

Ultrapulse from cosmetic to functional skin resurfacing

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Ultrapulse CO2 has the highest penetration in the skin if compared (keeping the same spot size and the same energy) with other CO2 (superpulse or CW). It also presents a thin coagulation halo around the ablation crater and therefore it represents the optimal device to achieve very good outcomes on both cosmetic and functional resurfacing. For cosmetic purposes, using a multi-step procedure, both wrinkles as well as superficial photodamages signs can be treated. For functional purposes and keeping in mind the golden rule that higher the energy applied lower must be the density of microbeams, both atrophic (eg acne scars) and hypertrophic/raised scars can be treated. It means that a correct use of this device (selecting the right handpiece and the right balance between energy, frequency and density of microbeams) allows us to achieve new collagen production as well as, when needed, collagen remodelling. Detailed settings and techniques will be described not forgetting what to do before and after each procedure.