

Abstrakt

Blood is an irreplaceable kind of tissue in the human body, therefore I have decided to focus on the issue of its donation. Blood has a unique and extremely important function in medicine. Its transfusion is needed in case of polytrauma, surgeries and many of others chronic diseases.

I am going to focus on the blood donation as a process and then to sum up basic legislative demands which form the blood donation. In summary I am going to specify some methods of processing blood to transfusion preparations and I am also going to mention promotion of blood donation. In practical part of my thesis I am comparing annual statistics of blood donation in the Czech Republic and at the blood transfusion department of The University Hospital in Pilsen.

Key words: donation, transfusion preparation, donor, infectious markers, propagation of donation, Czech Red Cross, blood group