

## Review of labia minora labiaplasty-past, present & future

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### ABSTRACT

**Background:** Labia minora labiaplasty is becoming a more frequently requested cosmetic procedure. In 1976, Radman first described labia minora labiaplasty. Since that time, different surgical techniques have been published and non-surgical procedures have been introduced. These cosmetic procedures remain controversial because of deceptive marketing practices and the lack of evidence-based medicine to support them.

**Objective:** To review the existing surgical and non-surgical methodologies of labia minora reduction literature with emphasis on surgical outcome and patient satisfaction.

**Methods:** Electronic and manual literature searches were conducted on labia minora reduction in the English language utilizing Google Scholar from 1970 to December 2018. A targeted methodological review and analysis of surgical and non-surgical techniques was appraised.

**Results:** Several published articles in peer review journals and anecdotal information on labia minora reduction surgical and non-surgical techniques were identified. Review of the existing literature established that the safety and effectiveness of labia minora reduction surgery for aesthetic purposes has not been determined. The non-surgical RF literature is available, but no scientific data on the safety and effectiveness of these devices is being presented. However, due to the variations in the labia minora presentation, there is not a single procedure that can be utilized for labia minora reduction.

**Conclusion:** Well-designed and well-executed clinical studies are needed to make appropriate clinical-scientific progress for labia minora reduction for cosmetic purposes. Furthermore, standards of care must be established by organizations, such as ACOG and ASPS, to protect women against unethical practices that put her at risk for unfavorable outcomes.

### BIOGRAPHY

Egbert John Serrão, has been a board certified solo practitioner for thirty years and specializes in women's health and cosmetic-plastic gynecology. He has performed over 12,000 surgical procedures and has advanced training in Female Genital Cosmetic-Plastic Surgery. He is a Fellow of the American Congress of Obstetricians and Gynecologists and the American Academy of Cosmetic Surgery. He completed his residency at Maryland General Hospital and received his medical degree from the University Of Maryland School Of Medicine and the Autonomous University of Guadalajara. He is a former Associate Clinical Professor at the University Of Central Florida School Of Medicine and is the Medical Director of Serrão Rejuvenation Center.



9th World Congress on Plastic, Aesthetic and Reconstructive Surgery, June 29-30, 2020

The University of Central Florida School of Medicine, USA

Citation: Egbert John Serrao, present & future, Review of labia minora labiaplastypast, Plastic Surgery 2020, 9th World Congress on Plastic, Aesthetic and Reconstructive Surgery, June 29-30, 2020, 02