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Investigators at Hokkaido University have published new data on cord blood Cord Blood

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2007 AUG 21 - (NewsRx.com) -- Fresh data on cord blood are presented in the report "Successful reduced-intensity stem cell transplantation with cord blood for a poor-prognosis adult with refractory chronic active Epstein-Barr virus infection. A 56-year-old woman with a poor-prognosis chronic active Epstein-Barr virus (CAEBV) infection underwent reduced-intensity stem cell transplantation (RIST) using cryopreserved cord blood (CB). Administration of EBV-seronegative CB cells following a reduced-intensity conditioning regimen was effective and well tolerated," scientists in Sapporo, Japan report.

"Complete remission with no symptoms, low titers of EBV-related antibodies, and an undetectable level of EBV DNA in peripheral blood mononuclear cells continued for 16 months after RIST. This report is the first of successful RIST with CB for an adult with CAEBV infection," wrote M. Nakagawa and colleagues, Hokkaido University.

The researchers concluded: "The results also show that a graft-versus-CAEBV effect can be achieved in an allogeneic hematopoietic stem cell transplantation setting."

Nakagawa and colleagues published their study in *International Journal of Hematology* (Successful reduced-intensity stem cell transplantation with cord blood for a poor-prognosis adult with refractory chronic active Epstein-Barr virus infection. *International Journal of Hematology*, 2007;85(5):443-5).

For more information, contact M. Nakagawa, Hokkaido University Graduate School of Medicine, Dept. of Gastroenterology and Hematology, Sapporo, Japan.

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