HIV infections in deceased organ donors in Poland in years 1998–2008

SUMMARY
First incidences of HIV or AIDS disease in Poland were reported in 1985. Up to the end of 2008 0.03% of polish population had been infected of HIV virus.
The aim of this document was determination of HIV occurrence in Polish organ donor population in 1998–2008, determination of percentage of withdrawal in case of HIV infection, determination of HIV positive organ donor profile and comparison of frequency of HIV infection in deceased organ donors and general population in Poland.
In 1998–2008 5954 possible deceased organ donors had been reported to Polish Transplant Coordinating Center Poltransplant, organ recovery took place in 4875 (82%) cases In 1079 cases (18 %) organs were not recovered because of medical reasons (46%) and family or prosecutor objections (54%).
HIV antibodies had been tested in 90% possible organ donors. Positive HIV antibodies were reported in 0.3% cases.
The occurrence of HIV infection in deceased organ donors in Poland in the years 1998–2008 was 10 times higher than in general Polish population. In general population HIV infections occur mainly in young people, in possible organ donor population infections occurred mostly between older one.
HIV infection in donor is rare but significant reason of withdrawal.
Key words: HIV infections; AIDS disease; deceased donors