

The second allogeneic cord blood transplantation in Poland from commercial Cord Blood Bank was performed in Collegium Medicum Nicolaus Copernicus University in Bydgoszcz. The above cord blood unit was collected, prepared and stored at PBKM.

The recipient was 5-year old girl with acute lymphoblastic leukaemia. The diagnosis was established in 2005 but in 2007 early relapse has been observed.

Between 16 and 21 January 2008 she received preparative regimen consisted of Busilvex and Cyclofosamid.

Allogeneic cord blood (one unit from matched family donor – matched younger sister) was transplanted 23 January 2008.

The hematological recovery was at day +19 after transplantation (GRAN>500) and at day +30 (PLT>20 000).

There was no complication during the early post-transplant and late post-transplant period, until today.

The girl, at the time of writing, almost 8 months after transplantation is alive and remains in complete continuous remission.