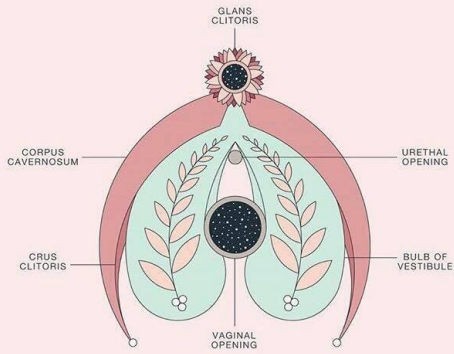
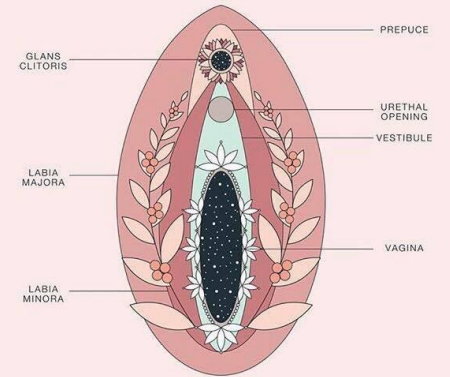


CLITORIS
ANATOMY



DESIGN BY DUJET DAYS

VULVA
ANATOMY



DESIGN BY DUJET DAYS

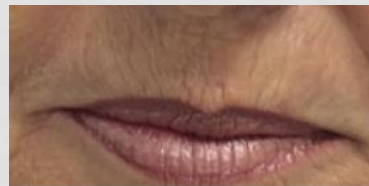
PLASMA THERAPY FOR THE VULVOVAGINAL ATROPHY (VVA)

COOPERATION WITH PAOLO MEZZANA MD, PHD

DELLE MEDICAL CENTER ROME, ITALY



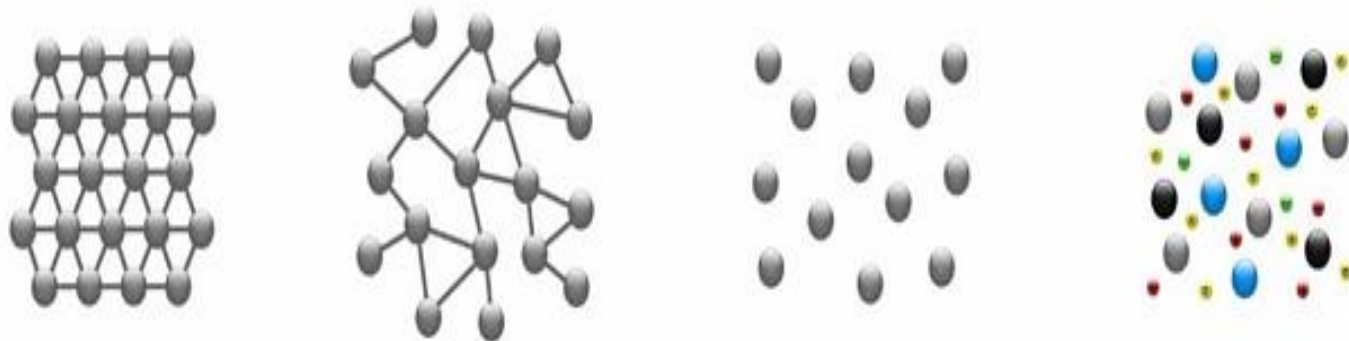
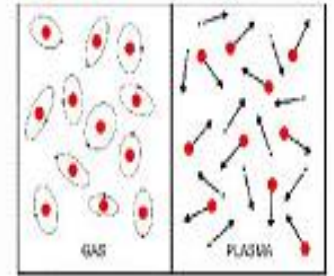
Agnieszka Nalewczyńska MD PhD





Plasma

The fourth state of matter = **ionized gas**



Solid



Liquid



Gas



Plasma



Energy



Molecule



Excited molecule



Particle

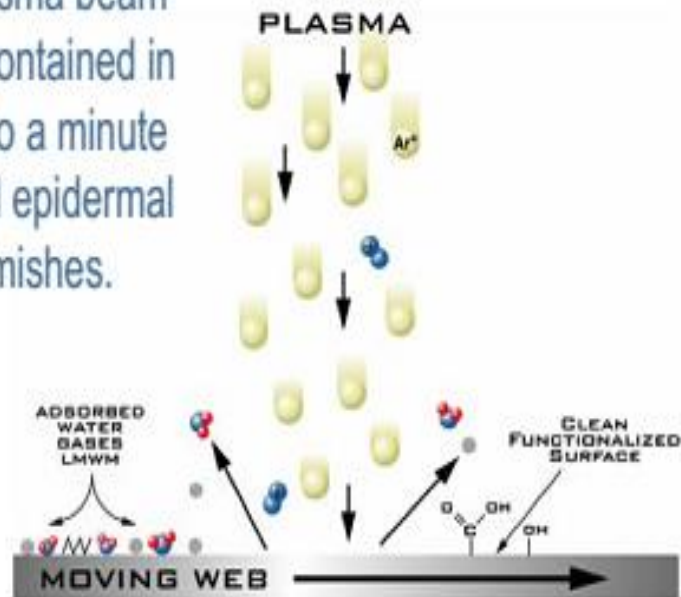


Free-electron



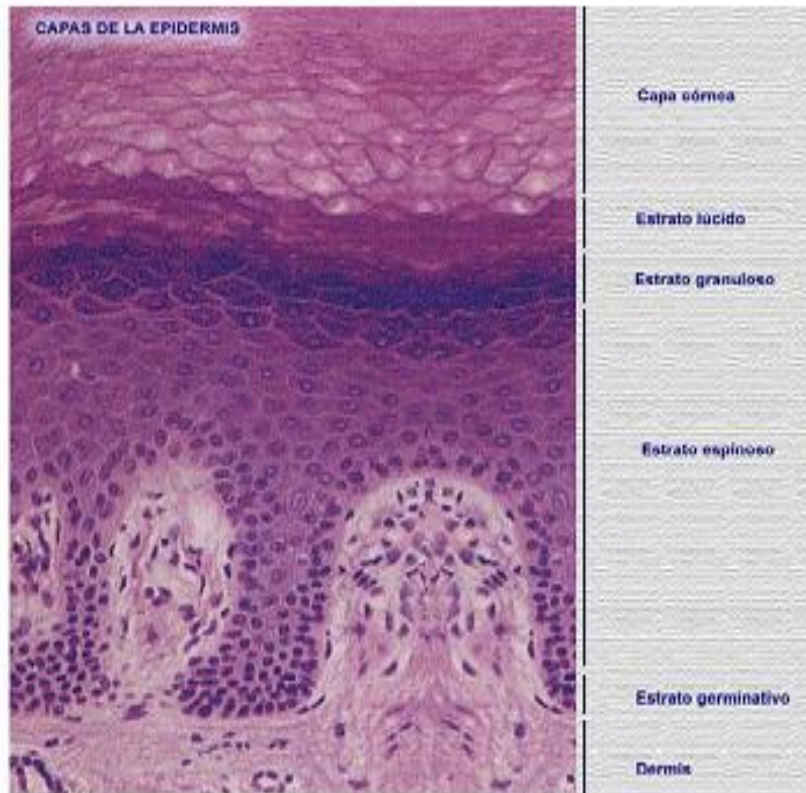
Ions

Plexr produces a controlled and focused micro-plasma beam due to the ionization of the gases contained in the air, a small electric arc similar to a minute lightning, useful to treat dermal and epidermal areas affected by aesthetic blemishes.



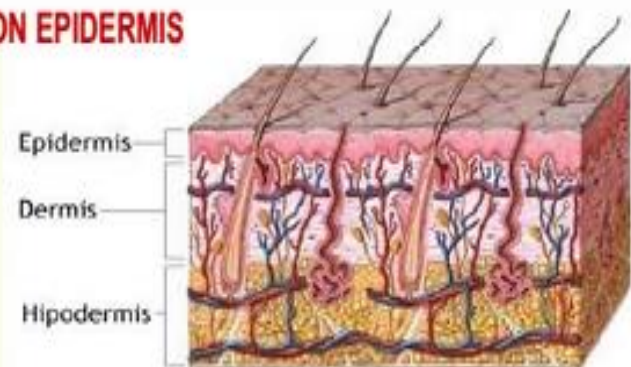
**A micro-plasma beam
to sublime
tissues**





Plasma activity - Epidermic action
 No thermal damages
 Absence of necrotic layer
 and infiltrated inflammatory

SUBLIMATION EPIDERMIS



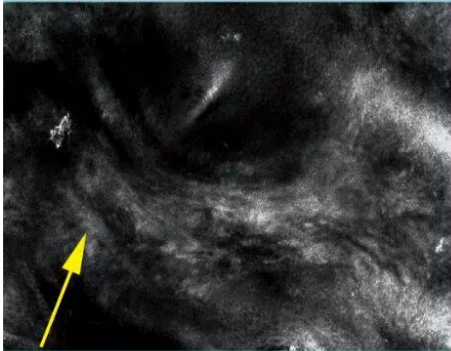
Neocollagenesis

- After 30 days

CONFOCAL LASER MICROSCOPY

(RCM) - VivaScope 3000 MAVIG GMBH - MUNICH GERMANY

BEFORE

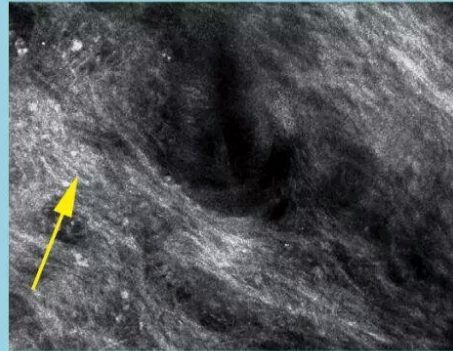


Eyelid tissue

(150-200 microns deep):

Typical collagen fibers of skin laxity. Fragmented, hypo reflective and arranged in a disordered manner (yellow arrow), significant of a marked skin laxity and ageing.

AFTER



Eyelid tissue

(150- 200 microns deep):

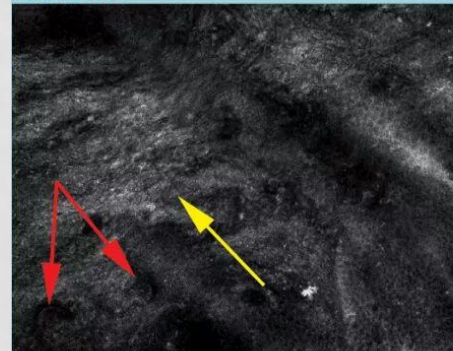
Completely remodelled collagen. It appears hyper reflective, compact and in fiber bundles (yellow arrow), corresponding in a consequent skin tone increase.

*Courtesy of Prof. Pellacani, Dr.ssa Rossi, Dr.ssa Farnetani
Dermatologic Clinic - University of Modena*

CONFOCAL LASER MICROSCOPY

(RCM) - VivaScope 3000 MAVIG GMBH - MUNICH GERMANY

BEFORE

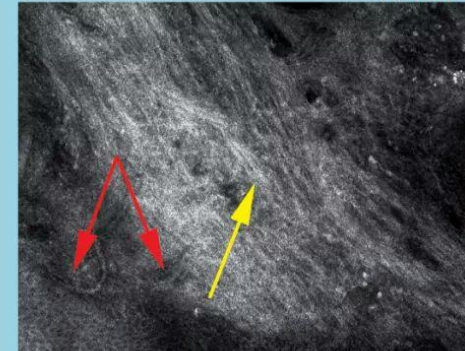


Eyelid tissue

(100-150 microns deep):

average compact collagen fibers but hypo reflective (yellow arrow), which characterize a state of laxity and skin aging, mixed with inflammatory cells and blood vessels (red arrows).

AFTER

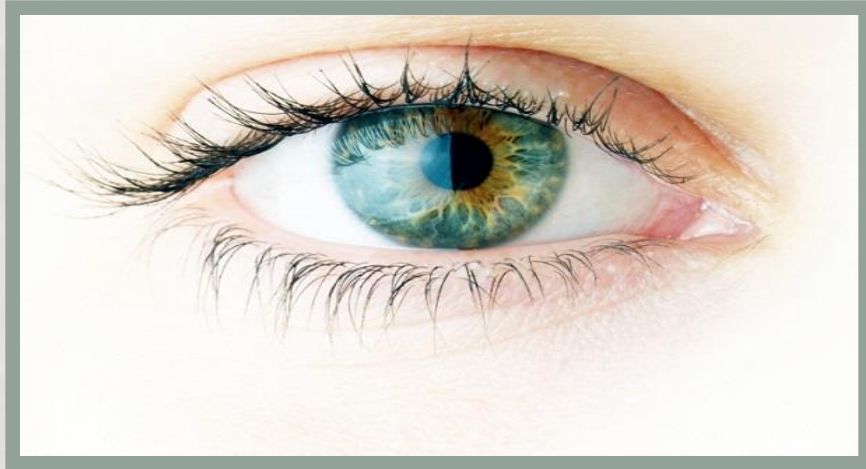


Eyelid tissue

(100-150 microns deep):

more compact collagen fibers and typical hyper reflective of the remodeling process (yellow arrow), justifying the efficacy of clinical results; increased caliber of the blood vessel (red arrows).

*Courtesy of Prof. Pellacani, Dr.ssa Rossi, Dr.ssa Farnetani
Dermatologic Clinic - University of Modena*





THE AIM OF THE STUDY

- to evaluate the safety and efficacy of plasma therapy in the treatment of vulvovaginal atrophy (VVA).

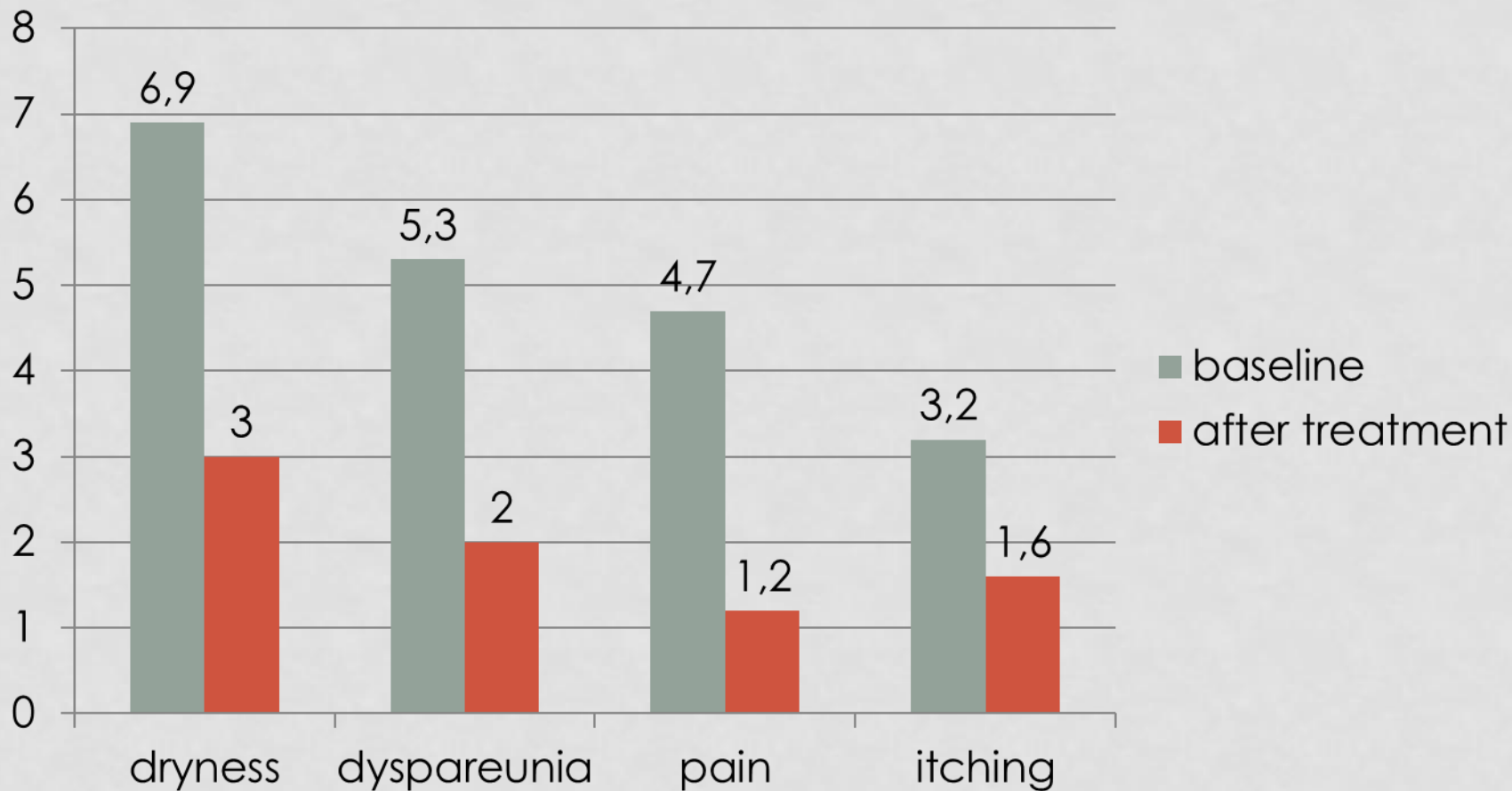
PATIENS & METHODS

- 39 women (mean age $47,2 \pm 6.3$ years)
- Symptoms: dyspareunia, dryness, vaginal pain, burning, itching
- Exclusion criteria : previous use of systemic or topical estrogen-based preparations
- Visual Analog Scales
- Vaginal Health Index scoring

METHODS

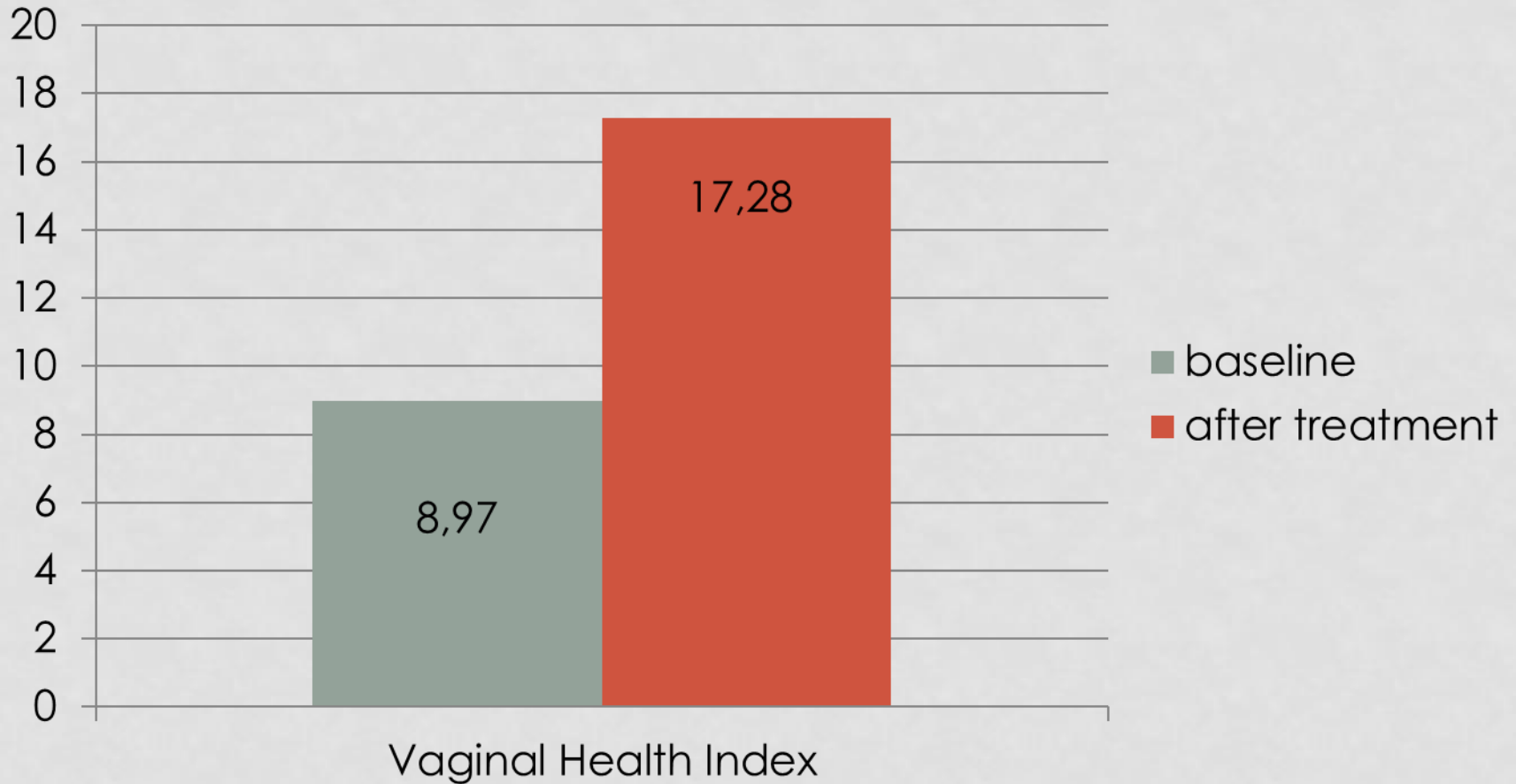
- One plexer therapy was applied
- Outcomes were evaluated at baseline and 1 month following the therapy
- Participant satisfaction was measured on 5-point Likert scales (1 = very dissatisfied, 5 = very satisfied)

VISUAL ANALOGIC SCALE (VAS) MEAN SCORES OF SYMPTOMS



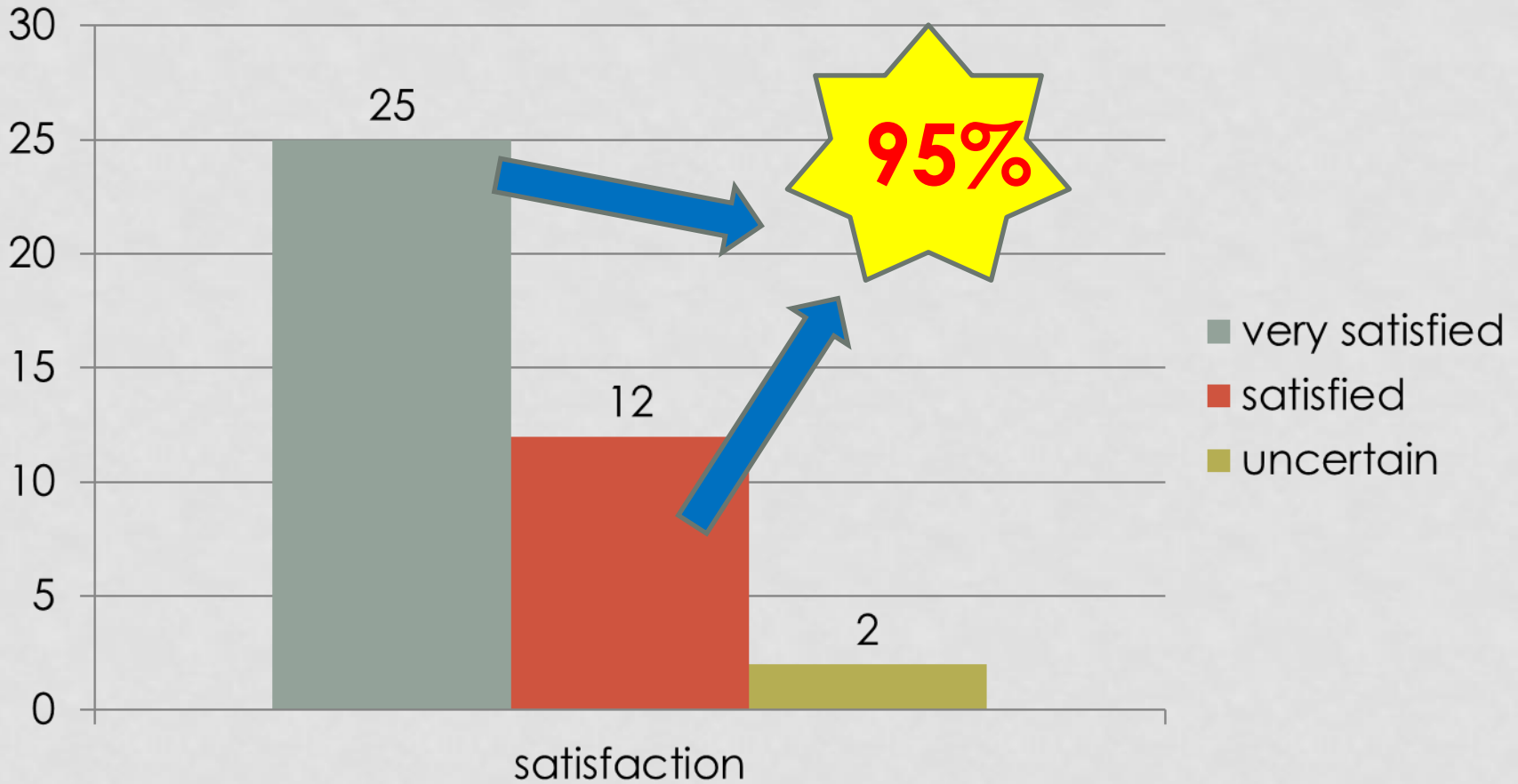
Wilcoxon signed-rank test: $p < 0.0001$

VAGINAL HEALTH INDEX (VHI) MEAN SCORES AT BASELINE AND AFTER TREATMENT



(Wilcoxon signed-rank test : $p < 0.0001$)

5-POINT LIKERT SCALES



~~side
Effects~~

CONCLUSIONS

- Plasma is a good treatment option for VVA symptoms
- Plasma therapy may improve genitourinary symptoms and clinical signs

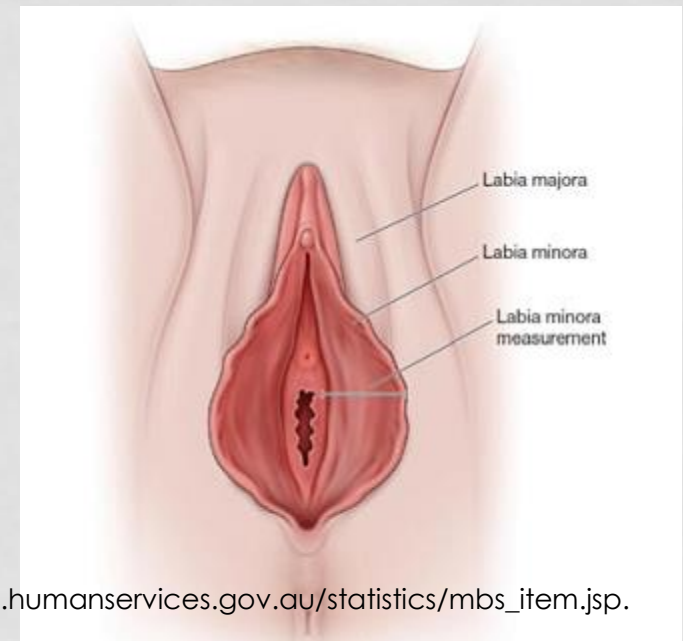


5070 in 2013 to 7535 in 2014

The American Society for

Aesthetic Plastic Surgery – 21th place and 10774 in 2016

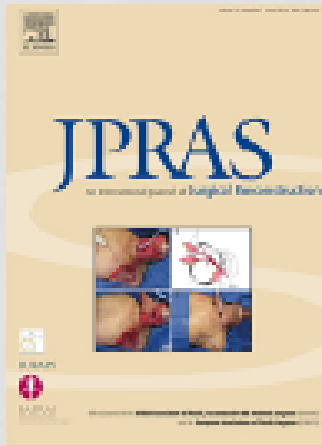
- an increasingly popular in recent years
- no guidelines for
- no established anatomic standard
- carried out for a variety of reasons



Cosmetic Surgery National Data Bank Statistics. *Aesthet Surg J.* 2015;35(Suppl 2):1-24.

Medicare benefits schedule item statistics report: Item 35533. http://medicarestatistics.humanservices.gov.au/statistics/mbs_item.jsp. Accessed November 1, 2015.

Iglesia C., Yurteri- Kaplan L., Alinsod R. *Female genital cosmetic surgery: a review of techniques and outcomes* *Int Urogynecol J* 2013 24:1997– 2009

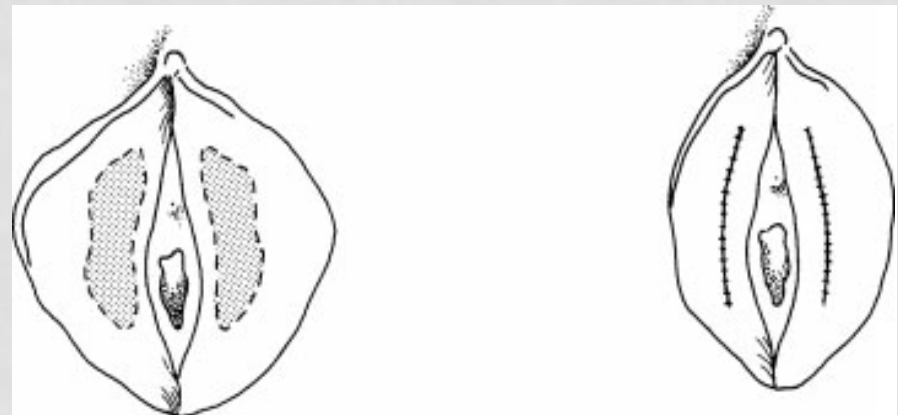
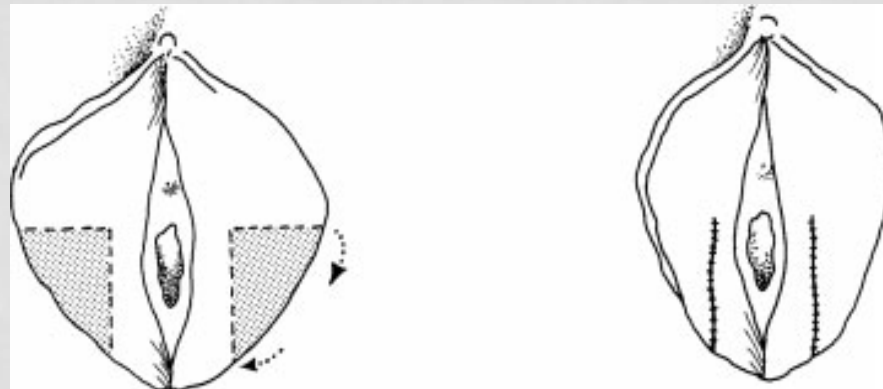
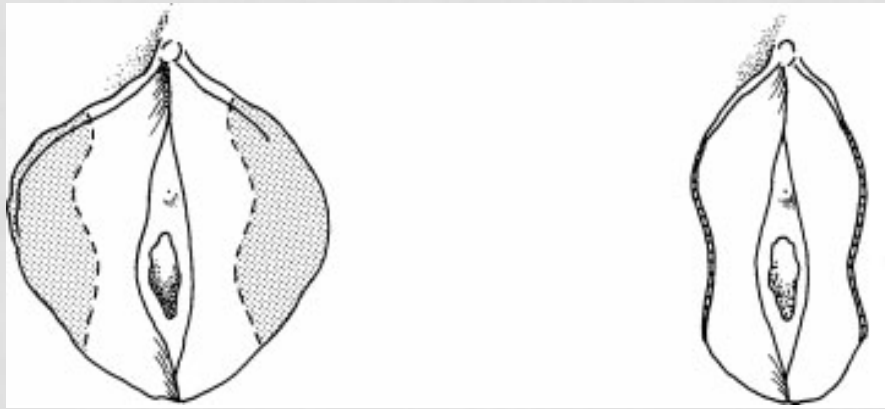


Invasive Aesthetic Gynecology Trends In Poland Between 2010 And 2016: A Multicenter Experience-★★★★★

**Marek Paul MDPHd , Michał Barwłuk MD ,
Adrianna Jurkiewicz MD , Piotr Kolczewski MD ,
Iwona Gabriel MDPHd**

- 2010-2016
- 3 different regions
- Only invasive procedures
- Increase in this period
- Most common 40-49 yo
- 1640 procedures

A total of 1640 procedures were performed during a six-year period including 674 labiaplasties, 454 vaginoplasties, 184 perineoplasties, 139 introitoplasties, 124 clitoroplasties, and 65 labia



Factors That Influence the Decision to Undergo Labiaplasty: Media, Relationships, and Psychological Well-Being

Aesthetic Surgery Journal
2016, Vol 36(4) 469–478
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DOI: 10.1093/asj/sjv270
www.aestheticsurgeryjournal.com

OXFORD
UNIVERSITY PRESS

Gemma Sharp, MSc; Marika Tiggemann, PhD; and Julie Mattiske, PhD

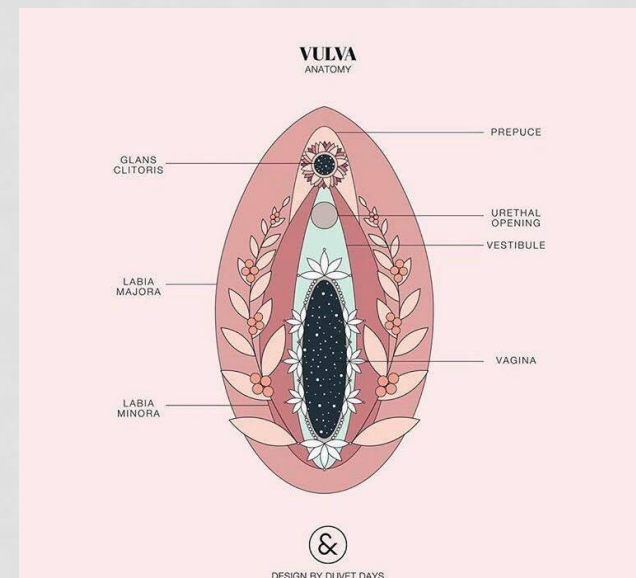
Women seeking to undergo labiaplasty (n = 35) were compared with women who were not (n = 30)

Conclusions: The findings identified media exposure and relationship status as important factors that influence women's decisions to undergo labiaplasty.

| Theme | Examples | n (%) ^a |
|---------------|---|--------------------|
| Appearance | "Didn't like the look of my labia. Not what is shown on social media." "Feel like I don't look 'normal.'" | 25 (71.4) |
| Functional | "Discomfort during sporting activity." "Discomfort wearing tight clothes and going to the toilet." | 24 (68.6) |
| Sexual | "I was sick of sexual discomfort during and after sex." "It made me self-conscious in being with a new partner. I worried they would be as freaked out about it as I was." | 21 (60.0) |
| Psychological | "To improve my self-esteem – have been insecure and self-conscious for years." "I know my labia are different, and this impacts my confidence." | 16 (45.7) |

PATIENS & METHODS

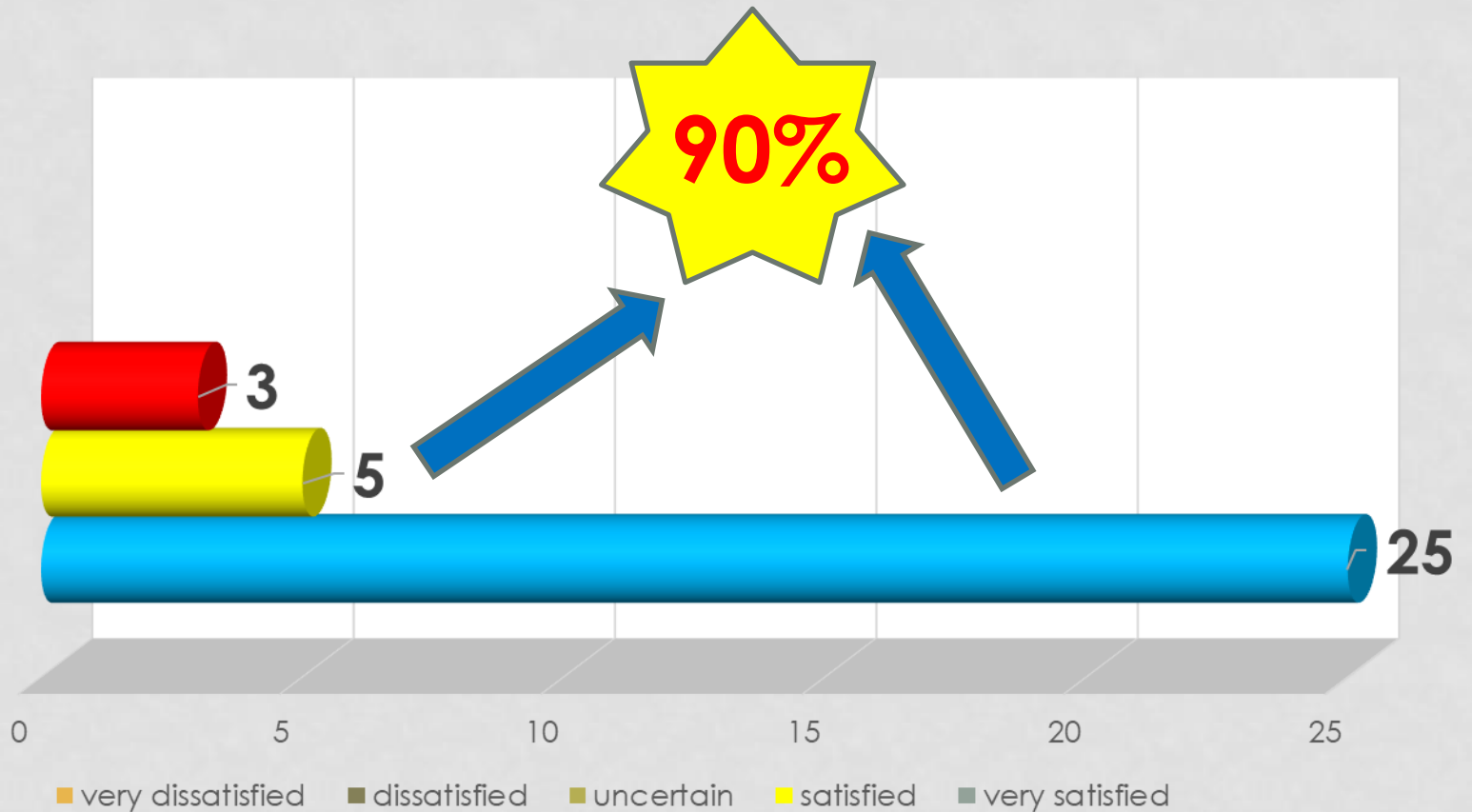
- 33 women (mean age 36 ± 7.5 years)
- Symptoms: hypertrophy of labia minora
- Visual Analog Scales



METHODS

- One plexer therapy was applied
- Outcomes were evaluated at baseline and 1 month following the therapy
- 5-point Likert scales (1 = very dissatisfied, 5 = very satisfied)

5-POINT LIKERT SCALES



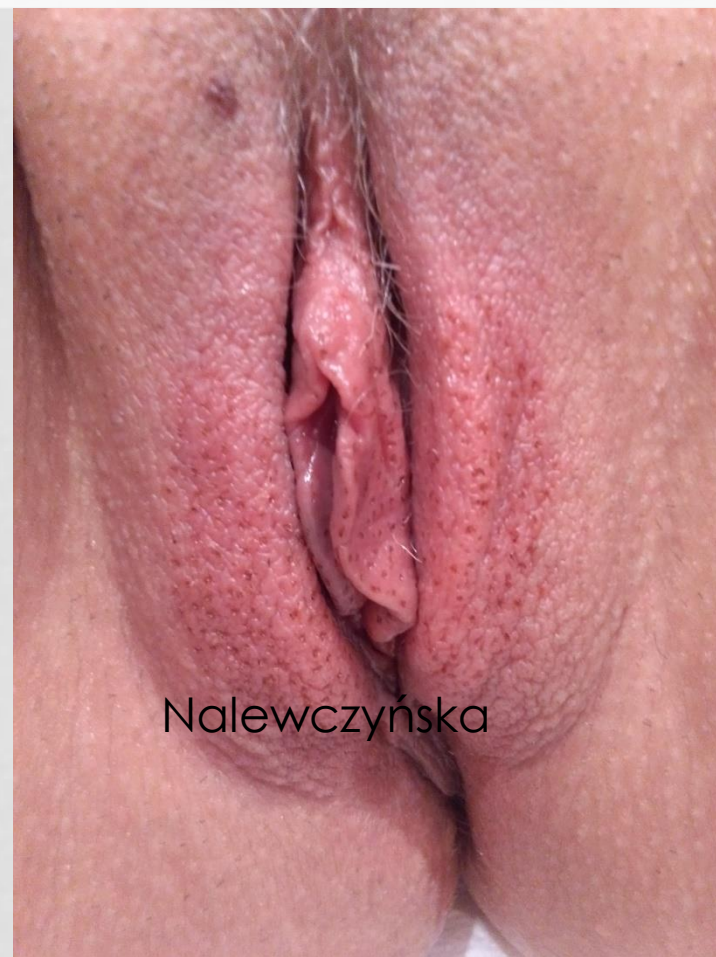
SURGICAL LABIAPLASTY SIDE EFFECTS

- dehiscence
- hematoma
- unsatisfactory scarring
- superficial infections
- flap necrosis

Motakef S, Rodriguez-Feliz J, Chung MT, Ingargiola MJ, Wong VW, Patel A. Vaginal labiaplasty: current practices and a simplified classification system for labial protrusion. *Plast Reconstr Surg.* 2015;135(3):774-88.

~~side
Effects~~

47yo VHI 12



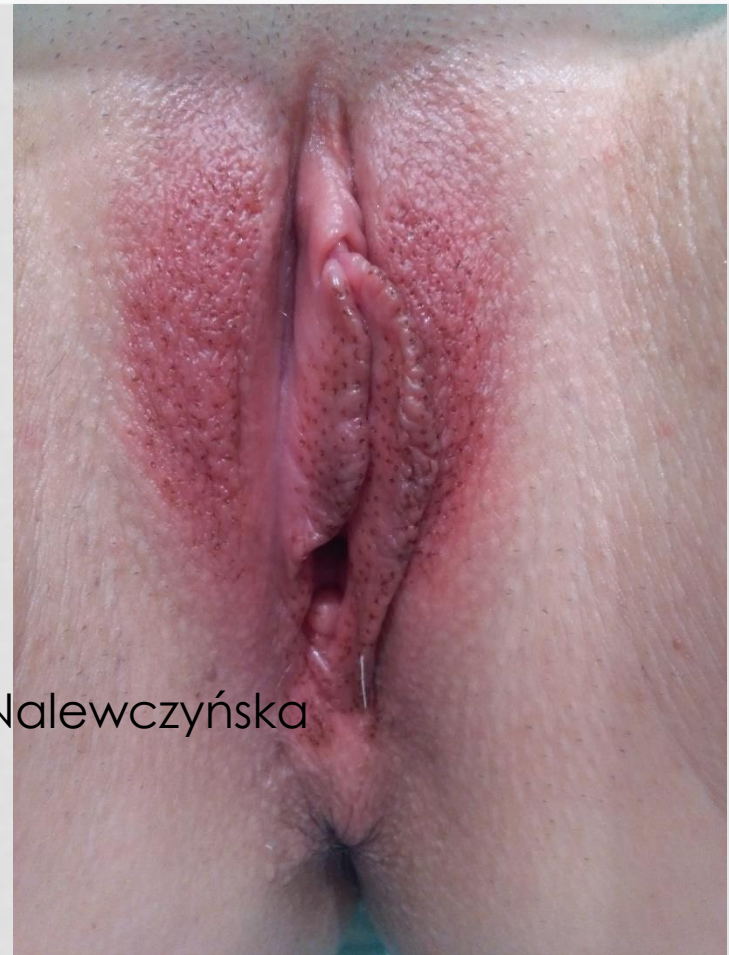
56yo VHI 6



51yo VHI 10



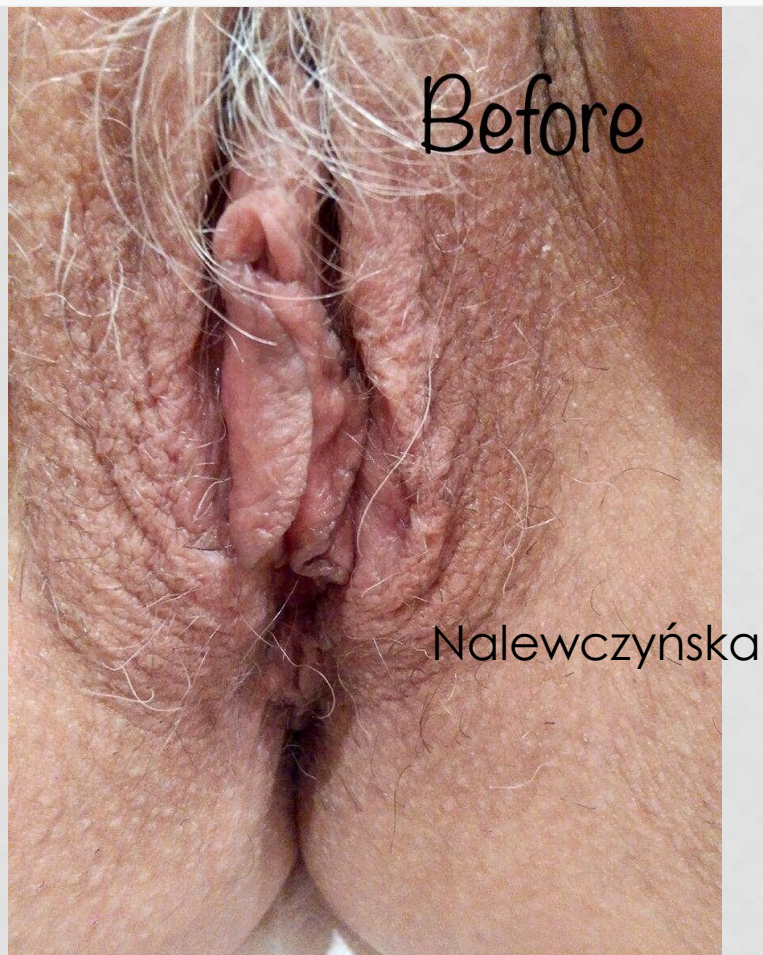
53yo VHI 11



51yo VHI 10



60yo VHI 9



40yo with hypertrophy

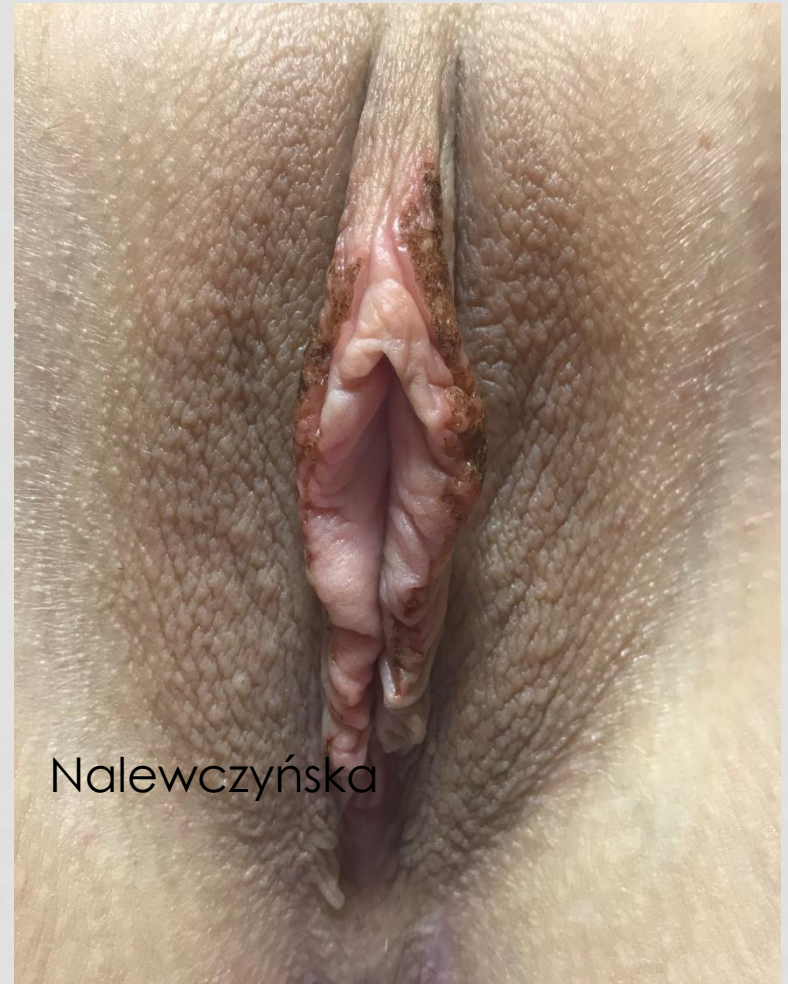


Nalewczyńska



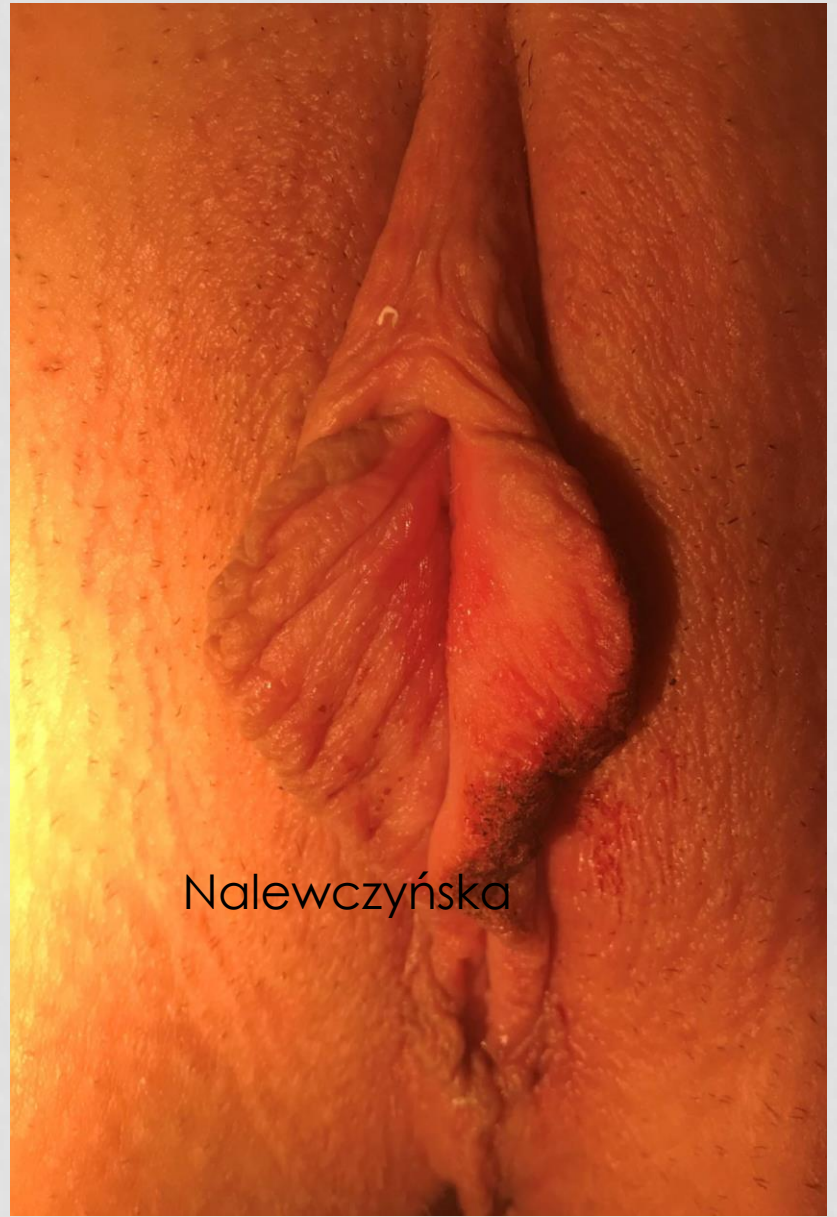
Nalewczyńska

35yo after labioplasty

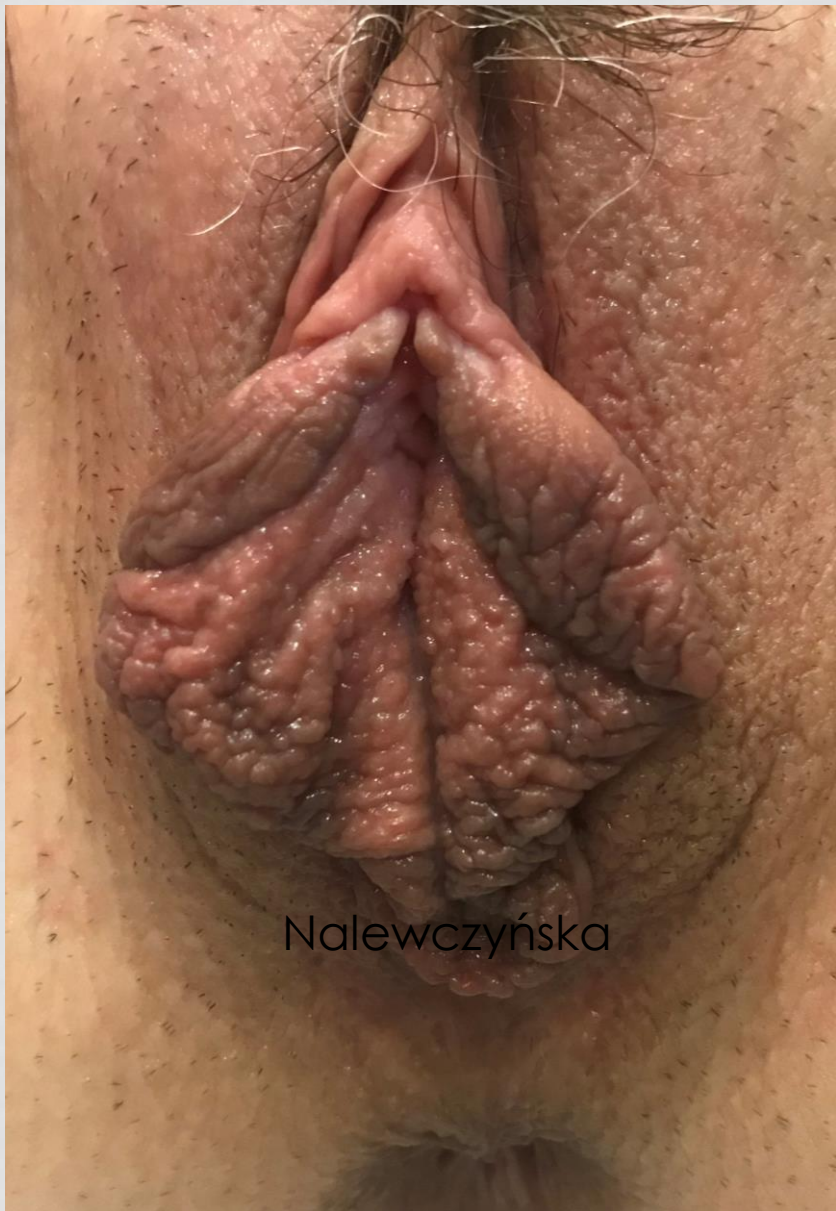




Nalewczyńska



Nalewczyńska



Nalewczyńska



Nalewczyńska

Multumesc Spasibo Niringrazzjak
Mochchakkeram Merci Obrigado
Arigato Grazie
Dankon Chokrane
Spasibo Cam on ban
Maake
Matondo Ua Tsaug Rau Koj
Obrigado Multumesc
Vinaaka
Mamana Mochchakkeram Ua Tsaug Rau Koj
Terma Kasih Obrigado
Merci Mochchakkeram
Obrigado
Salamat
Melainin Niringrazzjak
Kia Ora Chokrane Merci
Matur Nuwun Kiitos
Muitumesc

Dziękuję