

عنوان مقاله:

Clinical applications of therapeutic apheresis & cell therapy in hematologic disorders

محل انتشار:

اولین کنگره بین المللی مهندسی بافت و پزشکی بازساختی ایران (سال: 1397)

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خلاصه مقاله:

Therapeutic Apheresis is a method for the rapid elimination of the Harmful pathological factors such as antigen-antibody complex in blood circulation, alloantibodies in graft rejection and blood transfusion, low-molecular-weight lipoproteins and excess blood components such as plasma proteins or cells (platelets, leukocytes, etc.). In some diseases, Therapeutic Apheresis can improve symptoms by reducing pathological substances in the body. Apheresis involves pulling out the anticoagulated blood through a vascular catheter, separation of the special blood components by either centrifugation or membrane filtration, removal of the harmful component, and reinfusion of the remaining components with alternative fluid into the patient body. combination of this technique with other medicines, sometimes can be effective in relieving clinical symptoms. Therapeutic Apheresis is used in hematological, neurological, renal and autoimmune diseases as well as other disorders. In this review paper we only discussed about the use of .therapeutic apheresis in hematologicDiseases and malignancies

کلمات کلیدی:

Therapeutic apheresis, Hematopoietic Disorders, Cell therapy, Clinical applications

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