Frequent vomiting occurring in a normal hematopoietic stem cell donor receiving filgrastim

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ABSTRACT A 34-year-old woman, who was a normal hematopoietic stem cell donor, received SC filgrastim 300 μg twice daily for mobilization of bone marrow stem cell. The next day, the donor experienced headache, lumbago, nausea, and vomiting. On day 3, her symptoms became aggravated, her vomiting was frequent (4 to 5 times daily) and led to eating difficulties. Routine blood tests revealed a WBC count of 66 × 10⁹/L, a PLT count of 221 × 10⁹/L, and a Hb level of 124 g/L. She gradually improved 4 days later.

KEY WORDS filgrastim; frequent vomiting; adverse reactions

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