

Download Blood Transfusion In Clinical Medicine

A blood transfusion is the transfer of blood or blood products from one person (donor) into another person's bloodstream (recipient). This is usually done as a lifesaving maneuver to replace blood cells or blood products lost through severe bleeding, during surgery when blood loss occurs or to increase the blood count in an anemic patient. Blood Transfusion in the First World War Steven R. Pierce, SBB(ASCP) Blood transfusion is often cited as a major medical advancement of the First World War, and possible only because of innovations made shortly before the United States entered the war. Transfusion medicine (or transfusiology) is the branch of medicine that is concerned with transfusion of blood and blood components. It encompasses issues of blood donation, immunohematology and other laboratory testing, transfusion practices, patient blood management, therapeutic apheresis, stem cell collections, cellular therapy, and coagulation. Clinical transfusion comprises all clinical aspects of blood transfusion and promotes safe practice and appropriate use of blood (components). This includes both the risks and benefits of transfusion as well as close monitoring of patients.