



**Jeffrey A. Klein, MD, MPA**

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**Area of Dermatology Surgery Expertise:** Tumescant Local Anesthesia, Tumescant Liposuction

**State in which I am licensed:** California

**Preferred Time to Participate:** Weekend or Monday

**Intended Outcome of My Visit:**

- For Residents to acquire a better understanding of Tumescant Local Anesthesia and it's applications

**Brief Bio**

Dr. Jeffrey Klein is a dermatologic surgeon practicing in San Juan Capistrano and Newport Beach in Orange County, California. Dr. Klein is listed a Diplomat for the American Board of Dermatology, the American Board of Internal Medicine, and the American Board of Cosmetic Surgery. In addition to Dr. Klein has completed a National Institute of Health Research Fellowship in Clinical Pharmacology, as well as advanced degrees in mathematics and biostatistics.

As a result of his scientific training, he was able to invent the technique for tumescant local anesthesia and tumescant liposuction totally by local anesthesia. Dr. Klein first described the tumescant technique for liposuction at a scientific meeting in 1986 and published his result in the Journal of the American Academy of Cosmetic Surgery in 1987. Prior to 1986, all liposuction surgeries were done under general anesthesia, were associated with significant surgical blood loss and prolonged post-operative recovery of two or more weeks.

The advent of tumescant liposuction permitted liposuction to be done totally by local anesthesia with virtually no blood loss. Within a few years tumescant liposuction became the worldwide standard of care. In addition, Dr. Klein continues to be active in research and teaching at the University of California, Irvine and Riverside campuses.