



## Piezo ultra surgery in rhinoplasty: 3 years of experience

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**P**iezosurgery technology has been used in dentistry, periodontology and implantology for over 2-3 decades. Recently there has been growing interest of its application in rhinoplasty. Piezosurgery is a relatively new technique for osteotomy and osteoplasty that utilizes ultrasonic vibration. The piezosurgery device is essentially an ultrasound machine with modulated frequency and a controlled tip vibration range. By taking advantage of its settings and tips gives a precise bone shaving, rasping, cutting and also can be used as a drill while preserving the surrounding soft tissues. The author shares his 3-year experience with routine use of Piezosurgery in rhinoplasty, its advantages include precision, flexibility, smaller necrotic zone and quicker recovery. Disadvantages are the cost of the machine, need for open approach, and longer operative time. The complications although rare may include burns which he has also inquired and will give suggestions how to prevent them.

**Biography:** Dr. Shahram G. Sajjadi, completed his speciality training in Hungary and after, completed his fellowships in Facial reconstructive and aesthetic surgery in Holland, Belgium and UK. Presently he is working at Aestheticon international centre for plastic surgery and is a visiting consultant at the American Academy of Cosmetic Surgery Hospital in Dubai, UAE.

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