

進行期造血器悪性腫瘍に対する臍帯血移植

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我々は4例の進行期造血器悪性腫瘍症例に対して臍帯血移植を施行した。1例は生着不全, 1例は生着後急性GVHD (graft versus host disease) にて死亡した。2例は2003年12月現在, 移植後それぞれ, 17ヶ月, 14ヶ月を経過し無病生存中である。移植成功のためにはCD34陽性細胞数の十分な確保と移植前処置にTBI (total body irradiation) を用いることが重要であり, 急性GVHD対策としては十分な免疫抑制剤の投与が必要と考えられた。

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Cord Blood Transplantation for Patients with Advanced Hematological Malignancy

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We report the results of cord blood transplantation in four adult patients with advanced hematological malignancy. The first patient did not achieve engraftment, and the second patient died of acute GVHD after engraftment, but the remaining two patients are alive in complete remission more than 17 and 14 months after transplantation, respectively. This study suggests that engraftment is related to the number of CD34-positive cells infused and the intensity of total body irradiation as a conditioning regimen, and that it is important for patients to receive intense immunosuppressive therapy during a period of acute GVHD. (Accepted on January 16, 2004)

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Key Words ① Cord blood transplantation ② Rejection
③ Conditioning regimen ④ Total body irradiation
⑤ Infused CD34 positive cell number

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