



Scientists and Health Care Workers
Committed to HIV/AIDS

4th International AIDS Society Conference on **HIV** Pathogenesis and Treatment

Sydney, Australia - July 22 - 25, 2007

PRE-EXPOSURE PROPHYLAXIS AND TIMED INTERCOURSE FOR HIV-DISCORDANT COUPLES WILLING TO CONCEIVE A CHILD

IAS Conf HIV Pathog Treat 2007 Jul 22-25;4th: Abstract No. MOPDC01

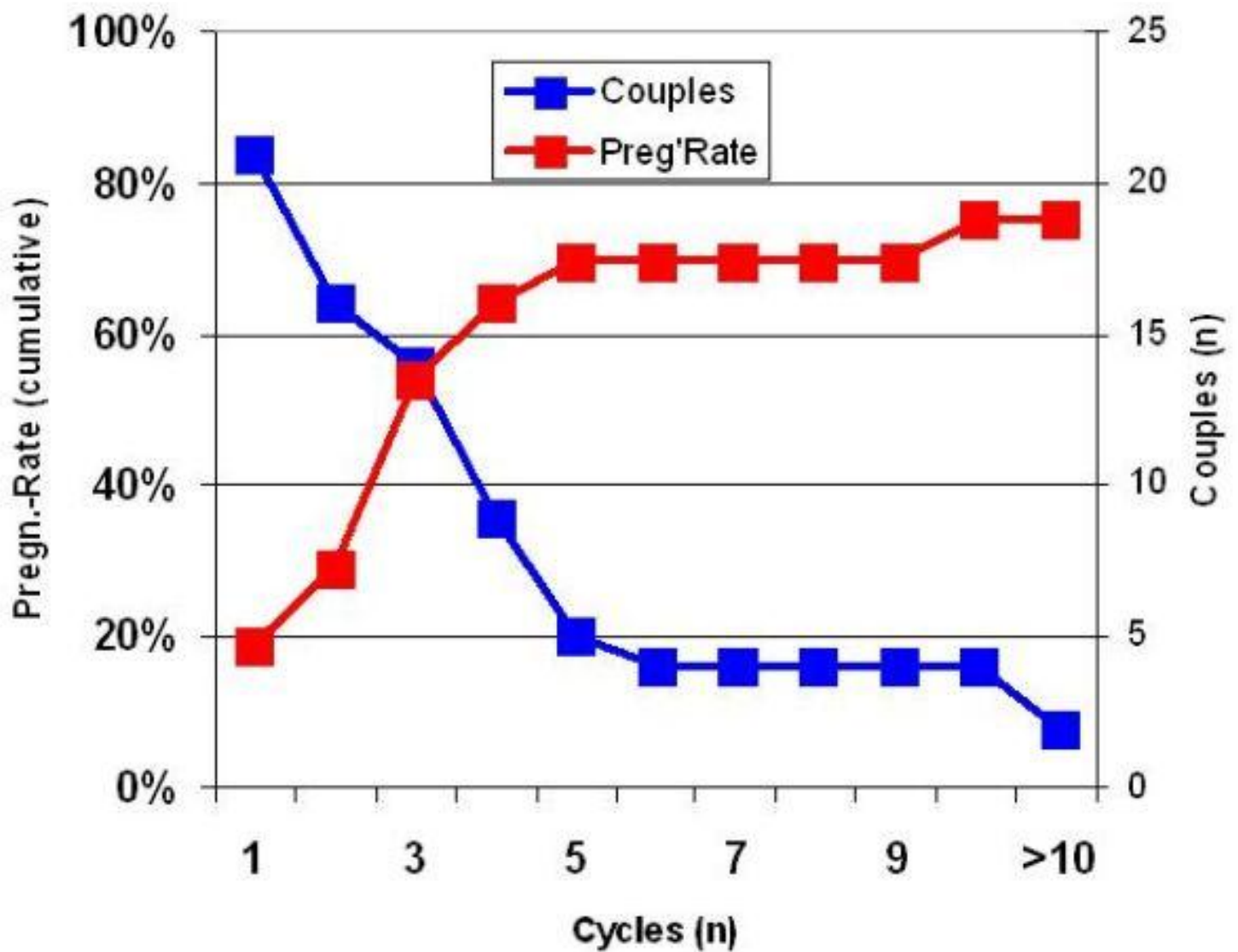
Vernazza P.¹, Brenner I.¹, Graf I.²

¹Cantonal Hospital St. Gallen, Department of Medicine, St. Gallen, Switzerland, ²Cantonal Hospital St. Gallen, Department of Social Work, St. Gallen, Switzerland

OBJECTIVES: To reduce risk-taking behavior in HIV-discordant couples (male HIV-pos.) willing to conceive a child.

METHODS: HIV-discordant couples expressing the desire to conceive a child received a standardized risk reduction counseling including LH-peak measurement and pre-exposure prophylaxis with tenofovir 36 and 12 h before intercourse. Couples were either included after having previously been counseled for artificial insemination with processed semen and quit the program for any reason or after referral through their HIV-physician.

RESULTS: Twenty-two couples were admitted for risk reduction counseling. All male partners have been under a fully suppressive antiretroviral treatment. Six couples admitted that they had previously tried to conceive by unprotected intercourse. Twenty-one couples decided to use the proposed risk reduction strategy with timed intercourse and TDF-pre-exposure-prophylaxis. Pregnancy rates were high with more than 50% pregnancies achieved after 3 cycles (11/21). In 15/21 female partners got pregnant after up to 10 attempts. All women tested negative for HIV-antibodies 3 months after the last exposure.



[Pregnancy rates with natural conception]

CONCLUSIONS: The true number of HIV-discordant couples who practice unprotected sex to conceive is most likely underestimated. The risk of transmission in a couple with a fully treated male partner is low and can further be reduced by timed intercourse and a short pre-exposure prophylaxis with tenofovir. The pregnancy rates of natural conception are substantially higher than with artificial reproduction techniques (40% in our program).

 [Download Power Point Presentation.](#)

2007-07-22
MOPDC01
The Treatment-Prevention Nexus

the article.

AEGiS is made possible through unrestricted funding from [Boehringer Ingelheim](#), [Bridgestone/Firestone Charitable Trust](#), [Bristol-Myers Squibb Company](#), [Elton John AIDS Foundation](#), the [National Library of Medicine](#), and [donations](#) from users like you. **Always watch for outdated information. This article first appeared in 2007. This material is designed to support, not replace, the relationship that exists between you and your doctor.**

AEGiS presents published material, reprinted with permission and neither endorses nor opposes any material. All information contained on this website, including information relating to health conditions, products, and treatments, is for informational purposes only. It is often presented in summary or aggregate form. It is not meant to be a substitute for the advice provided by your own physician or other medical professionals. **Always discuss treatment options with a doctor who specializes in treating HIV.**

Copyright ©1980, 2007. AEGiS. All materials appearing on AEGiS are protected by copyright as a collective work or compilation under U.S. copyright and other laws and are the property of AEGiS, or the party credited as the provider of the content. Permission is hereby granted for the non-commercial use or reproduction of the information herein, provided that the use of such information is accompanied by an acknowledgement that IAS is the source of the information and the name of the author of the article.