



K-Laser Therapy for the healing of wounds

*Elena Carrascosa Romero
DP;DUE*

Santiago De Compostela - SPAIN

26 January 2019

The K-Laser works by means of a photochemical effect and not by thermal effect.

Photons of laser light are absorbed by the mitochondria of cells. The absorption of photonic energy increases the stimulation of the cellular metabolism.

Among the most significant effects is the ability of the laser to increase the availability of mitochondrial ATP, increase cellular mitosis and protein synthesis and stimulate the healing capacity of connective tissue.

The joint effects at circulatory level and the enhancement of the production of energy available in the cells translates into...





Laser therapy for:

- Diabetic foot ulcers
- Pressure ulcers
- Burns
- Infected, traumatic and post-surgical wounds that do not heal properly.



CLINICAL CASE 1

- Man 68 years old
- Vasculopathy
- Ulcers lower limb right for 2.5 years
- First visit: JANUARY 18, 2018
- Complete healing date: APRIL 26, 2018
- Total days : 98 days (3,2 months)
- Treatment sessions: 1 per week LASER edema lower limb, diabetic foot ulcer, soft tissue injury, vascular insufficiency









CLINICAL CASE 2

- Man, 70 years old
- DM TYPE II
- History of ulceration and amputation
- Chronic arterial ischemia
- First visit: May 23, 2018
- Healing of lesions amputation bed and 5th metatarsal: August 1, 2018
- Total days: 70 days
- Treatment Sessions: 1 per week







CLINICAL CASE 3

- Man 72 Years old
- DMID
- First visit: January 4, 2018
- Full healing date: February 9, 2018
- Total days: 36 days
- Treatment sessions: 2 per week
- Laser: diabetic foot ulcer, soft tissue injury



CLINICAL CASE 4

- Man 62 Years old
- DMID
- First visit: August 23, 2018
- Full healing date: November 30, 2017
- Total days: 96 days
- Sessions: 2 per week
- RX signs osteomyelitis distal phalange







CLINICAL CASE 5

- Man 78 Years old
- Vasculopathy
- Ulcers lower limb years evolution
- First visit: March 13, 2018
- Full healing date: July 3, 2018
- Total days: 112 days
- Sessions: 1 per week



27 March

→ 14 days



13 March







CLINICAL CASE 6

- Man 58 years
- Vasculopathy
- Ulcer lower limb years evolution with relapses
- First visit: May 24, 2018
- Full healing date **malleolar injury**: July 26, 2018
- Total days: 82 days
- Sessions: 2 weeks











CLINICAL CASE 7



