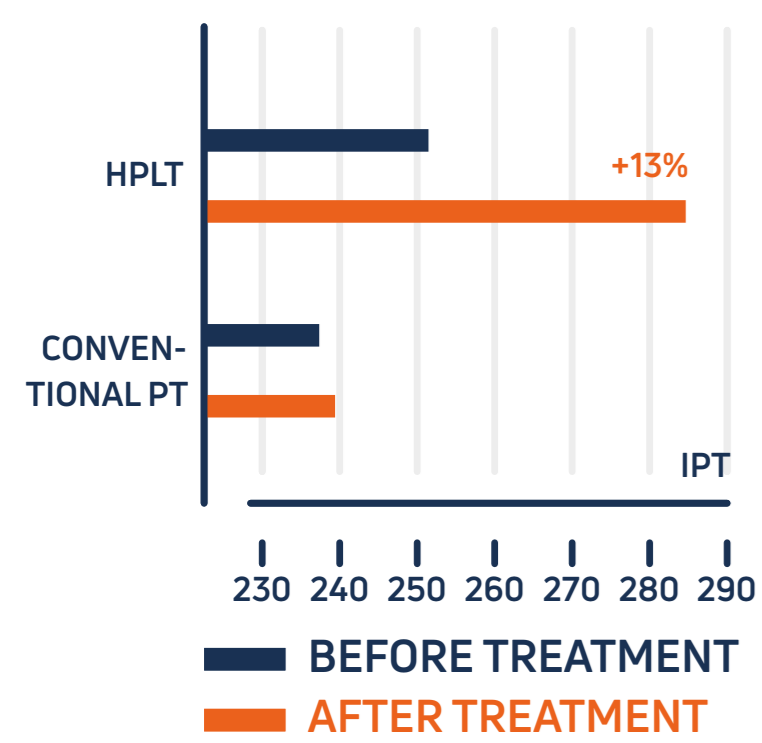




# THE BENEFITS OF HIGH POWER LASER TREATMENT



## 13% VS 1.5%

increase of hamstring force (IPT\*) in High Power Laser Therapy (HPLT) group compared to the conventional physical therapy in athletes with proximal hamstring tendinopathy<sup>2</sup>

\*Isokinetic Peak Torque in Nm



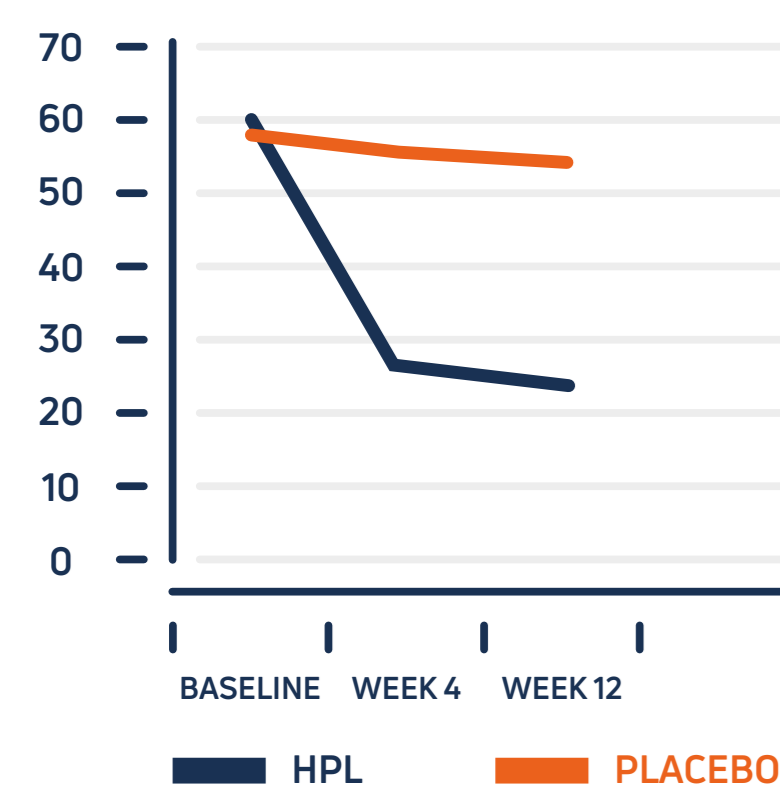
## BETTER SHOULDER MOBILITY

60° in patients with frozen shoulder, with High Power Laser + exercise versus 38° with Placebo Laser + exercise<sup>6</sup>



## 93% DECREASE IN TENNIS ELBOW PAIN

and 71% improvement of function with 3 weeks (8 sessions) high power laser treatment in patients with tennis elbow at 6-months follow-up, compared to no improvements of pain and worsening of function in the placebo control group<sup>4</sup>



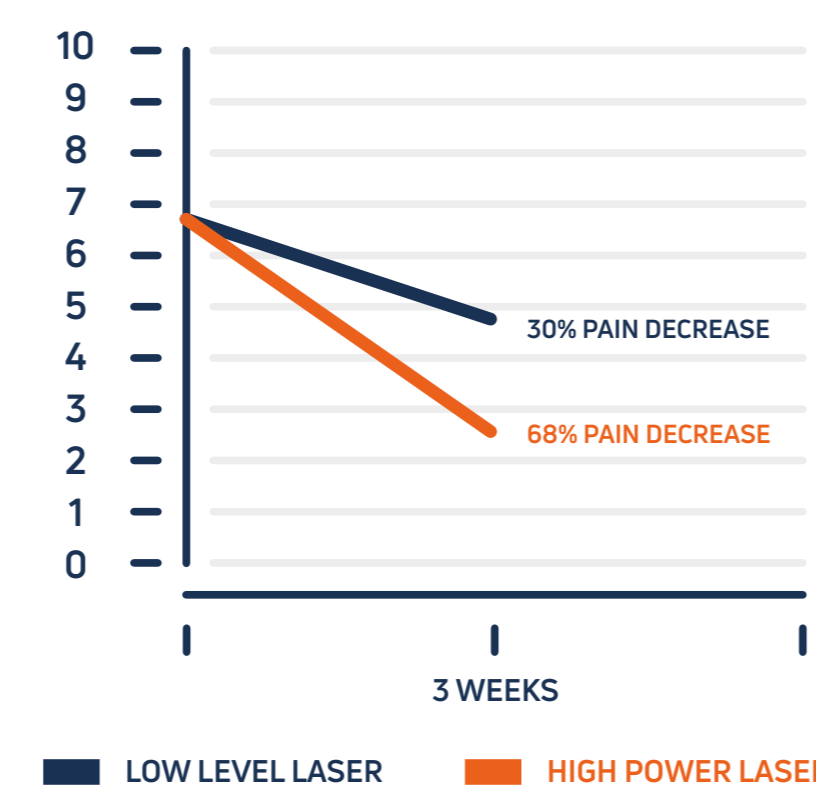
## 55% DECREASE OF JAW PAIN

in High Power Laser (HPL) group compared to 4% in the placebo group in patients with temporomandibular disorder<sup>5</sup>

## WHAT IS LASER THERAPY?

Laser therapy applies light energy to the body with the aim of activating cellular mechanisms. Laser radiation is absorbed in the cell mitochondria and converted into energy by the cell (ATP), which acts in the synthesis of protein and the acceleration or stimulation of cell proliferation. This leads to the normalization of the affected region by promoting a reduction in edema and the induction of analgesia as well as an acceleration of the tissue repair process.<sup>3</sup>

As laser light can damage the eye, make sure to wear protective glasses during your treatment and never look into the laser beam.



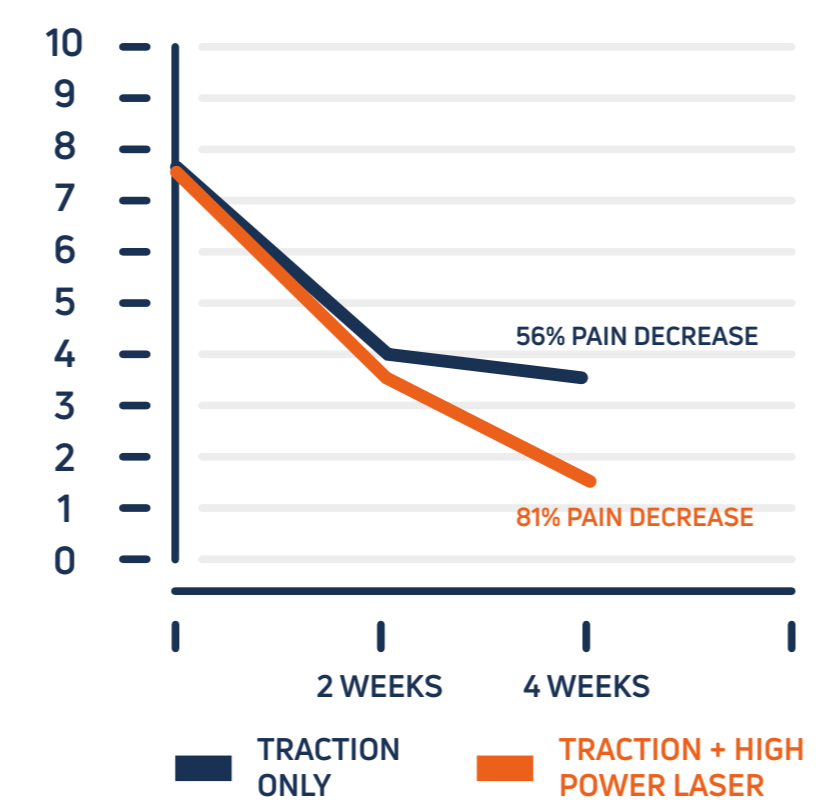
## 68% LESS CARPAL TUNNEL PAIN

with High Power Laser Therapy versus 30% with Low Level Laser Therapy when using same fluence (8J/cm<sup>2</sup>) in patients with carpal tunnel syndrome<sup>7</sup>



## 38% MORE PAIN RELIEF

and 37% additional functional improvement when High Power Laser Therapy is added to conventional physical therapy in patients with knee osteoarthritis<sup>8</sup>



## 25% MORE PAIN RELIEF

when High Power Laser treatment is added to traction therapy in patients with lumbar disc protrusion<sup>9</sup>



## SAFE

High Power Laser treatment for musculoskeletal disorders is a safe technique based on a systematic review of the literature<sup>10</sup>

# PAIN RELIEF AT LIGHT SPEED

## lightForce® THERAPY



Lightforce laser therapy added to standard of care for neuropathic pain<sup>1</sup>

## 30% GREATER IMPROVEMENT IN PAIN\*

\*compared to standard of care with placebo laser in patients with diabetic neuropathy

## 42% GREATER IMPROVEMENT IN QUALITY OF LIFE\*

NO side effects or adverse events were reported during the study period

## CLINICAL STUDIES

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