

Therapy Protocol with **Infrared & Red Laser**

Disease / Condition	Therapy Time (Minutes)				Frequency Time/Week	Dosage (J/cm ²)
	HU-157A80 (22cm ²)	LM-117A80 (3cm ²)	Klas-M50 (3cm ²)	Klas-L20 (2cm ²)		
Pain Relief						
Achill Bursitis	8	6	10	14	3~7	8
Acute & Chronic Joint Pain; Ankle		30			3~7	15
Acute & Chronic Joint Pain; Finger	6	5	7	11	3~7	6
Acute & Chronic Joint Pain; Toe	6	5	7	11	3~7	6
Acute & Chronic Joint Pain; Wrist	10	8	8	17	3~7	10
Acute & Chronic Joint Pain; Elbow	10	8	8	17	3~7	10
Acute & Chronic Joint Pain; Knee		43			3~7	20
Arthritis		8~43			3~7	10~20
Calcaneal Spur	10	8	8	17	3~7	10
Carpal Tunnel Syndrome (CTS)	12	9	14	21	3~7	12
Frozen Shoulder		43			3~7	20
Herpes Zoster		43			1~2/Day	20
Herpes Simplex (HSV1)	3		4	6	2/Day	3
Low Back Pain		43			3~7	20
Pain Associated with Facial Palsy	8	6	10	14	3~7	8
Plantar Fascitis- Heel Pain	12	9	14	21	3~7	12
Post Operative Tissue Pain	8	6	10	14	1~2/Day	8
Sprains and Strains	30~60	8~43			3~7	10~20
Tennis Elbow (Epicondylitis)	10	8	8	17	3~7	10
Therapeutic windows range from typically $\pm 50\%$ of given values.						

Therapy Protocol with Red Laser						
Disease / Condition	Therapy Time (Minutes)				Frequency Time/Week	Dosage (J/cm ²)
	HU-156A50 (22cm ²)	LM-116A50 (3cm ²)	Klas-M50 (3cm ²)	Klas-L20 (2cm ²)		
Skin Diseases						
Allergic rashes	5		4	5	2~3	3
Aphthous ulcers & sore gums	5		4	5	2~3	3
Burn & related wounds	8		6	9	1~3/day	5
Cellulitis	15	10	12	17	3~7	8~10
Couperose (mild)	5		4	5	2~3	3
Dermatitis, allergic	5		4	5	2~3	3
Dermatitis, atopic	5		4	5	2~3	3
Dermatitis, contact	5		4	5	2~3	3
Eczema	5	4	4	5	2~3	3
Hypertrophic cicatrix	15	10	12	17	3	8~10
Insect bites	5	4	4	5	1~2/day	3
Pressure sore	5		4	5	3~7	3
Psoriasis	15	10	12	17	2~3	8~10
Rosacea	8	6	6	9	3~7	5
Skin eruption	5	4	4	5	2~3	3
Sunburn	5		4	5	2~3	3
Tinea pedis	15	10	12	17	2~3	8~10
Vitiligo (Leukoderma)	15	10	12	17	2~3	8~10
Warts, verruca	15	10	12	17	3	8~10
Wound, operation wound	15		12	17	1~3/day	8~10
Wound & ulcers	8		6	9	1~3/day	5
Aesthetic						
Age spot	18	14	15	21	2~3	12
Cholasma	18	14	15	21	2~3	12
Facial anti-aging: General skin conditioning	12	9	10	14	1~2	8
Scar: fresh	18	14	15	21	2~3	12
Stretch mark (Melasma): fresh	18	14	15	21	2~3	12
Wrinkle and fine lines	12	9	10	14	2~3	8
Acne Vulgaris						
Facial acne	12	9	10	14	2~3	8
Neckline acne	15	12	13	17	2~3	10
Back acne	18	14	15	21	2~3	12
Respiratory Tract and Ear, Nose, Throat						
Rhinitis	12	9	10	14	3~7	8
Sinusitis	10	8	7	11	3~7	6
Tinnitus			30	45	3~7	25
Other Symptoms and Prophylaxis						
Hemorrhoid	18	14	15	21	1/Day	12
Gingival and periodontal disease	5		4	6	1/Day	3
Oral ulcer	10		7	11	1/Day	6
Edema	18	14	15	21	1/Day	12
Erectile Dysfunction	36	28	30	45	2	25
Therapeutic windows range from typically ±50% of given values.						