

Slimspec Features Acoustic Radial Wave Technology for Cellulite Tx

By Ilya Petrou, M.D., Contributing Editor



Michael Shohat, M.D.
Dermatologist
Aesthetic Laser Clinic
Tel Aviv, Israel

“In my cellulite patients, I typically will perform a Slimspec treatment once or twice a week for approximately six weeks depending on the degree of their cellulite. Results have lasted up to six months after the last treatment session.”



Before Tx



One month after ten Slimspec treatments
Photos courtesy of Klaus Fritz, M.D.

Ongoing technological advancements have produced varying treatment modalities to address a gamut of aesthetic concerns including cellulite. Powered by acoustic radial wave technology (ARWT), Slimspec™ from Medispec Ltd. (Germantown, Maryland, U.S.) is a very cost-effective device proving successful in the treatment of cellulite and skin tightening, rivaling other high-end aesthetic tools and techniques.

ARWT is unfocused, low pressure acoustic waves created by an electromagnetic ballistic mechanism. These pressure waves are transmitted through the surface of the skin and spread radially into the tissue, affecting a large and deep treatment area. Acoustic radial waves have a very similar biological effect to extracorporeal shockwaves commonly used in urology (extracorporeal lithotripsy) and cardiology (extracorporeal shockwave for myocardial revascularization), among other specialties and indications. This novel technology has now also found its niche in aesthetic medicine for the painless treatment of cellulite and body firming.

Cellulite can be very challenging to treat, particularly in more severe cases. Slimspec treatments can be very effective for grades one to three cellulite. Michael Shohat, M.D., a dermatologist at the Aesthetic Laser Clinic in Tel Aviv, Israel has been using Slimspec for over a year for his aesthetic patients and has seen considerable improvements in their cellulite. “This novel device can significantly improve cellulite and lax skin, particularly in the right patient population,” he advised.

According to Dr. Shohat, the Slimspec’s 39 mm treatment head has not only been shown to treat larger target areas faster, but also achieves more pronounced aesthetic outcomes in cellulite and skin tightening with no downtime. A

typical treatment protocol would be twice a week for six weeks with maintenance therapy every three months.

“A measurable decrease in circumference and visible aesthetic outcomes can be achieved and appreciated in most patients after only six weeks of therapy,” said Dr. Shohat. “In my cellulite patients, I typically will perform a Slimspec treatment once or twice a week for approximately six weeks of total therapy, depending on the degree of their cellulite. Furthermore, results have lasted up to six months after the last treatment session, much to the satisfaction of cosmetic patients.

Aesthetic outcomes will be better for patients who maintain a healthy lifestyle with regular activity, have a balanced nutrition and keep high hydration levels at all times. “Naturally, as skin aging progresses and skin tissues become more lax, patients will have to return as needed for maintenance treatments in order to sustain a smoother, firmer, more youthful skin,” Dr. Shohat said.

Slimspec therapy effects a deep massaging of the targeted area, improving lymph circulation and local blood flow through neovascularization. In addition, fibroblast activity is stimulated, thus inducing enhanced collagen production. These actions result in a reduction of adipose cell edema, increased oxygenation and detoxification of tissues, as well as promotion of new collagen and elastic fiber formation, resulting in firmer and smoother looking skin and normalized tissue metabolism in the targeted area.

“One major advantage of Slimspec, compared to high-end skin tightening devices such as laser, RF and combination technology is its low cost of operation. Slimspec is also very compact and lightweight, thereby facilitating its use,” Dr. Shohat advised.