

CLASSYS

VOLNEWMER

Combined Treatment with Next-Generation Monopolar and Microneedling RF



Multi-Layer Skin Rejuvenation Through Combination Treatment

In modern aesthetic medicine, combination treatments using complementary energy-based devices (EBDs) are gaining increasing attention as a means of simultaneously addressing structural skin laxity and more superficial skin concerns. An appropriate combination of EBDs can provide harmonious and natural-looking clinical outcomes that may be difficult to achieve with a single device alone. Among these approaches, the combination of VOLNEWMER and SECRET RF has attracted particular interest. VOLNEWMER is a non-invasive RF device equipped with an advanced continuous water-cooling system, while SECRET RF is a

microneedling RF system. The two devices target different depths of the dermis while exerting complementary and synergistic effects. Each targets a distinct skin layer, and when used together, they can produce more harmonious and balanced clinical outcomes. Sequential application of these two devices promotes collagen remodeling across multiple dermal layers, enabling both deep volumetric tightening and superficial skin improvement within an evidence-based treatment protocol.

Mechanistic Rationale

VOLNEWMER serves as an effective preparatory step for the dermal environment before inducing a full regenerative response. It thermally preconditions the collagen network, improves microcirculation, and enhances fibroblast responsiveness. Subsequent treatment with SECRET RF may then elicit a more efficient tissue response, promoting faster and more uniform regeneration. VOLNEWMER activates fibroblasts through controlled deep dermal heating at approximately 50 - 60° C, creating a biological environment favorable for neocollagenesis. This thermal preconditioning effect temporarily reduces tissue impedance, allowing the subsequently applied RF energy from SECRET RF to penetrate the tissue

more uniformly and effectively. SECRET RF creates precise thermal coagulation zones at adjustable depths ranging from 0.5 to 3.5 mm, thereby

triggering the wound-healing cascade, growth factor release, and long-term collagen remodeling. VOLNEWMER and SECRET RF are highly complementary. VOLNEWMER strengthens the structural foundation of the dermis, while SECRET RF improves surface texture and minimizes the appearance of pores. In essence, the combination rebuilds the skin from the inside out. One of the key advantages of VOLNEWMER is its continuous water-cooling technology, which enables the safe delivery of higher energy fluence without overheating the skin surface. In other words, the epidermis remains cool and protected while the dermis is maintained at a therapeutically effective temperature.

Clinical Benefits and Observed Outcomes

Combining the deep volumetric tightening effect of VOLNEWMER with the resurfacing effect of SECRET RF can significantly enhance treatment efficiency. As VOLNEWMER improves dermal elasticity and density, subsequent SECRET RF-induced neocollagenesis in the upper dermis occurs within a more stable structural framework. As a result, skin firmness is maintained for longer, while skin texture becomes smoother and more uniform. This combination can be performed regardless of the season. Maintenance treatments at intervals of 3 - 6



Before and after VOLNEWMER + SECRET RF treatment in a 47 year old patient. Courtesy of Pawlikowski & Walaszek.

months may provide sustained improvement in overall skin quality. In particular, it has demonstrated favorable efficacy, safety, and patient comfort in individuals with mild to moderate skin laxity, atrophic acne scars, and enlarged pores, resulting in high levels of treatment satisfaction. It is regarded as a reproducible and patient-friendly solution that bridges non-invasive skin tightening with skin remodeling. The combination of VOLNEWMER and SECRET RF offers a scientifically grounded and clinically validated strategy for multi-layer dermal rejuvenation. By combining the deep volumetric heating of monopolar RF with the precise thermal coagulation produced by microneedling RF, this dual-modality protocol promotes comprehensive collagen remodeling throughout the dermis while enabling natural-looking improvement in facial contours. By simultaneously achieving structural tightening and surface refinement, the treatment helps restore the skin's natural texture and elasticity—one of the key aspects contributing to high patient satisfaction.



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