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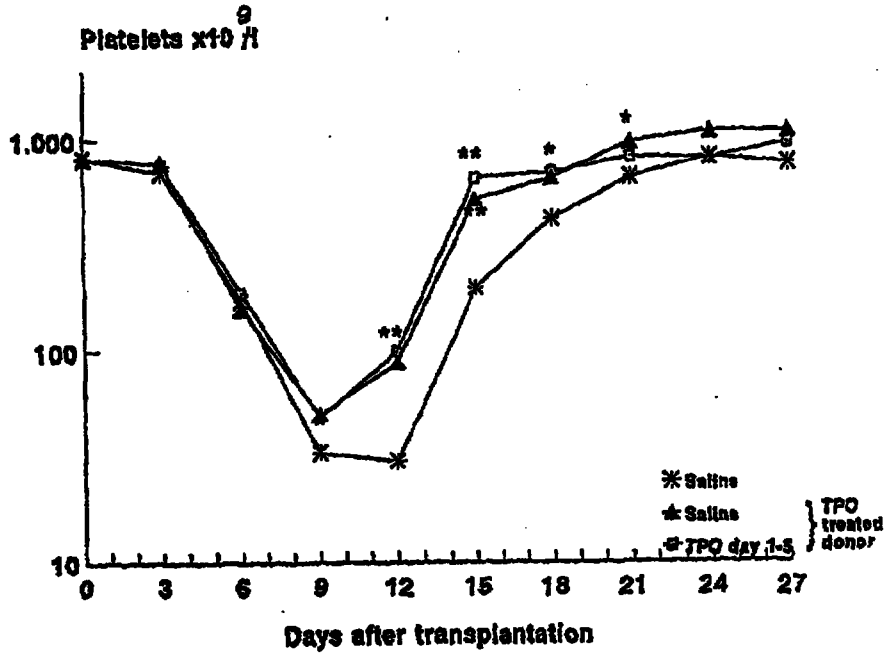
(54) Title: METHODS FOR INCREASING HEMATOPOIETIC CELLS



(57) Abstract

Methods for increasing hematopoietic cells, including platelets and erythrocytes, in patients receiving bone marrow or peripheral blood stem cell transplants are disclosed. The methods comprise administering to a donor an amount of thrombopoietin sufficient to stimulate proliferation of cells of the myeloid lineage, collecting cells from the donor, and administering the collected cells to a recipient patient. The recipient patient may be treated with additional thrombopoietin. The methods are useful within allogeneic and autologous transplantation procedures.