

Review of Pipelle biopsy outcome + a retrospective study on Postmenopausal proliferative endometrium

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Introduction

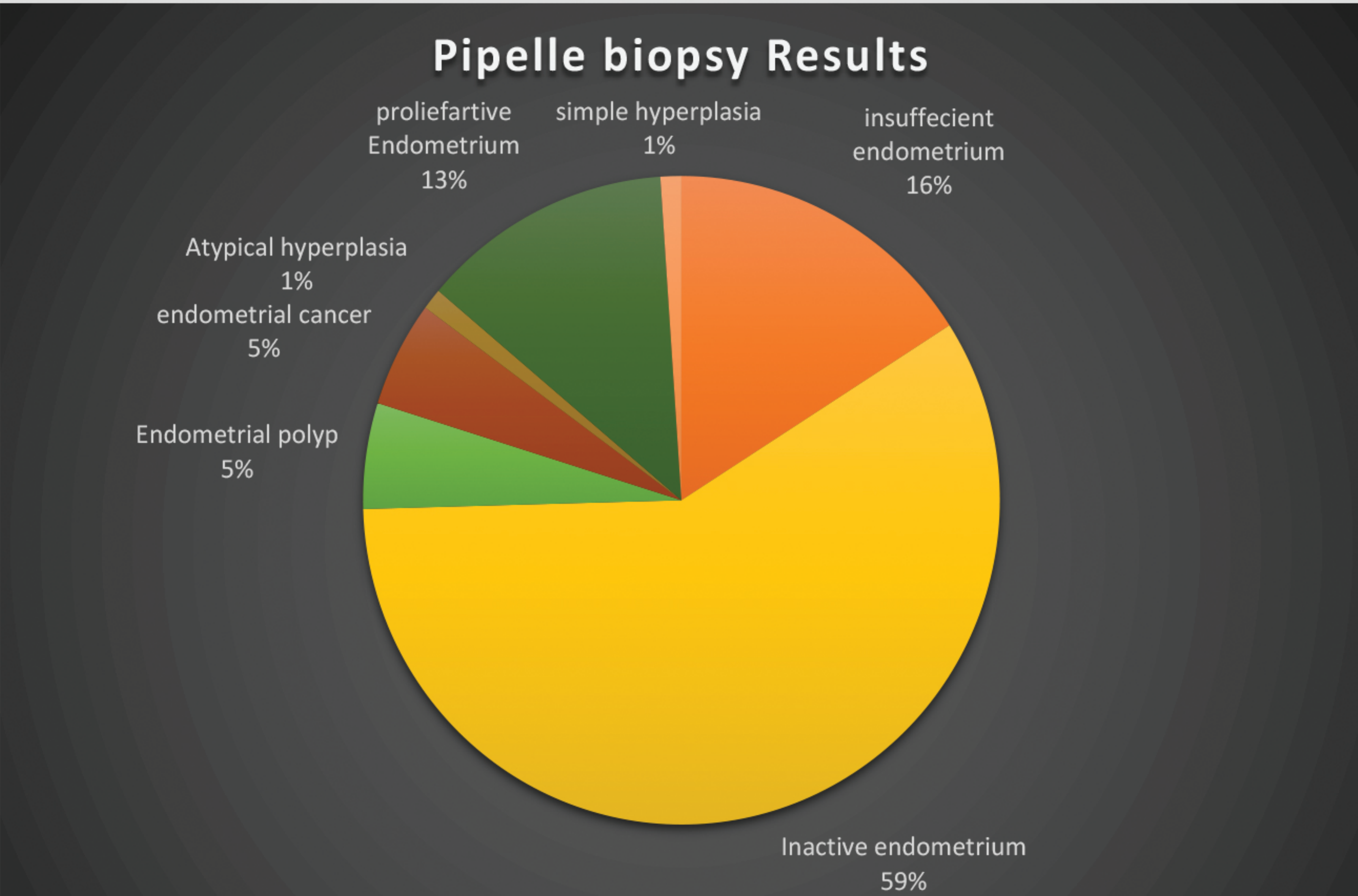
Postmenopausal bleeding is the most common reason for referral to PMB clinic; number of pathologies was identified after investigating these women including: simple hyperplasia, atypical hyperplasia, complex hyperplasia, proliferative endometrium and cancer. However, there is no clear guidance on managing proliferative endometrium. Hence, a number of studies have pointed toward the fact that it could be a pre-cancerous condition; a suitable guidance should be implemented on how to follow patients with proliferative endometrium and how to treat them. The aim of the study is to suggest a line of management that can be followed

Methodology

This is a retrospective study included all patients attending a PMB clinic in Raigmore hospital over 1 year period from April 2021 until April 2022, women whom their USS endometrial thickness was more than 4mm were investigated by obtaining endometrial biopsy (EB) using pipelle catheter and results were reviewed

Results

Sufficient samples were 83.3% , results included: Inactive endometrium 61.1%, Endometrial Polyp 5.5%, Endometrial cancer 5.5 %. 1.1% showed atypical hyperplasia, and 1.1% , showed simple hyperplasia. Proliferative endometrium was found in 13.3 % . 17 % were on HRT and 83.3 % were not on HRT. These were further referred to OPH. 33% had atrophic looking endometrium. 16% had polyps and 16% had proliferative endometrium



Conclusion

In our study accuracy of Pipelle when compared with hysteroscopy findings was found to be 60% , and the sensitivity in detecting .proliferative endometrium was found to be 20 percent
About one in every ten postmenopausal women who underwent endometrial sampling had a proliferative endometrium. In our study about 8.5% women had non- HRT related proliferative endometrium

Refrences

- Long-term outcome of postmenopausal women with proliferative endometrium on endometrial sampling . Ohad Rotenberg, MD Georgios Doulaveris, MD Dmitry Fridman, MD, PhD Xianhong Xie, PhD Gary L. Goldberg, MD Pe’er Dar, MD Published:July 04, 2020 DOI:<https://doi.org/10.1016/j.ajog.2020.06.045>
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