



CASE REPORT
SmartXide²

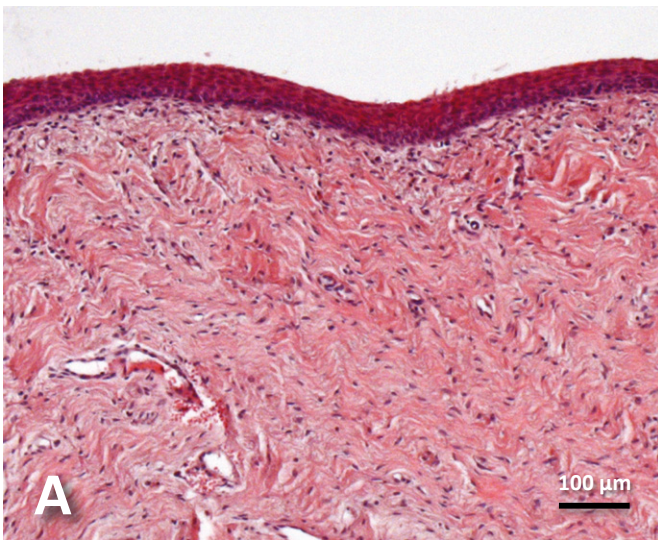
MonaLisa Touch[®]



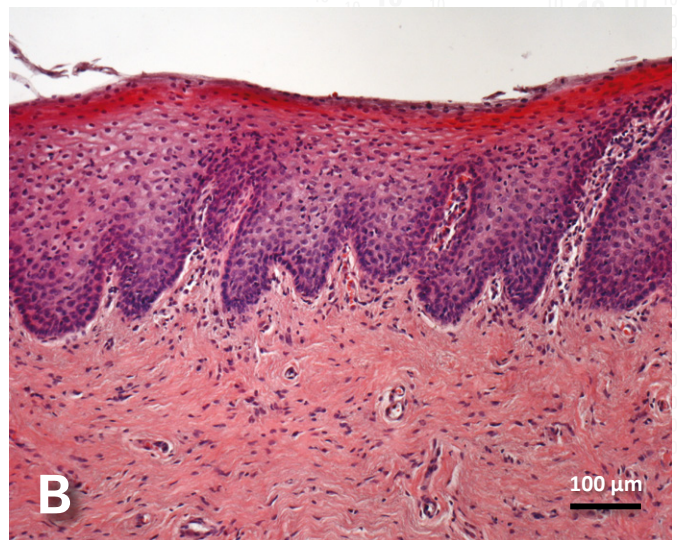
The Code of Excellence

Histological preparation of vaginal mucosa sections stained with haematoxylin and eosin (H&E)

Pictures magnification 100x



(A) Vaginal mucosa in the basal condition with a thinner epithelium typical of atrophic vaginitis.



(B) The same patient two months after one **MonaLisa Touch[®]** session. It is evident the thicker epithelium of the mucosa.

Patient data

Age: 59

Age at menopause: 48 years old

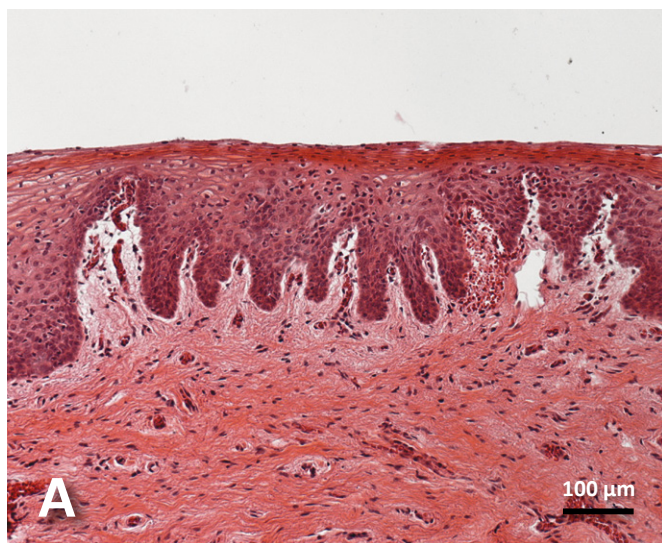
Note: The patient was never given any HRT.

Courtesy of: **Prof. A. Calligaro, MD**

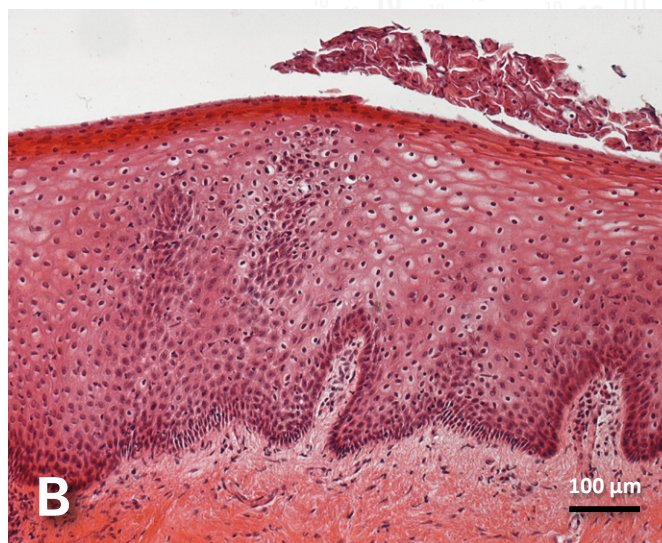
Professor of Histology and Embryology at the University of Pavia, Italy

Histological preparation of vaginal mucosa sections stained with haematoxylin and eosin (H&E)

Pictures magnification 100x



(A) Vaginal mucosa in the basal condition. It is possible to see a thinner epithelium and the presence of papillae. This morphological picture indicates vaginal atrophy at an early stage, gradually evolving towards a condition characterized by an epithelium formed by few cell layers and no papillae.



(B) Vaginal mucosa of the same patient one month after one **MonaLisa Touch[®]** session. The much thicker epithelium and shedding of numerous big cells from the free surface, together with the larger diameter of epithelial cells rich in glycogen, demonstrate the restored metabolic trophism and dynamics of the whole epithelium.

Patient data

Age: 54

Age at menopause: 44 years old

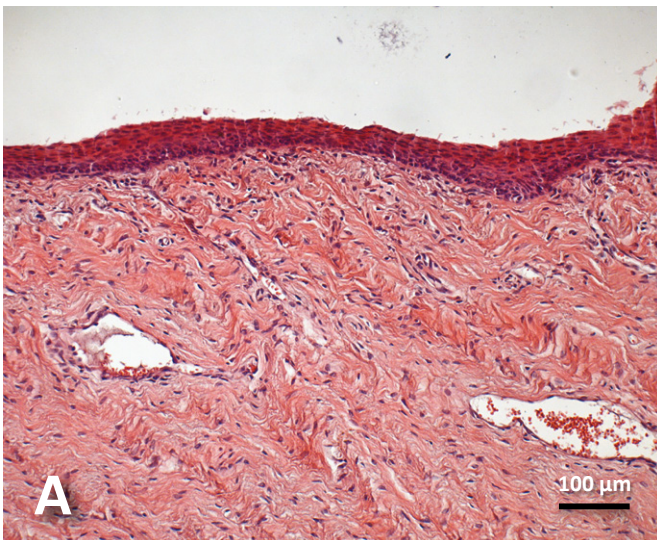
Note: The patient was never given any HRT.

Courtesy of: **Prof. A. Calligaro, MD**

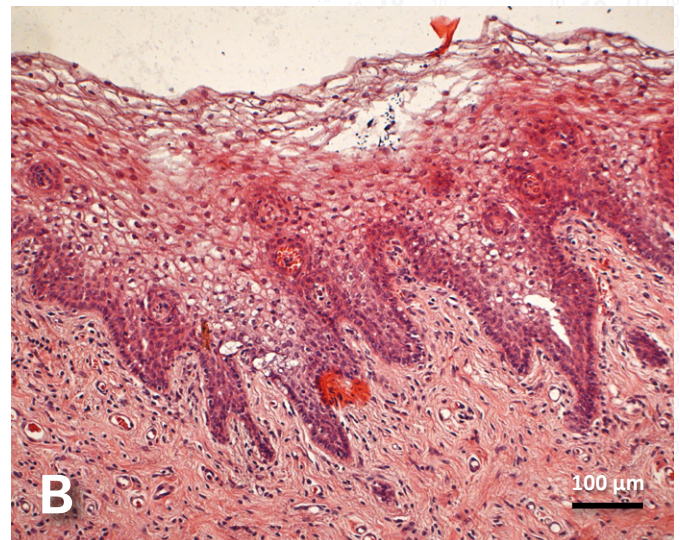
Professor of Histology and Embryology at the University of Pavia, Italy

Histological preparation of vaginal mucosa sections stained with haematoxylin and eosin (H&E)

Pictures magnification 100x



(A) Vaginal mucosa in the basal condition with a thinner epithelium typical of atrophic vaginitis.



(B) The same patient two months after one **MonaLisa Touch[®]** session. It is evident the thicker epithelium of the mucosa.

Patient data

Age: 55

Age at menopause: 44 years old

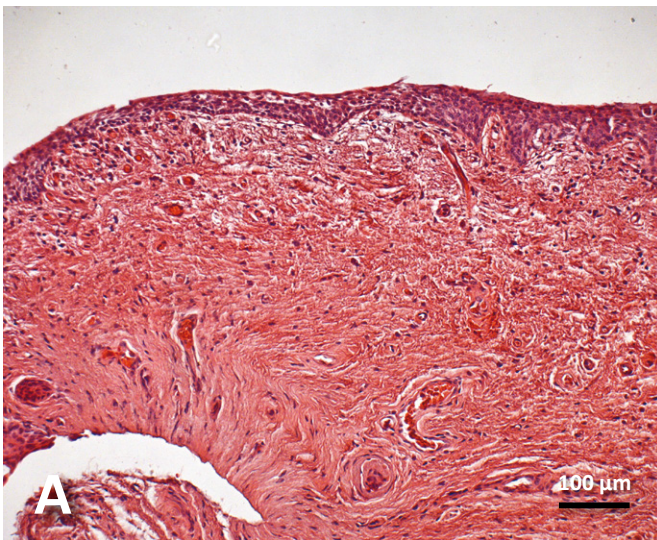
Note: The patient was never given any HRT. Breast cancer familiarity.

Courtesy of: **Prof. A. Calligaro, MD**

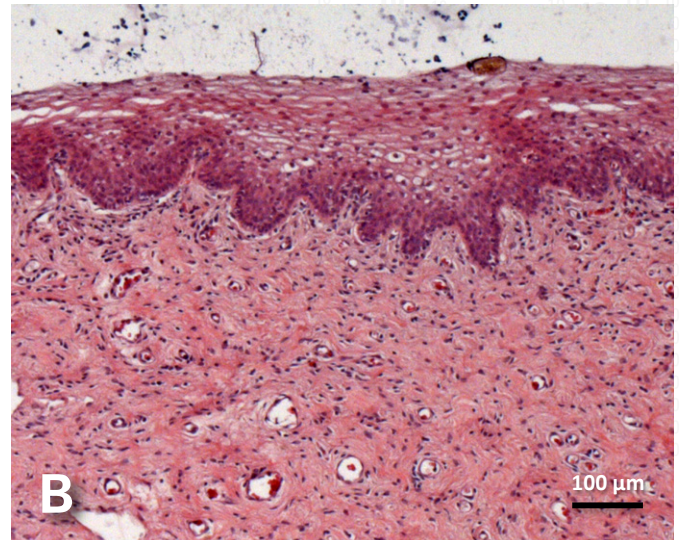
Professor of Histology and Embryology at the University of Pavia, Italy

Histological preparation of vaginal mucosa sections stained with haematoxylin and eosin (H&E)

Pictures magnification 100x



(A) Vaginal mucosa in the basal condition with a thinner epithelium typical of atrophic vaginitis.



(B) The same patient two months after one **MonaLisa Touch[®]** session. It is evident the thicker epithelium of the mucosa.

Patient data

Age: 54

Age at menopause: 53 years old

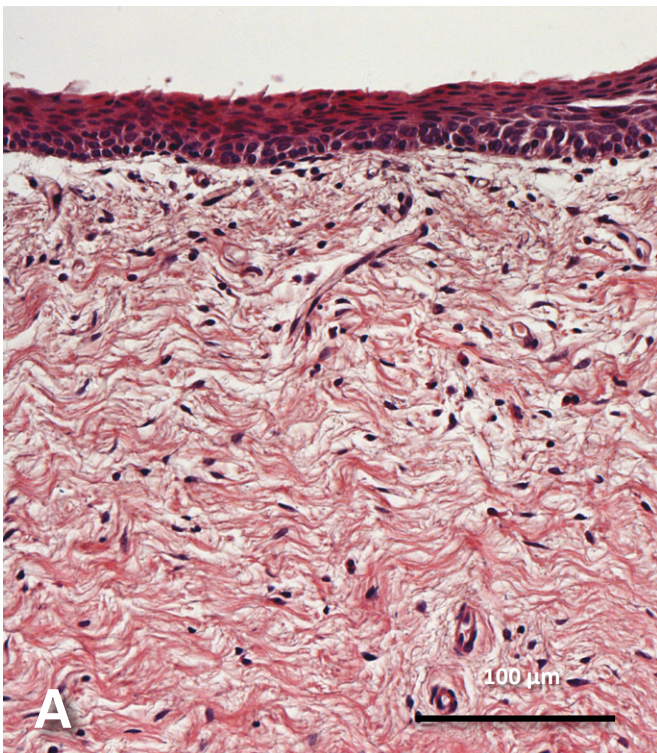
Note: The patient was never given any HRT.

Courtesy of: **Prof. A. Calligaro, MD**

Professor of Histology and Embryology at the University of Pavia, Italy

Histological preparation of vaginal mucosa sections stained with haematoxylin and eosin (H&E)

Pictures magnification 250x



(A) Vaginal mucosa in the basal condition with a thinner epithelium typical of atrophic vaginitis.



(B) Vaginal mucosa of the same patient two months after one **MonaLisa Touch[®]** session. The much thicker epithelium and shedding of numerous big cells from the free surface, together with the larger diameter of epithelial cells rich in glycogen, demonstrate the restored metabolic trophism and dynamics of the whole epithelium.

Patient data

Age: 63

Age at menopause: 49 years old

Note: The patient was given HRT for 6 years, up to 55 years old.

Courtesy of: **Prof. A. Calligaro, MD**

Professor of Histology and Embryology at the University of Pavia, Italy



The Code of Excellence

www.dekalaser.com

DEKA M.E.L.A. s.r.l.

Via Baldanzese,17 - 50041 Calenzano (FI) - Italy
Tel. +39 055 8874942 - Fax +39 055 8832884

Follow us on

