

CASES WITH FAMILIAL BALANCED TRANSLOCATION- REPRODUCTIVE OUTCOME

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Abstract: *We examined the reproductive outcome in three families with different balanced translocations. In the first case, translocation was detected in the first pregnancy during amniocentesis due to the pathological finding of biochemical markers. Translocation 46, XX, t (6; 8) (p11; p11) confirmed in the fetus karyotype was detected also in mother. In the second case, father was a balanced carrier of translocation 46, XY, t (8; 14) (q24; q22) and in second successful pregnancy baby was also carrier of the same translocation. In the third case, the mother was a carrier of t(8; 11) and the first pregnancy is terminated by a spontaneous abortion. Although carriers of balanced translocation have an increased risk for frequent spontaneous abortions natural pregnancy should also be considered.*

Keywords: *balanced translocation, karyotype, reproductive outcome*

