

Importance of histopathological examination of endometrium in Dysfunctional Uterine Bleeding.

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Abstract:

Introduction: Abnormal uterine bleeding is a common condition affecting women of reproductive age that has significant social and economic impact. Dysfunctional uterine bleeding (DUB) is defined as abnormal uterine bleeding in the absence of organic disease. Dysfunctional uterine bleeding is one of the most commonly encountered gynaecological problems. **Objectives:** This study is done to evaluate the histopathological pattern of the endometrial biopsies of patients with dysfunctional uterine bleeding and its correlation with clinical data. **Methods:** The present prospective study included evaluation of 208 cases of dysfunctional uterine bleeding in the Department of Pathology, B. J. Medical College, Ahmedabad over a period of 10 months, from January 2017 to October 2017. Women presenting with abnormal uterine bleeding were included in the study. Those women in which bleeding is secondary to systemic causes, organic causes and due to cervical and vaginal causes were excluded. The specimens were processed, embedded and cut into sections of 3-4 microns. The histopathological patterns were studied. **Results:** Age distribution varied from 18 years to 70 years, majority of the patients were between 21 to 30 years. Among the cases of DUB, proliferative phase accounted for 66.3% and secretory phase accounted for 21.3%. 18 cases (8.6%) of atrophic endometrium, four cases (1.9%) of irregular shedding and two cases of luteal phase insufficiency were received. **Conclusion:** Dysfunctional uterine bleeding is a common and debilitating condition in women of reproductive age. Endometrial biopsy could be effectively used as the first diagnostic step in DUB and thus ensures correct management.

Keywords: AUB, DUB, Endometrial biopsy, Histopathology.

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