



POSTER PRESENTATION

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HIV/AIDS infection in Ukraine: a review of epidemiological data

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Background

To better understand the HIV dynamic in Ukraine in order to adapt HIV control efforts accordingly. The number of newly diagnosed HIV infections in Ukraine ranks second in the WHO European Region after the Russian Federation according to the end-year report 2006 of the European Centre for the Epidemiological Monitoring of AIDS (EuroHIV). According to the Ukrainian Ministry of Health the cumulative number of reported HIV infections by the end of 2008 amounts to more than 140.000 cases. However, because of many unreported cases the actual figures are supposed the official reports considerably.

Methods

Reported HIV/AIDS cases from the official epidemiological register of the Ukrainian Centre for AIDS Prevention between 1987 and 2008 were analysed. Joint United Nations Programme on HIV/AIDS country fact sheets were reviewed and analysed and this information was supplemented with published HIV prevalence and sexually transmitted disease case reporting information.

Results

Between 1987 and 2000, 36,600 Ukrainian citizens were registered with HIV. The number of officially registered HIV-infections increased from 7,000 in 2001 to 18,963 in 2008. 7,009 new infections were due to IDU, 7,880 to heterosexual contact and 3,635 to vertical transmissions from HIV infected mothers to their children, Table 1.

Discussion

The Ukraine is one of the European countries with the most rapidly increasing number of newly diagnosed HIV cases, mainly transmitted through IDU, but also increasingly through heterosexual contact in the general population and mother-to-child-transmission. In order to protect people from HIV infection, it is important to find ways to empower them by implementing policies and specific prevention measures that increase their access to knowledge about the HIV/AIDS epidemic. Free HIV tests, programs for the prevention the mother's child transference, information and access to condoms, clean hypodermic needles, drugs sentence programs and a medical treatment of

Table 1 Newly diagnosed HIV infections, AIDS cases and AIDS deaths in Ukraine, 1987-2008

	1987-2000*	2001	2002	2003	2004	2005	2006	2007	2008
New HIV infections									
New HIV infections in total	36600	7000	8756	10009	12491	13770	16078	17669	18963
AIDS									
AIDS cases	2040	867	1353	1915	2743	4217	4723	4573	4380
Deaths among AIDS cases	1000	473	834	1285	1775	2188	2416	2507	2710

*Cumulative HIV new infections since 1987

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gender illness would be important measures for the prevention and health care [1].

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Reference

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