easytech

Device for the monitoring of physiological and physiopathological processes through temperature changes. Allows real-time assessment and prevention of pathologies and accurate treatment monitoring.

Tcell Thermographic System

PRIM

Tcell Thermographic System

Thanks to the Tcell thermographic system, all the internal physiological processes relevant for a physiotherapist can be stored and identified through infrared thermography, a technology capable of capturing the heat emitted by the body and the vascular flow in the microcirculation of the skin.

A correct interpretation of these images adds significant physiological data. The system includes an infrared camera and a powerful, user-friendly software to develop and treat thermal images. This device is specifically designed for physiotherapy.

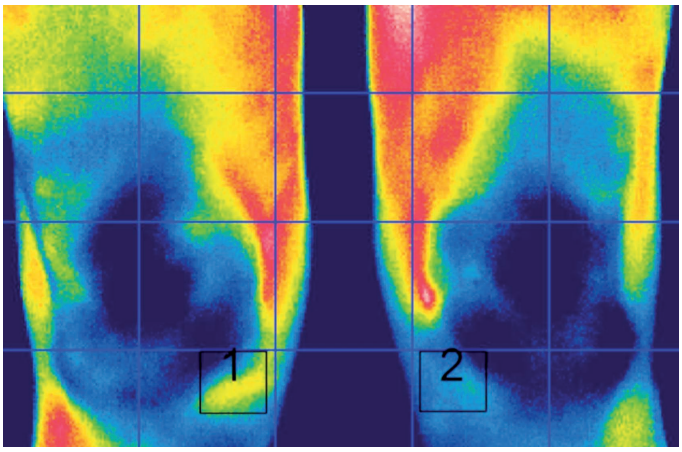
Sports assessment and prevention: thanks to the recognition of preclinical results, thermography can be used as a preventive instrumentfor both sports and the assessment of the feet.

Real-time assessment: displays relevant data in real time on the physiopathology of our patients for a complete anamnesis together with the rest of the diagnostic techniques, promoting a better understanding of the pathology.

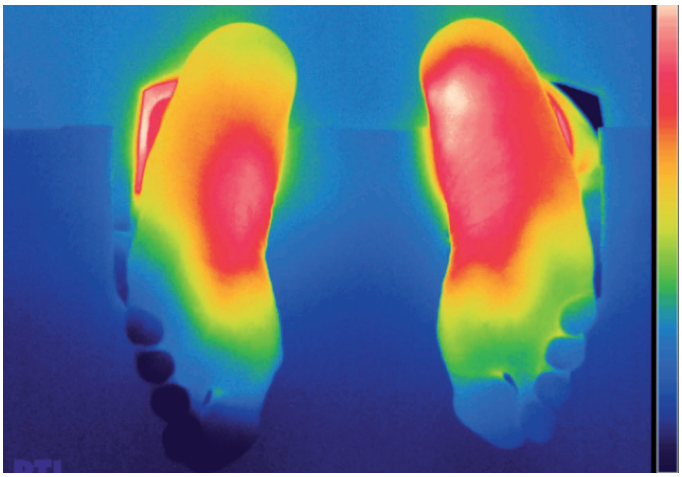
Planning treatments and recovery: the device allows,depending on the results and the characteristics of a patient, to select the best treatments to structure an objective and quantified recovery on the basis of stored data.

Localization of the points to perform targeted interventions on patients: thermal results guide us towards which areas to search for, palpate and ultimately treat, when the images are correctly interpreted.

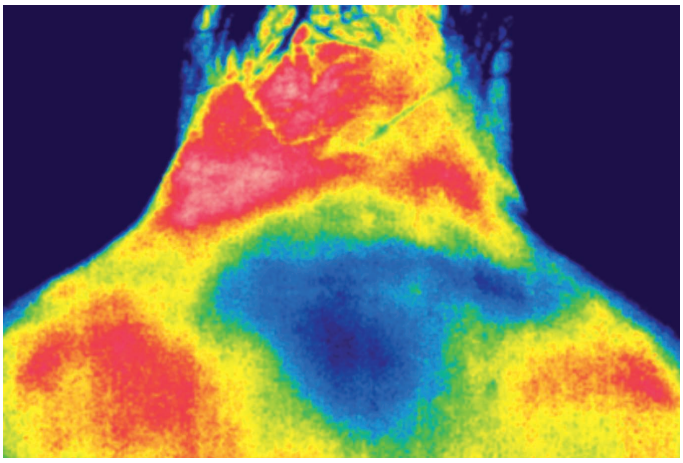
Return to your daily physical or sports activity: returning to "thermal normality" indicates a good condition to return to daily or sports activity. Also thanks to thermography we can know for sure when a patient can return to his daily physical routine without any risks.

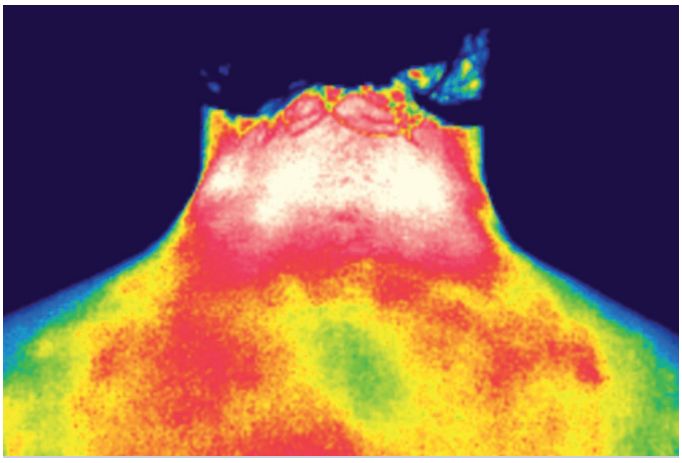


PREVENTION. Asymptomatic athlete who, thanks to a thermographic assessment of the basal strata, showed thermal results suggesting a possible intra-articular pathology, which was further confirmed by magnetic resonance. The athlete was subjected to a preventive treatment programme with diathermy and monitored throughout the process with thermography.



ASSESSMENT. Patient with acute pain in the right heel. Through a thermographic assessment it is possible to see the hyperthermal center of the inflammatory process affecting the region.





RETURN TO PHYSICAL ACTIVITY. Case of cervical damage caused by a road incident and the result after 3 treatment sessions.Notice how the thermal model tends to become symmetric, an indispensable condition for the recovery of the area and return to daily routine.

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