
Slawomir Wozniak¹, Piotr Czuczwar¹, Piotr R. Szkodziak¹, Akadiusz Krzyzanowski², Andrzej Wozniak¹, Tomasz Paszkowski¹  1. 3rd Chair and Department of Gynecology, Medical University of Lublin, Lublin, Poland. 2. Department of Obstetrics and Pathology of Pregnancy, Medical University of Lublin, Lublin, Poland.

Results: “Elasto Strain Ratio” of myometrium in group of focal endometrium lesions evaluated during hysteroscopy as polyps ( N=29 ) was calculated as 0.32 (range 0.25 – 0.47). In group of women suffering from submucosal myomas ( n=23) “Elasto Strain Ratio” was 1.29 (range 1.04 – 1.65).

Conclusions: The results of the study indicate a decrease of focal endometrium lesions stiffness estimated in patients with polyps compared to the group of patients with submucosal myomas. This study showed that, the use of elastography in addition to conventional ultrasound could help to distinguish between endometrial polyps and submucosal myomas.