P040 EFFECTIVE LASER - THERAPY OF POST-BURN SCARS - ATTACHEMENT FILES - 1

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CASE REPORT 5

Vbeam laser treatment (LT): Woman, 63 y.o., high voltage electrical injury, burns gr. III 3,5 % of TBSA, necrectomy + skin grafting. Hypertrophy of scar on the right thigh (Fig.5.3) and of distal part of the scar in the right calf (Fig.5.1) subsequently. Comprehensive treatment, 4 sessions of Vbeam LT targeting hypertrophic parts of immature scars – the entire scar on the thigh and distal part of the scar in the calf. Significant flattening and softening of the scars after Vbeam LT, fully satisfactory esthetic outcome (Fig.5.2, Fig.5.4).

Fig. 5.1
Before LT

Fig. 5.2
6 weeks
after LT

Fig. 5.3
Before LT

Fig. 5.4
6 weeks
after LT

CASE REPORT 6

Combined LT - Vbeam LT followed by Erb:YAG LT – multiple sessions: Boy, 5 y.o., burned by hot water, gr. III 7 % of TBSA, necrectomy + skin grafting. Severe hypertrophy of scars subsequently (Fig.6.1), Vancouver Scar Scale (VSS) 7. Comprehensive treatment, Vbeam LT – 11 sessions followed by 11 sessions of fractional ablative (FA) Erb:YAG LT. Significant improvement after LT – VSS 3, visible flattening and softening of the scars, good functional and aesthetic outcome (Fig.6.2).

Fig. 6.1
Before LT

Fig. 6.2
2 months after
combined LT

CASE REPORT 7

Combined LT - Vbeam LT followed by Erb:YAG LT: Girl, 3 y.o., burned by hot soup, gr. III 3 % of TBSA, necrectomy + skin grafting. Severe hypertrophic hypertonic non-contracting painful scars (Fig.7.1) with the impossibility of wearing closed shoes subsequently, VSS 8. Comprehensive treatment, Vbeam LT– 6 sessions followed by 5 sessions of fractional ablative (FA) Erb:YAG LT. Significant improvement after LT – VSS 2, visible flattening and softening of the scars, ability to wear any shoes without walking pain, very good functional and aesthetic outcome (Fig.7.2).

Fig. 7.1
Before LT

Fig. 7.2
2 months after combined LT