

March 2018

Nuderma Health & Med Spa



kybella®

(deoxycholic acid) injection 10 mg/mL

This Issue: The Injection That Melts Fat

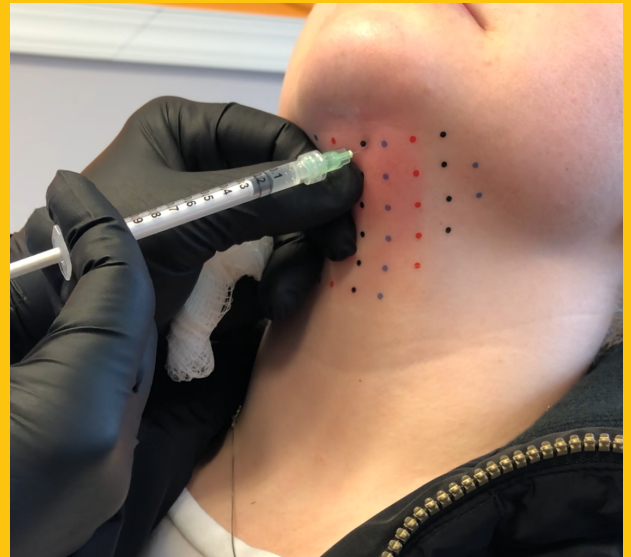
Have you noticed your selfies lately, are they growing a double chin? During a patient consultation, one of the first things that I observe for is submandibular fullness, aka double chin. A more defined jawline can have a large impact on the youthful appearance of your face. Your chin and jawline frame your face and provides structure. Factors that influence submandibular adiposity can largely be genetic and may have no correlation with your age or overall weight. Thankfully, there is an easy way to say goodbye to the double chin these days, it's called Kybella.

Kybella is a very interesting product. It is a synthetic version of a natural bile acid called deoxycholic acid. This acid is produced by the liver and released into the small intestine in order to breakdown fat that is from the diet. When Kybella is injected under the skin the fat cells are removed... permanently!

Stephen A. Spencer D.O.



Assessment of areas to be treated



Injecting Kybella

"Kybella works in a unique way. "It actually attacks the membrane of fat cells and breaks them down,"



Kybella is designed specifically for the treatment of submental fat. What's so great about the treatment is it is minimally invasive, needing only a series of tiny injections. It also requires minimal downtime and each patient can have a customized treatment plan that fits their needs. The mechanism of action of Kybella is directed at the fat cell membrane. When injected into or near fat cells the cellular membrane is disrupted. The membrane ruptures and fat that is stored within the cell leaks out. This rupture of cells causes an inflammatory reaction that is mediated by the immune system. The "clean-up" of cellular debris and fat is ultimately cleared by the lymphatic system. The process of cell damage clean-up and repair takes several weeks. Patients can expect their best results between 8-12 weeks post-treatment.

Each Kybella treatment is tailored to your needs. Most patients will require two or more treatments spaced 7 weeks apart. Each of the treatments involves marking the area to show where each injection will be placed. With each injection the patient feels some stinging sensation. This sensation lasts for several minutes, but can be minimized with the use of a cold pack. The treatment goes very fast with the average time of injection being less than 5 minutes.

Immediately following injections patients have swelling of the area. Swelling can last for a few days up to a week. The amount of swelling seems to vary depending on the patient. Swelling indicates your body's proper reaction to the product and is a good indicator of the effectiveness of the treatment. Thanks to Kybella, there is a proven and non-surgical way to consistently produce lasting results. If you feel you may benefit from Kybella, please give us a call and ask about any future upcoming events.

Stephen A. Spencer D.O.