the left side. These types of findings generally represent inflammation and irritation of the muscles.
- No indication of altered thyroid function.

Clinical Comment:

Correlation with additional examinations is required for confirmation of the findings on this study. In the absence of confirming examinations, these findings may constitute a subclinical condition which should be monitored.

Alexander Mostovoy, H.D., D.H.M.S., B.C.C.T.
Board Certified Clinical Thermographer