



SANARIS

AMBULANTE
REHA-KLINIK PASSAU

Danziger Str. 51
94036 Passau
Tel.: 0851/95611-0
Fax: 0851/95611-50

www:sanaris.de
E-Mail: info@sanaris-passau.de

Ärztliche Leitung:
Dr. med. Th. Laser
FA für Orthopädie
FA f. Physikal. u. Rehab. Medizin,
Sozialmedizin

Amb. Reha-Klinik SANARIS • Danziger Str. 51 • 94036 Passau

T.Laser
Report on the application of low level laser
(LaserCat from MedSolution, 904 nm infrared phototherapy laser) in an
orthopaedic rehabilitation clinic.

In an orthopaedic rehabilitation clinic (Klinik Sanaris Passau), the soft laser LaserCat was used to treat 58 patients over a period of 6 weeks.

Method:

1. The subjects received the laser treatment daily or at least 3 times per week over the period of 3 weeks.
2. All treatments with the LaserCat were performed personally by the testing doctor.
3. The testing doctor identified the diagnostic indications for the laser therapy and individually selected appropriate treatment parameters/ therapeutic doses.
4. All subjects agreed to the application of laser therapy.
5. Additional physiotherapy treatments were not cancelled.
6. Only the cases with at least 5 laser treatments were reported.
7. Only the orthopaedic and trauma related diagnostic indications were accounted.

The following diagnostic indications were treated with the LaserCat:

- Shoulder Tendinitis after the rupture of rotator cuff and operation
- Epicondylitis of the Radius and Ulna
- Carpal Tunnel Syndrome
- Insertion tendopathy
- Rhizarthrosis
- Damage resulting from fracture of hand / foot
- Haematoma
- Fibromyalgic Syndrome (Myotendinopathy)

In total, 58 patients received 360 irradiations with the LaserCat.

The best results were seen in the treatment of superficial tissue damage (i.e. shoulder tendonitis after rotator cuff operation, superficial capsule irritation in rhizarthrosis).

No side effects were not observed or reported.

Results and conclusions:

The use of soft laser (in this instance, the LaserCat from MedSolution) shows subjectively observed faster recovery time, when compared to conservative treatments alone as carried out during rehabilitation at an orthopaedic clinic. Laser therapy can be applied alone or in conjunction with other conservative treatments.

Some patients, especially people with Heberden Arthrosis, observed a temporary increase in the severity of symptoms during the laser treatment. This problem subsided after a few days gap in the treatments. When the laser therapy recommenced again, noticeable improvements were observed.

It is impossible to objectively measure the degree of improvements achieved by the application of laser therapy. However, the benefits of the laser therapy were acknowledged by the patients and the testing doctor reached the conclusion that the LaserCat delivers a safe non-invasive therapy that is painless and free of side effects. LaserCat is easy to handle and to use.

Based on the experience with the LaserCat in 58 patients, the use of LaserCat in orthopaedics can be recommended.

Passau, 27.12.07



Dr.med.Thomas Laser
Facharzt f. Orthopädie
Facharzt f. Physikal. u. Rehabilit. Medizin
Leitender Arzt
der Rehaklinik SANARIS, Passau