

# 360° VOLUMETRIC HEATING: VAGINAL HEALTH STUDY

## MONOPOLAR RADIOFREQUENCY TECHNOLOGY TREATING DYSPAREUNIA IN POSTMENOPAUSAL WOMEN WITH SEVERE VULVOVAGINAL ATROPHY

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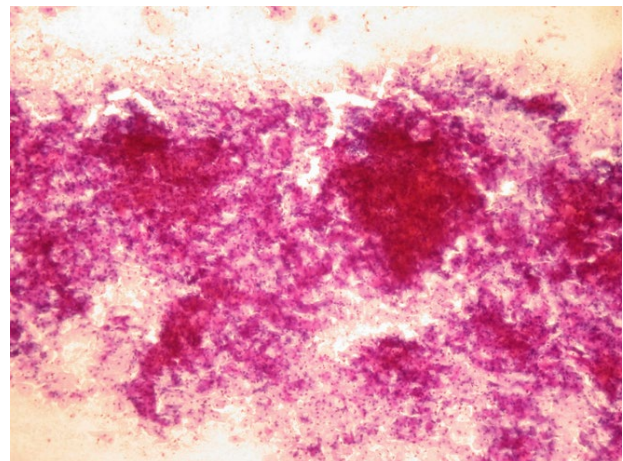
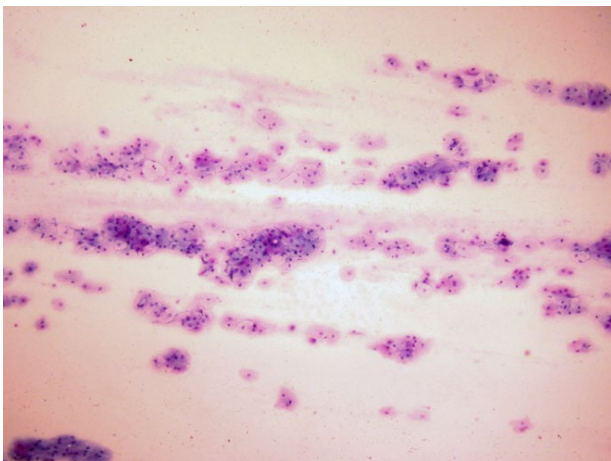
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### HIGHLIGHTS

- **35** postmenopausal subjects (av. 56.6 years) received three 8-minute treatments once a week.
- **Vaginal Maturation Index increased significantly** in all subjects and represents restoration of vaginal premenopausal cells.
- Vaginal pH decreased from 6.6 to a **healthy level** of 4.1 after the last treatment.
- The presence of Inflammatory cells (leucocytes) decreased from **35 % to 0 %**

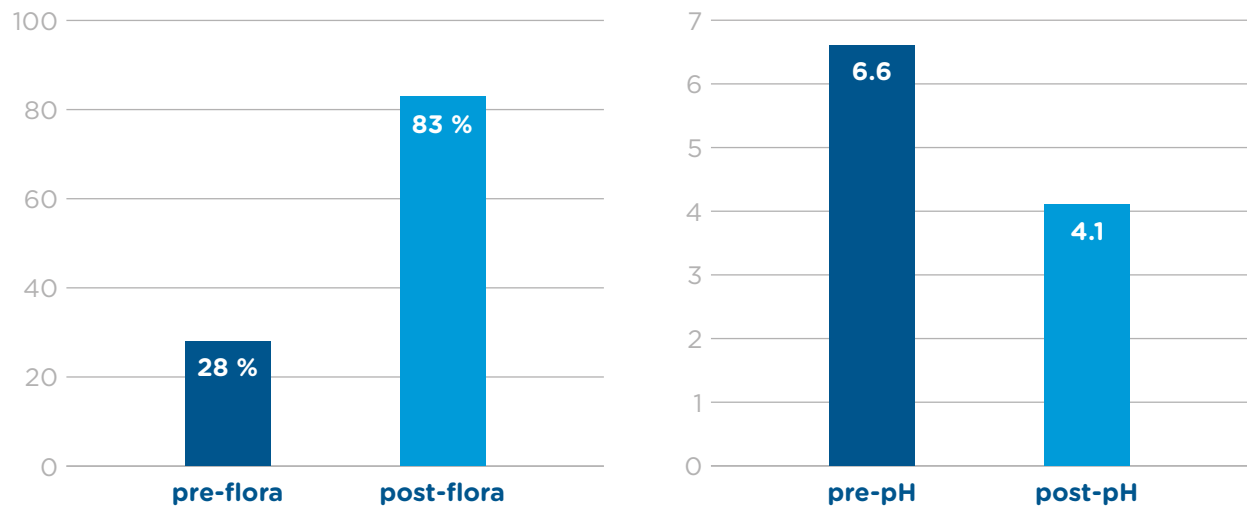


An atrophic parabasal cells and absence of superficial cells from vaginal-smear correlate to a menopause patient with a severe vulvovaginal atrophy (left); "estrogenized-like" intermediate cells correlate to a menopause woman without any symptom of the menopause genitourinary syndrome (right).

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## CONCLUSIONS

- **95%** of study patients found the treatment **comfortable**.
- **All patients** initially suffering from severe dyspareunia **were capable of sexual intercourse without pain** after the treatments.
- A complete **vaginal restoration** was observed and all evaluted markers **significantly improved** after the treatments.
- The treatment was **effective** and no adverse events were observed.



Increase of vaginal Lactobacillus flora from 28 % pre-treatments to 83 % post-treatments (left);  
Shift of acid vaginal pH levels (6.6 pre-treatments) to normal pre-menopausal pH levels (4.1 post-treatments) (right).