

Blood transfusion service in Bosnia & Herzegovina

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Total area: 19, 741 sq mi (51,129 sq km)
Population: (2012 est.): 4, 622, 292

- ▶ Bosnia and Herzegovina is located in the southeast of Europe, in the central part of the Balkan Peninsula.
- ▶ Bosnia and Herzegovina is divided into two top-level entities: **Republika Srpska** and the **Federation of Bosnia and Herzegovina**. The latter comprises 51 percent of the land, while the former occupies the remaining 49 percent. These entities were established in 1995 in Dayton and the entities have some governing power. Brcko District, located in the north, is an additional entity, officially belonging to both the Republika Srpska and the Federation of Bosnia and Herzegovina.





Blood donation is voluntary, anonymous and free in 100%

- ▶ Excerpt from the new Articles of Association of the Institute who is prepared to adopt and comply with the Law on Health Care and the Law on Blood and Blood Components
- ▶ Transfusion service in Bosnia and Herzegovina is decentralized type and divided into three parts: Federation of Bosnia and Herzegovina, the Republic of Srpska and Brcko District.
- ▶ Annually collected between 70.000 and 80.000 units of blood.
- ▶ The percentage of the population donating is approximately 1.8%.

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- ▶ Institute of Transfusion Medicine FBiH is the largest and best equipped transfusion institution
 - ▶ 4 transfusion centers (Tuzla, Mostar-East, Mostar –West, Zenica)
 - ▶ 8 hospital departments for transfusion (Bihac, Livno, Gracanica, Tesanj, Orasje, GH, Travnik, Konjic, Gorazde)
 - ▶ Law on Blood and Blood Components - 2010. regulates the organisation of transfusion service, conditions and standards of quality, security and surveillance in the collection, testing, processing, storage, distribution, issuance and use of human blood and blood components in the Federation

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- Collection, testing, processing, storage, distribution and use of blood and blood components in the Federation, shall be in accordance with EU directives, the WHO recommendations, the recommendations of the CoE, good laboratory, manufacturing and clinical practice, as well as other regulations in this field.
 - The Minister issued a proposal to the Expert Commission following acts:
 - Regulation on Quality Assurance and Safety blood and blood components
 - Regulations on specific technical requirements for blood and blood components
 - Regulation of the system of monitoring of blood and blood ingredients , serious adverse events and serious adverse reactions

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- Health Care Act of Brcko District of Bosnia and Herzegovina – 2008
 - Activity of transfusion medicine in the Republic of Srpska performe :
 - Institute for Transfusion Medicine of Republika Srpska as a reference and an independent medical institution that performs data collection, processing and distribution of blood and blood products located in Banja Luka, formed 01.01. 2009.
 - Centers and hospital transfusion services within the Institute, which are located in Doboј, Bijeljina, Trebinje, Gradiska, Zvornik, Foca, Kasindo and Nevesinje.

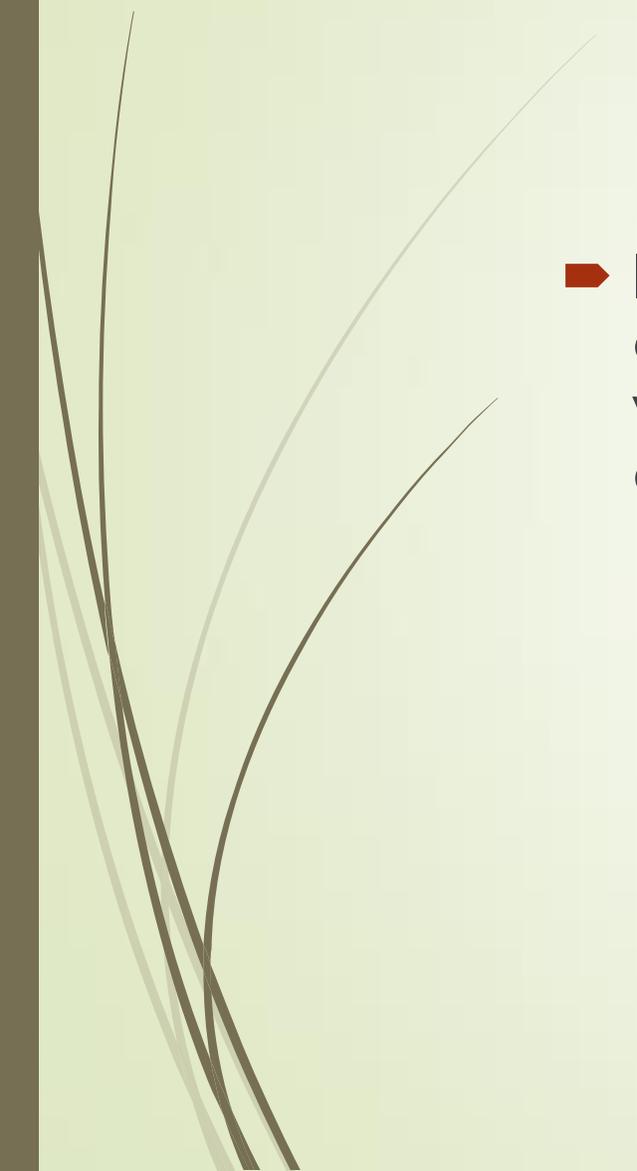
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- At the state level there is no nationally coordinated planning activities and work organisation.
 - Transfusion services have no division of labor, and almost all deal with all transfusion activities to varying degrees.
 - We are currently working on the reorganisation and renovation of old procedures and documentation. The new management has a development plan, which includes the standardisation and implementation of quality system in practice.

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- We have no defined reserves the required amount of blood in case of emergency. There is verbally defined "daily standard" for amount of blood for elective, and emergency situations also.

It is between 200-300 units, and 60 donations a day.

➤ THE FLOODS IN MAY 2014- REALL CATASTROPHE



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- In May of 2014. BiH afflicted catastrophic floods. As you can see on the slide, one third of the territory was under water. But, there was no rapid mobilisation of blood donors.

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- ▶ Here I want to remind you on the period **1992-1994**, when the Institut collected approximately **80.000** units. This was possible thanks to, among others, obtained reserves of blood bags just before the war. Sarajevo was completely blocked for almost **4 years** and the first two years we did not get any blood bags outside.
 - ▶ Our last director was invited as a speaker at NATO headquarters to present a strategy of war transfusion medicine in the besieged city, without water, electricity, food. The war transfusion strategy was created on the fly thanks to the high level of motivation and awareness of our people, and in the terms of mass polytrauma, and without basic civilisational assumptions.
 - ▶ We are especially proud of that fact.

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- In cases of major accidents we relied on our date base of blood donors, and donors on call and unsolicited arrivals after the announcement of an emergency call.
 - There is no agreement with other countries on the import of blood in the event of a major emergency. Act prohibits the importation of blood, unless the Minister decides differently. The only case of import of blood components was in 1995th by the German EUFOR.



We are also proud of the following, which ends our presentation:



Vienna Philharmonic in a renovated eternity!



The message : A century of peace after centuries of war!



100 years of the Sarajevo assassination



Greetings from Sarajevo!

