



**O'ZBEKISTON RESPUBLIKASI SOG'LIQNI SAQLASH VAZIRLIGIFARG'ONA JAMOAAT
SALOMATLIGI TIBBIYOT INSTITUTI O'ZBEKISTON AKUSHER-GINEKOLOGLAR
UYUSHMASI**

**МИНИСТЕРСТВО ЗДРАВООХРАНЕНИЯ РЕСПУБЛИКИ УЗБЕКИСТАН
ФЕРГАНСКИЙ МЕДИЦИНСКИЙ ИНСТИТУТ
ОБЩЕСТВЕННОГО ЗДОРОВЬЯ АССОЦИАЦИЯ АКУШЕРОВ-
ГИНЕКОЛОГОВ**

**II XALQARO ILMIY-AMALIY KONFRENSIYASI "AYOLLAR
REPRODUKTIV SALOMATLIGI: MUAMMOLARI, YECHIMLARI VA
PROFILAKTikasi"**

ILMIY ISHLAR TO'PLAMI

**II МЕЖДУНАРОДНАЯ НАУЧНО-ПРАКТИЧЕСКАЯ
КОНФЕРЕНЦИЯ
«РЕПРОДУКТИВНОЕ ЗДОРОВЬЕ ЖЕНЩИН: ПРОБЛЕМЫ, ПУТИ
РЕШЕНИЯ И ПРОФИЛАКТИКА»**

СБОРНИК ТЕЗИСОВ

*«РЕПРОДУКТИВНОЕ ЗДОРОВЬЕ ЖЕНЩИН:
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ФЕРГАНСКОГО МЕДИЦИНСКОГО ИНСТИТУТА

ОБЩЕСТВЕННОГО ЗДОРОВЬЯ

Главный редактор	Сидиков А.А.	Профессор, д.м.н., ректор ФМИОЗ
Зам.главного редактора	Кадирова М.Р.	Проректор по научной работе и инновациям, Dsc, доцент
Редколлегия	Ахмадалиев Р.У	Начальник отдела науки, инновации и научно-педагогической подготовки, к.м.н.
	Суяркулова М.Э.	Заведующая кафедрой «Акушерства и гинекологии», к.м.н.
	Тишабаева Н. А.	Ассистент кафедры «Акушерства и гинекологии»
	Шаланкова О.Е	Ассистент кафедры «Акушерства и гинекологии»

	БАЧАДОН-ҲОМИЛА-ЙЎЛДОШ ТИЗИМИДА ҚОН АЙЛАНИШИ БУЗИЛИШИНИГ УЧИНЧИ ДАРАЖАСИДА MOD-MPI ДИНАМИКАСИ	
24	<i>Ziyayeva D.F., Suyarkulova M.E.</i> ABORTNING KEYINGI HOMILADORLIK VA TUG'RUQQA SALBIY TA'SIRINI ANIQLASH	77
25	<i>Ibrakhimova N.O., Bekbaulieva G.N.,</i> SOMATIC BACKGROUND IN ADOLESCENT GIRLS WITH DELAYED SEXUAL DEVELOPMENT	80
26	<i>Рустамова С., Иброхимова З.</i> ОВАРИАЛЬНАЯ АМЕНОРЕЯ.	81
27	<i>Isakova D.B. Farmankulova Y.R.</i> METHODS OF EARLY DIAGNOSIS OF CERVICAL DISEASES AND EVALUATION OF RESULTS.	84
28	<i>Исмаилова С.С.</i> ПРЕЖДЕВРЕМЕННЫЙ РАЗРЫВ ПЛОДНЫХ ОБОЛОЧЕК И СПОСОБЫ ПРОЛОНГИРОВАНИЯ БЕРЕМЕННОСТИ	89
29	<i>Исламбекова М.Х., Куллыев А.П.</i> СНИЖЕНИЕ АКУШЕРСКОГО И ПЕРИНАТАЛЬНОГО РИСКА ПРИ ЭКО: СТРАТЕГИЯ ПЕРЕНОСА ОДНОГО ЭМБРИОНА НА СТАДИИ БЛАСТОЦИСТЫ ДЛЯ ИЗБЕЖАНИЯ МНОГОПЛОДНОЙ БЕРЕМЕННОСТИ.	95
30	<i>Исроилова Г.М.</i> РАЗРАБОТКА ПРИНЦИПОВ ИЗУЧЕНИЯ И ЛЕЧЕНИЯ ДИСБИОЗА ВЛАГИНЫ ВО ВРЕМЯ БЕРЕМЕННОСТИ.	97
31	<i>Матажанова Sh.Q.</i> ALGODISMENOREYANI DAVOLASHDA MAGNIY PREPARATLARINING SAMARALIGINI O'RGANISH.	98
32	<i>U. Makhamatov, M. Ashurova, O. Jalolova, A. Mirkhomidov</i> PROBLEMS FACED IN GYNECOLOGY AND THEIR SOLUTIONS	102
33	<i>Маматқулова М.Т.</i> СОҒЛОМ ТУРМУШ ТАРЗИ ТАРҒИБОТИДА ТАЪЛИМ МУАССАСАСИНИНГ РОЛИ.	105
34	<i>U. Maxamatov, N. Usupova</i> REPRODUKTIV SALOMATLIKNI SAQLASHDA SOG'LOM TURMUSH TARZINI RO'LI VA O'RNI	108
35	<i>Nadjmitdinova D.A</i> REPRODUCTIVE POTENTIAL OF WOMEN SUFFERING FROM EXTERNAL GENITAL ENDOMETRIOSIS.	110

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**SOMATIC BACKGROUND IN ADOLESCENT GIRLS WITH DELAYED
SEXUAL DEVELOPMENT**

*Ibrakhimova Nodira Otabekovna, Bekbaulieva Gulistan Niyetbayevna
Tashkent Medical Academy, Tashkent, Uzbekistan*

Relevance: Chronic systemic diseases may be accompanied by delayed growth and puberty. These include diseases of the digestive system with malabsorption syndrome (celiac disease, chronic pancreatitis, hepatitis), chronic kidney disease, heart defects, chronic bronchopulmonary diseases, endocrinopathies (hypothyroidism, diabetes mellitus, hypercortisolism, including iatrogenic, etc.). Delayed sexual development is observed when there is a lack of body weight as a result of an unbalanced diet, insufficient energy value of consumed food (anorexia nervosa, dieting, fasting); nutritional obesity. Non-physiological excess energy expenditure (gymnastics, ballet, etc.) may be accompanied by delayed puberty.

Purpose of the study: to compare the severity of sexual development and its delay in teenage girls who have different somatic backgrounds.

Materials and methods of research: To determine the prevalence of somatic diseases with mental retardation among adolescent girls, we examined 85 schoolchildren and specialized colleges aged 13-18 years in the Tashkent region.

Results of the study: In connection with the above, one of the important tasks of the work was to substantiate the possibility of early diagnosis and prediction of mental retardation in girls based on the identification of significant risk factors. A prospective assessment of the studied factors was carried out by analyzing laboratory-functional and questionnaire data. An analysis of observations of 85³/₅³/₅ children aged 13 to 18 years was carried out. The main group consisted of 85 girls diagnosed with delayed sexual development. The comparison group included 10 teenage girls with normal sexual development. A total of 29 factors were analyzed. The same parameters were used to predict delayed sexual development. An analysis of the studies showed that the development of delayed sexual development in teenage girls was significantly influenced by the state of the reproductive system of mothers or close relatives: first of all, later menarche (F=39.3; P<0.001), as well as various menstrual dysfunctions (F=9.3; P<0.01).

Perinatal risk factors include: asphyxia (F= 30.6; P<0.001), premature birth (F= 9.6; P<0.01), gestosis (F= 5.1; P<0.05). Significant factors were identified as frequent infectious diseases in a child (F= 10.3; P<0.01), as well as chronic somatic diseases: degree I-II anemia (F= 21.5; P<0.01), gastrointestinal diseases (F= 33.9; P<0.001), kidney disease (F= 9.1; P<0.05), diffuse goiter grade I-II (F= 6.9; P<0.05), combination 2- x or more diseases (F= 17.2; P<0.01).

Thus, a comparative assessment of the characteristics of sexual development in girls with mental retardation revealed varying degrees of deficiency in sexual development, which manifests itself depending on the degree and form of the disease. These questionnaires and laboratory-functional studies are an early diagnostic method that allows us to identify signs of sexual infantilism in erased forms of pathology.