



DOI: **10.5958/2249-7137.2021.02323.5**

PATHOGENETIC ASPECTS OF ABNORMAL UTERINE BLEEDING INTEENAGE GIRLS

Rasulova Saodat Xalimovna*; Ashurova Nigora Gafurovna**

^{1,2} Bukhara State Medical Institute,
UZBEKISTAN

ABSTRACT

This review presents data revealing the pathogenesis of uterine bleeding during puberty, examines neuro-endocrine and immune mechanisms of regulation of the menstrual cycle in adolescent girls. The authors have formulated a conclusion summarizing modern research devoted to the study of the regulatory mechanisms of the reproductive system.

KEYWORDS: *Uterine Bleeding, Puberty, Adolescent Girls, Reproductive System.*

REFERENCES

1. Sibirskiy V.K., Stepanov V.G. Knowledge management and human capital in the era of innovation: Monograph. - Moscow: CHOUVO "MU named after S.Yu. Witte", 2014. - P. 272
2. Adamyan Leyla Vladimirovna, Sibirskaya Elena Viktorovna, & Bogdanova Elena Aleksandrovna (2014). Therapy of uterine bleeding during puberty from the point of view of evidence-based medicine. Reproductive health of children and adolescents, (5 (58)), 17-21.
3. Khuraseva Anna Borisovna (2015). Uterine bleeding of puberty - problems and solutions. Reproductive health of children and adolescents, (2 (61)), 84-88.
4. Valeeva, F. V., Zubairova, L. D., & Tagirova, A. A. (2019). Clinical and diagnostic significance of microvesiculation of blood cells in abnormal uterine bleeding. Prakticheskayameditsina, (34), 109-112.
5. Goodman, A. Abnormal genital tract bleeding / A. Goodman // Clin.Comerstone. – 2000. – Vol.3, No. 1. – P. 25-35. 36. Guint, E. H. The conservative management of abnormal bleeding in teenagers with development disabilities / Guint E. H. // J. Pediatric Adolescent Gynecology-2003. – Vol.16, No. 1. – P. 54 - 56.

6. Dmitriev, V. V., Mozheyko, L. F., &Guzey, I. A. (2014). Blood clotting disorders as a cause of juvenile uterine bleeding in adolescent girls aged 12-18 years. *Oncohematology*, (1), 47-51.
7. Elena VitalievnaUvarova (2021). Clinical Recommendations (Draft). Abnormal Uterine Bleeding During Puberty. *Reproductive health of children and adolescents*, 17 (3), 5-30.
8. Sashkina A.E., Sibirskaya E.V., &Ordin G.V. (2017). Some aspects of pathogenesis and pathogenetic treatment of uterine bleeding during puberty. *Medical business*, (2), 63-65.
9. Kalashnikova, I. V., Orlova, V. S., &Adjey, O. K. (2011). Pathogenetically significant factors of abnormal uterine bleeding in puberty. *Actual problems of medicine*, 16 (22 (117)), 5-12.
10. Andreeva, V. O., Mashtalova, A. A., & Linde, V. A. (2019). The role of growth factors in the pathogenesis of uterine bleeding during puberty. *News of higher educational institutions. The North Caucasus region. Natural Sciences*, (3), 81-85.
11. Melon V.A. (2015). Violations of dynamic equilibrium in the blood coagulation system in abnormal uterine bleeding of the puberty period. *Actual problems of medicine*, 32 (22 (219)), 73-80.
12. Regulation of Vascular Endothelial Growth Factor (VEGF) Splicing from Pro-angiogenic to Anti-angiogenic Isoforms / D. Nowak [et al.] // *J. of Biological Chemistry*. 2019. Vol. 285, No. 8. P. 5532-5540.
13. Cyclic angiogenesis of the eutopic endometrium / Burlev V.A. [et al.] // *Problems of reproduction*. 2016. No. 6. pp. 22-30.
14. Burlev V.A. Autoparacrine disorders of angiogenesis regulation in proliferative forms of diseases of the female reproductive system // *Obstetrics and gynecology*. 2016. No. 3. pp. 34-40.
15. Manukhin I.B., Gevorkyan M.A., Chagai N.B. Anovulation and insulin resistance. *M.*, 2016. 416 p. 9. Smirnov A.N. Elements of endocrine regulation. *M.*, 2018. 352 p.
16. Andreeva, V. O., Mashtalova, A. A., & Linde, V. A. (2019). The role of growth factors in the pathogenesis of uterine bleeding during puberty. *News of higher educational institutions. The North Caucasus region. Natural Sciences*, (3), 81-85.
17. Andreeva, V. O., &Mashtalova, A. A. (2017). The role of apoptosis factors in the pathogenesis of oligomenorrhea and uterine bleeding during puberty. *Bulletin of St. Petersburg University. Medicine*, (4), 69-80.
18. Orlova, V. S., &Kalashnikova, I. V. (2017). Bioelectric activity of the brain on the background of uterine bleeding in adolescence. *Actual problems of medicine*, 16 (22 (117)), 44-49.
19. Kudinova Evgeniya Gennadievna, Uvarova Elena Vitalievna, &MaximovaPolinaEvgenievna (2017). Manifestations of vascular syndrome in adolescent girls with menstrual disorders. *Reproductive health of children and adolescents*, (4-5 (75-76)), 32-39. doi: 10.24411/1816-2134-2017-00030