

IPFA/EBA Symposium on Plasma Collection and Supply

15 – 16 March 2022 | Amsterdam, the Netherlands

CURRENT STATE AND FUTURE DEVELOPMENT of Plasma Collection in SLOVENIA



Surface: 20.273 km² Population: 2.108.708 (okt. 2021)
Independent: 25th June 1991 (30th anniversary)
EU member: 1.may 2004, EURO 01. january 2007



1901: Institute of Pathology and Anatomy, Vienna.

Prof. Dr. Anton Weichselbaum.
Assist. Dr. Karel Landsteiner

Tabelle 1. betreffend das Blut sechs
anscheinend gesunder Männer
Sera/RBCs Blood group

Dr. Stork	- + + + + -	C
Dr. Plečnik	- - + + - -	B
Dr. Sturli	- + - - + -	A
Dr. Erdheim	- + - - + -	A
lab. Carič	- - + + - -	B
Dr. Landst.	- + + + + -	C

Janez Plečnik 1875-1940

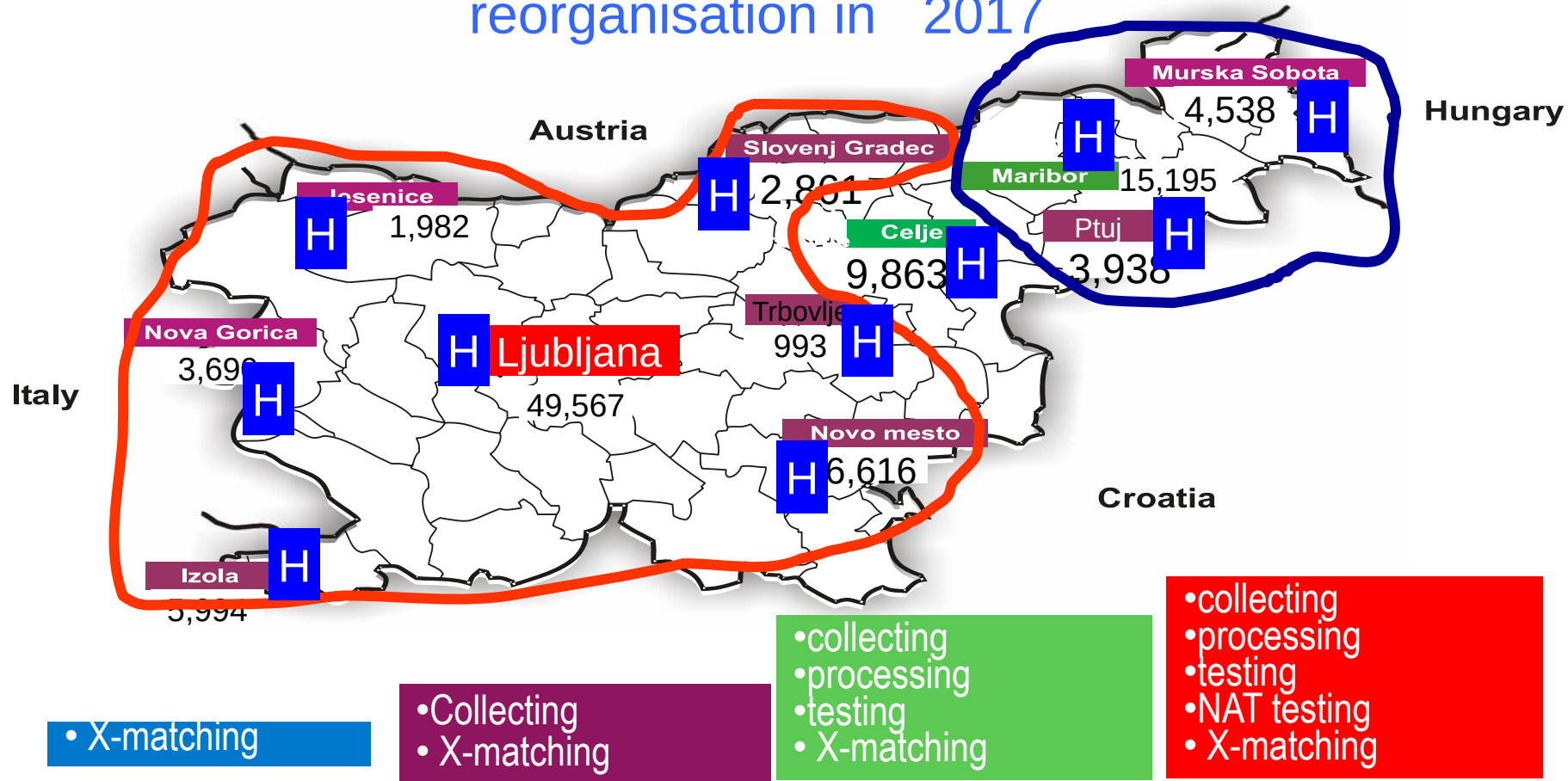


Karl Landsteiner
1930 Nobel prize



Blood transfusion (public) service

reorganisation in 2017



Blood donors
55.000 (2,6% population)
VNBD (since 1953 Slovenian Red cross)



66 % m

34% f

60% donated 1X

28% 2X

10% 3X

2% 4X (m)



90.000 REGISTERED DONATIONS/ YEAR

10% NEW DONORS

8% DEFERRALS



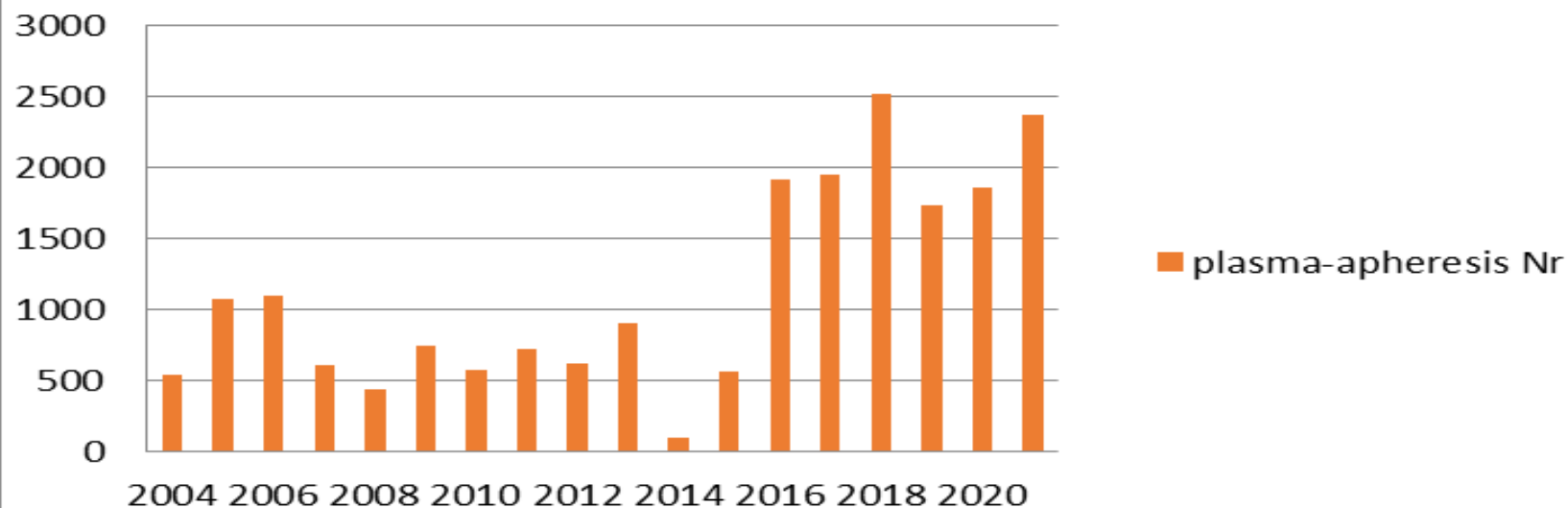
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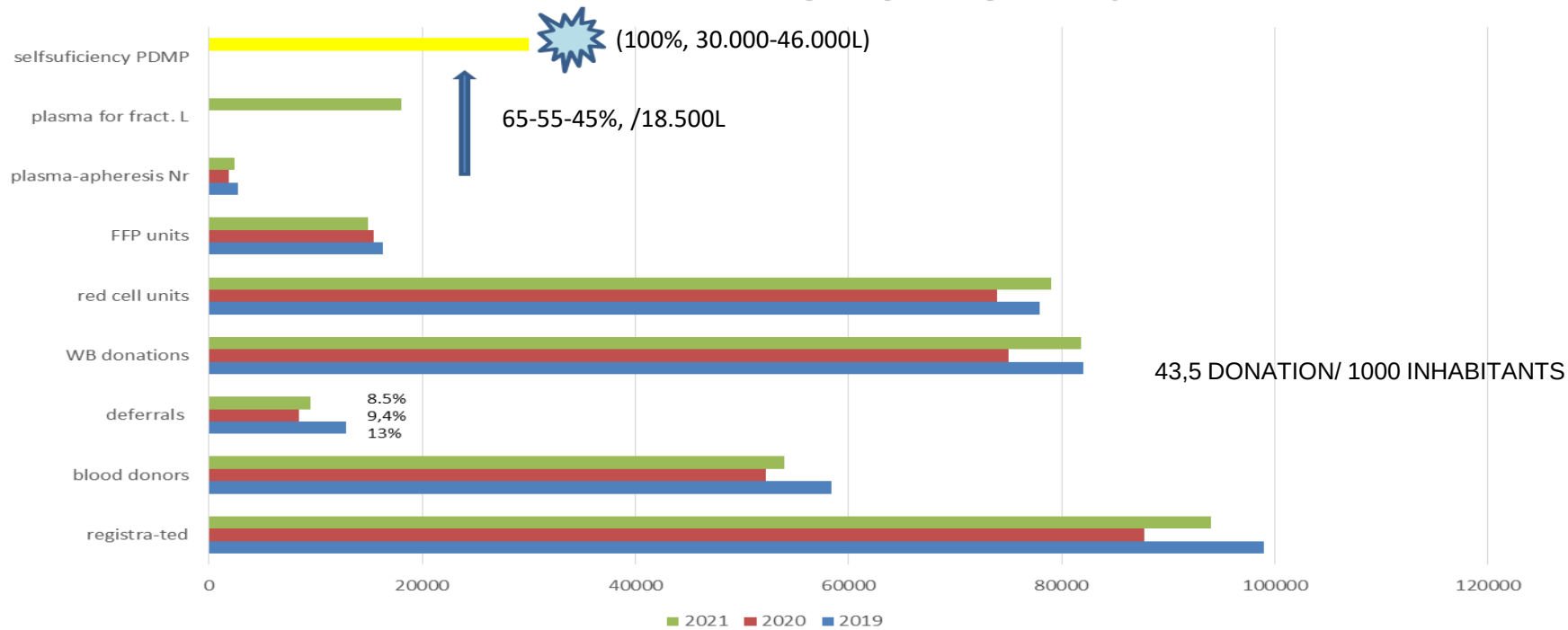
History of the plasma derived medicinal product supply

- Until 1990 albumin and Ig from SLO plasma- production in Zagreb (Croatia)
- Patient with hemophilia were treated with FFP, cryo and rarely with imported coagulation factors (HIV!)
- Due to the risk of transmission of viral infections with blood products, the requirements regarding the safety and quality of medicines from the blood became more strict
- Government launched Memorandum on the Safety of Hemophilia Treatment
- 1991 selection of a new contractor

Nr.plasma-apheresis procedures 2004-2021



Current status of Blood supply and PDMP in Slovenia



PLASMA COLLECTION

NOW

- Plasma for fractionation is mostly (95%) from WB recovered plasma
- Public tender fractionator
- IV IgG are driving force for PDMP production needs are raising
- Evidence based medical indications?
- COVID-19 late effects?

CHALLENGES

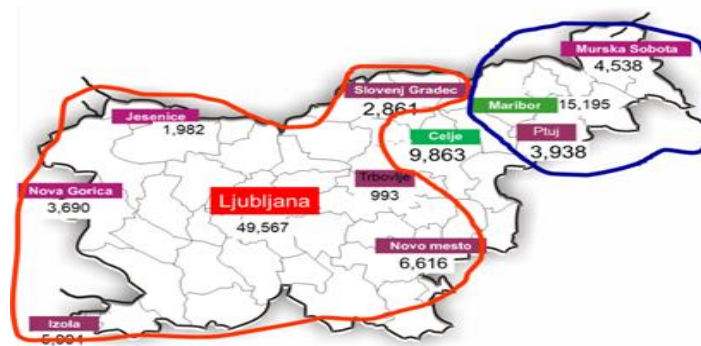
- FILL THE gap and NOT TO TREATEN RED cells SUPPLY)
- Towards 100%
(selfsufficiency and strategic independence)



PLASMA COLLECTION

building the capacity


NATIONAL PROGRAMME – COLLECTION IN ALL
BTEs with apheresis (automated) procedure



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CHALLENGES

- RECRUITMENT OF DONORS for plasma donation only
- Voluntary nonremunerated blood donation

- PROMOTION AND MOTIVATION CAMPAINE



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PLASMA COLLECTION

building the capacity

- Open hours (working days/ weekends, afternoon & evening collections) ☀
- Parking space for donors
- Effective collections (staff/ machine)
- Equipment utilisation
- 2 years programme
(step by step)
- Unique IT programme???

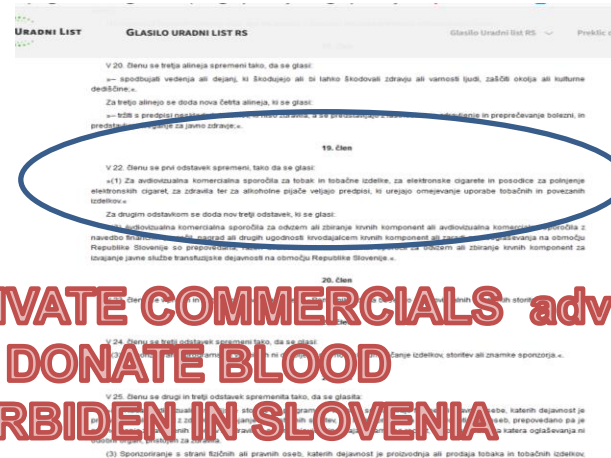


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BLOOD DONORS AVAILABILITY?

- Plasma centers at the Slovenia borders (daily work migrants)

Act Amending the Audiovisual Media Services Act new since december 2021



**PRIVATE COMMERCIALS advertisements
TO DONATE BLOOD
FORBIDDEN IN SLOVENIA**

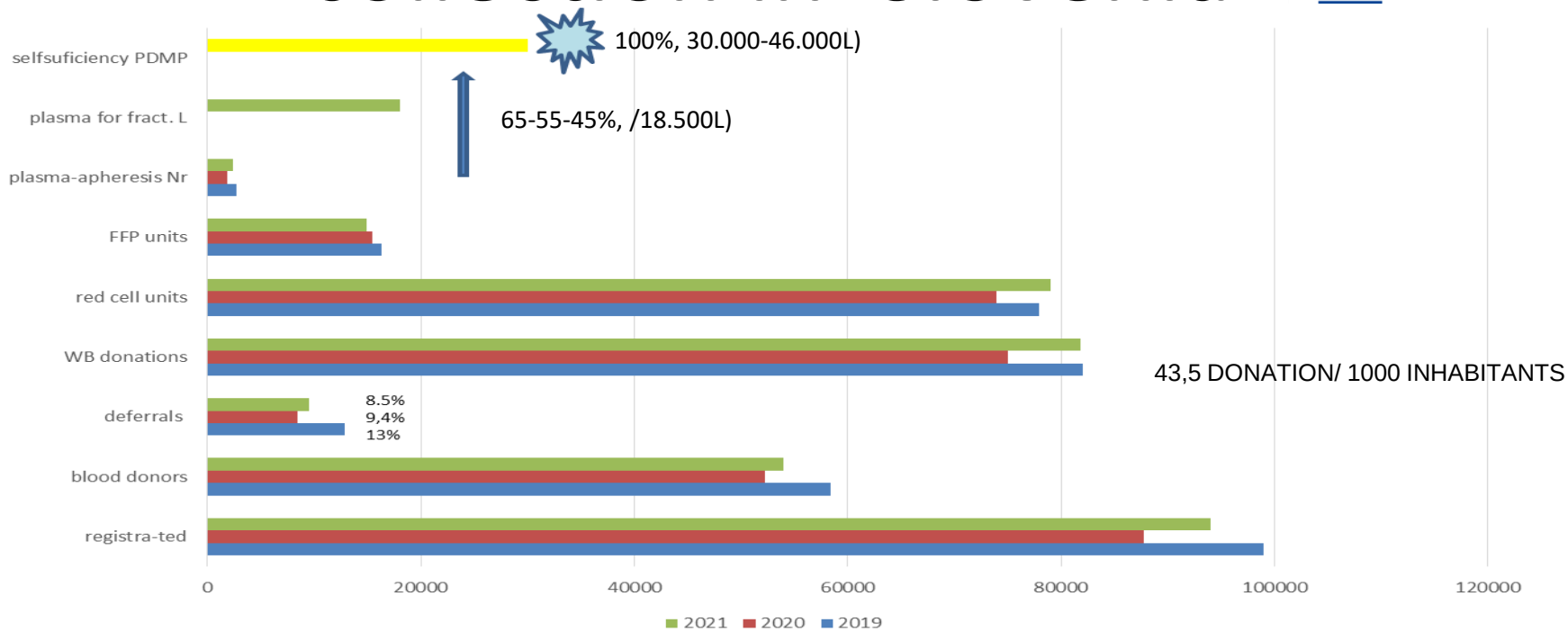
CHALLENGES

- CALL AND APPOINTMENT CENTRE
- Nr.equipment/ machines/ freezer rooms
- Trained staff for collection
- Blood donors selection/ health care



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Building capacity for plasma collection in Slovenia



EMERGENCY SUPPORT INSTRUMENT EU

The Emergency Support Instrument (ESI) enables the European Union to support its Member States when a **crisis reaches exceptional scale and impact**, with wide-ranging consequences on the lives of citizens.

In April 2020, the Emergency Support Instrument was activated to help EU countries address the coronavirus pandemic.

ESI continues to provide fundamental assistance in the **fight against COVID-19**.



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ESI & SLOVENIA



- **1. TO COLLECT UNITS OF CCP (covid-19 convalescent plasma) to provide clinical use in the national observational study, “Collection and use of hyperimmune convalescent COVID-19 plasma in Slovenia” supported by EC-Emergency Support Instrument**
- **2. To built the capacity of plasma collection (machines, collection sets, materials, freezers..)**



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ujete...

Hvala ker darujete...

Išči



SLO
ENG



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Krvodajalstvo



Registri
darovalcev



Krvni
pripravki



Diagnostične
storitve



Terapevtske
storitve



Raziskave/Razvoj
Izobraževanje



ZTM



► DOMOV



**SLOVENIJA
DONOR**

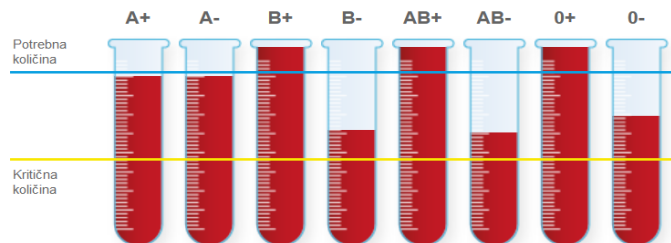
Register nesrodnih darovalcev
krvotvornih matičnih celic



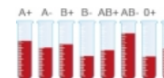
Vpiši se v Slovenija Donor



STANJE ZALOG KRVİ



**LAHKO
DARUJEM?**
PREVERITE TUKAJ



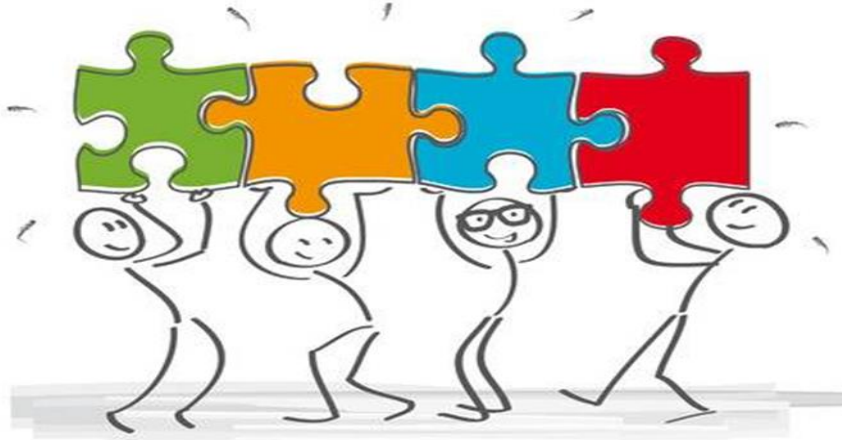
Zaloge krvi



Krvodajalske akcije



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K112046718





ŽIVLJENJE TEČE DALJE
LIFE FLOWS ON
