

С.Ж.Асфендияров атындағы Қазақ Ұлттық Медицина Университеті  
Кафедра: Қоғамдық денсаулық сақтау

# Проект

Тақырыбы: Жыныстық жолмен берілетін инфекциялардың алдын алуда контрацептивтердің тиімділігі

Орындаған: Кемпірбай А.Ш

Курс: 3

Топ: 02-002

Факультеті: ЖМ

Тексерген: Жұманғазиева О.Ж


# Мәселе

18 жасар қыз бала ВИЧ індетін жұқтырған ұл баламен жыныстық қарым-қатынаста болған. Қыз оған дейін гормональді контрацептивті қабылдап жүрген.

Жыныстық жолмен берілетін инфекцияның алдын алуға гормональді контрацептивтер көмектесе алады ма?

# PICO:


- **Patient:** ВИЧ індеті бар ұл баламен жыныстық қарым-қатынаста болған 18 жасар қыз
- **Intervention:** contraceptive
- **Comparison:** контрацептивті қолданып және қолданбай жүрген зерттеуді салыстыру
- **Outcome:** зерттеу нәтижесінде қыздың ВИЧ індетін жұқтырмағаны анықталды



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**The pregnancy decisions of HIV-positive women: the state of knowledge and way forward.**

MacCarthy S<sup>1</sup>, Rasanathan JJ, Ferguson L, Gruskin S.

Author information

Abstract

Despite the growing number of women living with and affected by HIV, there is still insufficient attention to their pregnancy-related needs, rights, decisions and desires in research, policy and programs. We carried out a review of the literature to ascertain the current state of knowledge and highlight areas requiring further attention. We found that contraceptive options for pregnancy prevention by HIV-positive women are insufficient: condoms are not always available or acceptable, and other options are limited by affordability, availability or efficacy. Further, coerced sterilization of women living with HIV is widely reported. Information gaps persist in relation to effectiveness, safety and best practices regarding assisted reproductive technologies. Attention to neonatal outcomes generally outweighs attention to the health of women before, during and after pregnancy. Access to safe abortion and post-abortion care services, which are critical to women's ability to fulfill their sexual and reproductive rights, are often curtailed. There is inadequate attention to HIV-positive sex workers, injecting drug users and adolescents. The many challenges that women living with HIV encounter in their interactions with sexual and reproductive health services shape their pregnancy decisions. It is critical that HIV-positive women be more involved in the design and implementation of research, policies and programs related to their pregnancy-related needs and rights.

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# Резюме

АҚТҚ зардап шеккен әйелдер санының өсуіне қарамастан, олардың жүктілікке байланысты қажеттіліктері, құқықтары, шешімдері мен қалауы ғылыми-зерттеу, саясат және бағдарламалар тарапынан жеткіліксіз назар аударылған. Презервативтер әрқашан қол жетімді немесе қолайлы болып табылмайды, олар белгілі бір деңгейде шектелген: ВИЧ – позитивті әйелдердің жүктілік алдын алу бойынша контрацепция нұсқалары жеткіліксіз деп тапты. Әрі қарай, АИТВ-мен өмір сүретін әйелдерді мәжбүрлі түрде зарарсыздандыру кеңінен хабарланды. Бұрын жүктілік кезінде және кейін әйелдер денсаулығына көңіл асып неонаталдық қортындыларына назар аударылған. ВИЧ есірткіні бір инемен қолданғандар және жыныстық қатынас арқылы жұғады. ВИЧ соқтығысқан әйелдер жүктілік шешімдерін қалыптастыруда көптеген проблемаларға тап болады. ВИЧ шалдыққан әйелдерді зерттеу, олардың қажеттіліктерімен құқықтарына байланысты бағдарламаларды жүзеге асыру өте маңызды.



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### Preventing unintended pregnancy and HIV transmission: effects of the HIV treatment cascade on contraceptive use and choice in rural KwaZulu-Natal.

Rafman J<sup>1</sup>, Chetty T, Tanser F, Mutevedzi T, Matthews P, Herbst K, Pillay D, Barnighausen T.

**Author information**

**Abstract**  
**BACKGROUND:** For women living with HIV, contraception using condoms is recommended because it prevents not only unintended pregnancy but also acquisition of other sexually transmitted infections and onward transmission of HIV. Dual-method dual-protection contraception (condoms with other contraceptive methods) is preferable over single-method dual-protection contraception (condoms alone) because of its higher contraceptive effectiveness. We estimate the effect of progression through the HIV treatment cascade on contraceptive use and choice among HIV-infected women in rural South Africa.  
**METHODS:** We linked population-based surveillance data on contraception collected by the Wellcome Trust Africa Centre for Health and Population Studies to data from the local antiretroviral treatment (ART) program in Hlabisa subdistrict, KwaZulu-Natal. In bivariate probit regression, we estimated the effects of progressing through the cascade on contraceptive choice among HIV-infected sexually active women aged 15-49 years (N = 3169), controlling for a wide range of potential confounders.  
**FINDINGS:** Contraception use increased across the cascade from <40% among HIV-infected women who did not know their status to >70% among women who have been on ART for 4-7 years. Holding other factors equal (1) awareness of HIV status, (2) ART initiation, and (3) being on ART for 4-7 years increased the likelihood of single-method/dual-method dual protection by the following percentage points (pp), compared with women who were unaware of their HIV status: (1) 4.6 pp (P = 0.030)/3.5 pp (P = 0.001), (2) 10.3 pp (P = 0.003)/5.2 pp (P = 0.007), and (3) 21.6 pp (P < 0.001)/11.2 pp (P < 0.001).  
**CONCLUSIONS:** Progression through the HIV treatment cascade significantly increased the likelihood of contraception in general and contraception with condoms in particular. ART programs are likely to contribute to HIV prevention through the behavioral pathway of changing contraception use and choice.

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▣ **АНЫҚТАМА:**

- ▣ Ол қаламаған жүктілікті сонымен қатар басқада жыныстық жолмен берілетін инфекциялардың және АИТВ-ның алдын алуға ғана емес, ВИЧ-пен өмір сүретін әйелдер үшін контрацепция презвативтері пайдалануға ұсынылады. Оңтүстік Африкада ВИЧ індетін жұқтырған әйелдердің контрацептивтерді пайдаланып, ВИЧ-ті емдеу үшін прогрессияның әсерін бағалауда.

▣ **Әдістері:**

- ▣ Nlabisa ауданында, KwaZulu-Natal жергілікті антиретровирустық емдеу жүргізіледі. 15-49 жас аралығындағы ВИЧ індетін жұқтырған жыныстық белсенді әйелдер арасында контрацепция таңдау бойынша каскаданың үдемелі әсерін бағалады.

▣ **Қорытындылар:**

- ▣ ВИЧ презервативтермен атап айтқанда контрцептивтермен емдеу ықтималдығы өсті. Контрацепцияны пайдалану және таңдау мінез-құлықты өзгерту жолдары арқылы ВИЧ алдын алуға ықпал етеді.

# Қорытынды:

Бүгінгі таңда жыныстық жолмен берілетін аурулар саны көбейген. Әрине, медицина бір орында тұрмайды және дәрігер жұқпалы аурудың өсуін тоқтатуға бар күшін жұмылдыруда. Бірақ, өкінішке орай, кейде осы аурулардың диагностикасы күрделі және әрқашан дәл емес, ұзақ және қымбат болып табылады. Сондықтан, одан барынша жұқтыру қаупін азайту керек. Зерттеу барысында ең тиімді тосқауылдың контрацептивтер екендігі анықталды. Контрацептивтер жүктілікке қарсы қорғау ретінде ғана емес, барлық дерлік жыныстық жолмен берілетін жұқпалы аурулардың алдын алуға қарсы қызмет етеді