To the Editor:

We read with interest the report by Breton-Gorius et al on two cases of dysmegakaryopoietic thrombocytopenia, in a child and his mother, both affected by deletion of the long arm of chromosome 11 at 11q23.3. We observed two similar cases of chronic dysmegakaryopoietic thrombocytopenia in association with a de novo 11q deletion.

CASE 1

A 3-year-old boy was admitted to our division because of chronic thrombocytopenic purpura (platelet count 65,000 to 85,000/μL). Clinical, hematologic, cytogenetic, and molecular evaluation showed the typical Jacobsen syndrome phenotype with deletion at 11q24.2qter. This case was included in a collaborative study on distal 11q deletion. The patient presented normal platelet morphology and dysmegakaryopoietic notes, including several micromegakaryocytes in the bone marrow. A report of these hematologic findings is in press. Ultrastructural examination of the platelet was not performed in this case.

CASE 2

A 10-year-old boy was referred to our division for diagnostic evaluation of slow growth (1.2 cm/yr). Clinical examination showed minor dysmorphic notes, short stature (117.7 cm), and borderline mental development. Platelet count was 140,000/μL with normal morphology in the peripheral blood film. Bone marrow examination revealed dysmegakaryopoietic notes, including numerous micromegakaryocytes. Ultrastructural examination of the platelet were normal. Cytogenetic evaluation showed a 11q24.2qter deletion.

Our cases confirm the association between distal 11q deletion and chronic dysmegakaryopoietic thrombocytopenia. However, unlike the report by Breton-Gorius et al, we did not find platelet ultrastructural anomalies in case 2. This may indicate some variation in this group of patients.
Simone Gangarossa  
Gino Schilirò  
Divisione di Ematologia-Oncologia Pediatrica  
Università di Catania  
Teresa Mattina  
Stefania Scardilli  
Florindo Mollica  
Scuola di specializzazione in Genetica Medica  
Università di Catania  
Catania, Italy  
Vittorio Cavallari  
Dipartimento di Patologia Umana  
Sezione di Diagnostica Ultrastrutturale  
Università di Messina  
Messina, Italy

REFERENCES


Dysmegakaryopoietic thrombocytopenia in patients with distal chromosome 11q deletion [letter; comment]

S Gangarossa, G Schiliro, T Mattina, S Scardilli, F Mollica and V Cavallari