



FAST

BIBLIOGRAPHY

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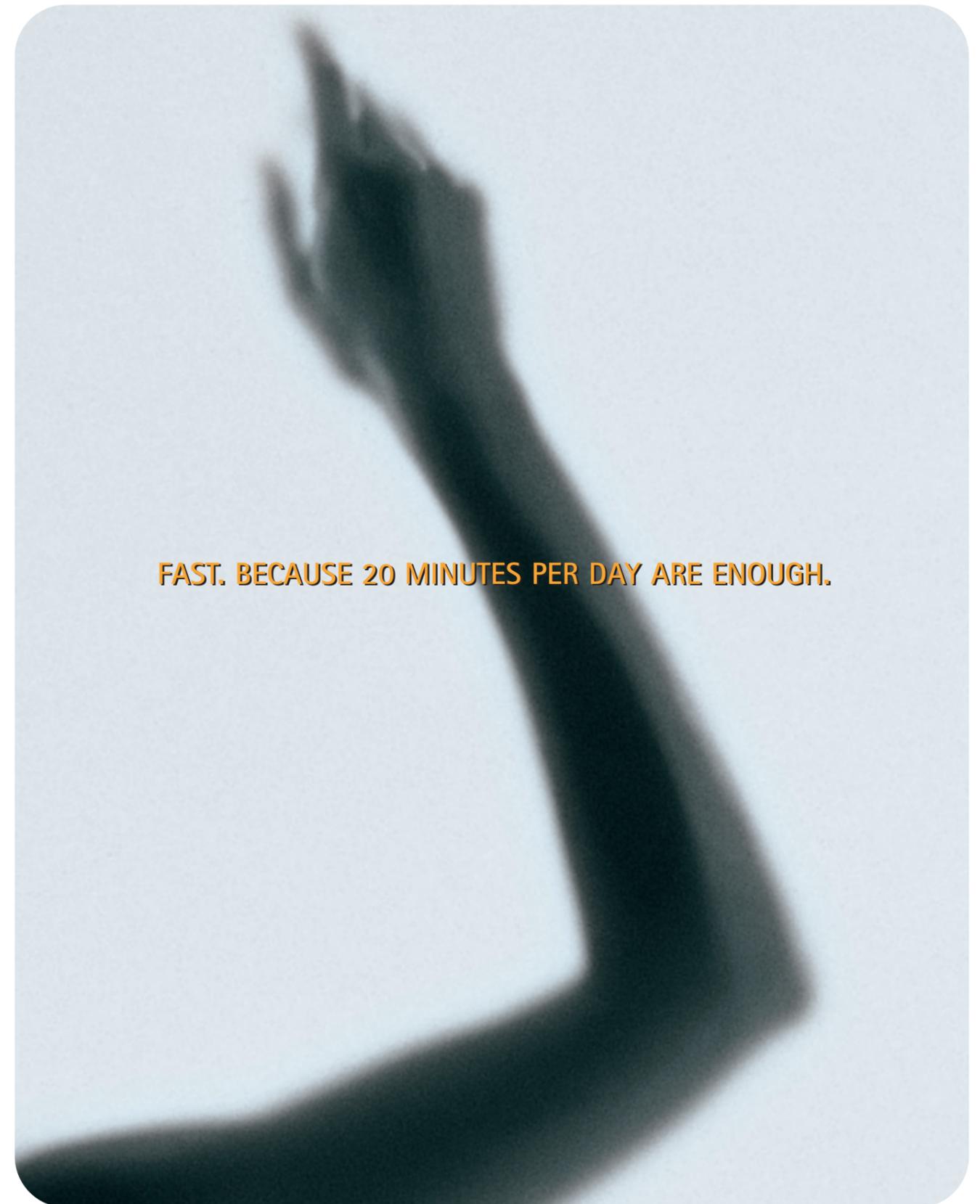
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FAST. BECAUSE 20 MINUTES PER DAY ARE ENOUGH.



TECHNOLOGY FOR CLINICAL BIOPHYSICS.

FAST. Low Intensity Pulsed Ultrasounds.

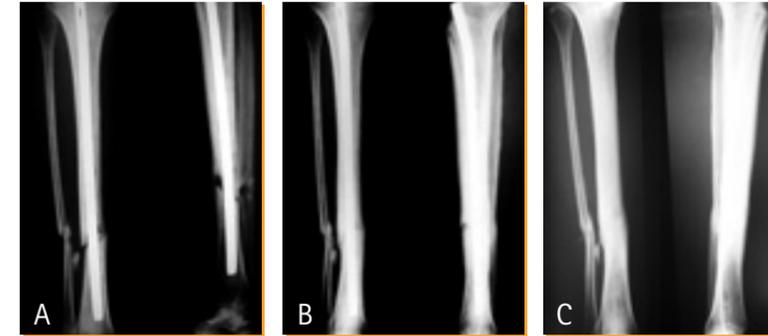
IGEA, worldwide leader in clinical biophysics, presents FAST: an innovative system for fracture treatment that, by means of low intensity pulsed ultrasounds, enhances the endogenous bone repair.

Once more we are on your side to provide the most innovative solutions in order to increase the value of your professional efforts.



Clinical studies have demonstrated that low intensity pulsed ultrasounds treatments shorten by 30% the healing time in fresh or recent fractures.

Clinical studies on patients suffering from pseudoarthrosis demonstrate that FAST has an 86% success rate.



Comment to the radiographies: Female aged 36.

A- Pseudoarthrosis of tibia (8 months since trauma). When the staphylococcus aureus is isolated, the therapy with FAST starts.

B- After 90 days of stimulation, there is evidence of bone callus formation.

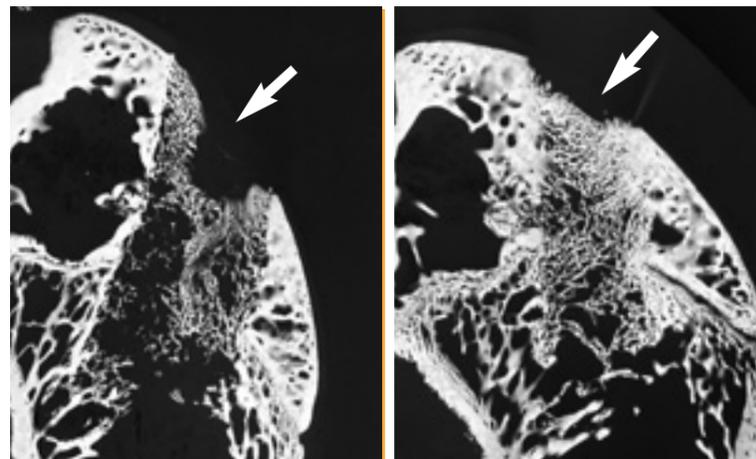
C- Healing is achieved after 125 days of treatment, X-ray control after removal of intramedullary nail.

Fast.

FAST acts rapidly, focusing precisely on the fracture site. The ultrasound beam enhances the osteogenic activity with a daily treatment of only 20 minutes.

Effective.

Like all IGEA therapies, the effectiveness of FAST has been demonstrated: the use of FAST has halved the healing time of bone defects in animal models.



CONTROL

FAST

The microradiographies show the filling of a hole made in the knee of the rabbit:
Left: control
Right: treated with FAST

Handy.

FAST is simply and easily applied by the patient on a daily basis. The innovative gel pad developed by IGEA ensures an optimal contact with the skin while avoiding moisture formation in the plaster cast.



1-Moisten the gel pad and place it on the transducer head.

2-Fix the gel pad with the ring nut.

3-Put the transducer on the support and lock it with the clip.

Indications for use.

- Recent fractures
- Non-unions

