

## USING DIGITAL INFRARED THERMOGRAPHY TO DIAGNOSE AN SUPRASPINOUS MUSCLE TEAR, IN A DRESSAGE HORSE-CASE STUDY

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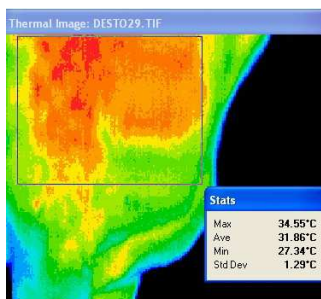
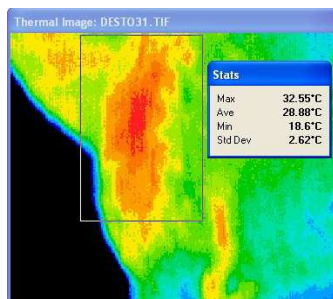
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### SUMMARY

The patient is a 11 years old dressage horse, that had suffer a severe tear of the supraspinous muscle. He developed a III-rd degree lameness, at the right fore leg, suddenly, and no one knows why.

He was examined through digital infrared thermography, with the MMSmed2000 device, and that screening show us very acurate the site of the lameness, and the extent of the muscular tear.



The temperature difference between the right shoulder and the left one, is about 2 °C, wich proves an acute inflammation on the right shoulder.

Fig. 1, Destoinic, left shoulder, Fig. 2, Destoinic, right shoulder, lateral view

In conclusion, we can say that the use of thermography in the diagnosis of muscle injuries, or strain ,is one of its best applications. The muscle damages can be diagnosed with 14 days before the onset of the clinical signs.

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