## Microneedling for Acne Scars

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Atrophic acne scars can be classified into icepick, rolling and boxcar scars. There are several surgical procedures for acne scar including punch excision, elliptical excision, punch elevation, skin grafting and subcision depending on the type of scar. Procedural treatment includes microdermabrasion, chemical peels, microneedling and dermabrasion.

Microneedling is an evolving treatment modality for various skin conditions. These devices include several rows of fine needles, which are rolled over the skin to create tiny punctures, inducing a wound-healing response and subsequent collagen and elastin production. Compared with ablative procedures, microneedling keeps the epidermis partially intact, and limits the risks of infection and scarring.

Several studies have shown its efficacy and safety, alone or in combination with other treatments for acne scarring, but further double-blinded randomized controlled trials are needed to define the optimal number of treatments, duration between each treatment, and needle depth, and to further characterize adverse reactions.