

# 200 KIDNEY TRANSPLANTATION IN TUZLA BOSNIA AND HERZEGOVINA

Enisa Mešić, UKC Tuzla

Nefrološka škola

Tešanj, 06.10.2018.



Adriatic  
Microsoft Map





**Tuzla**





1990

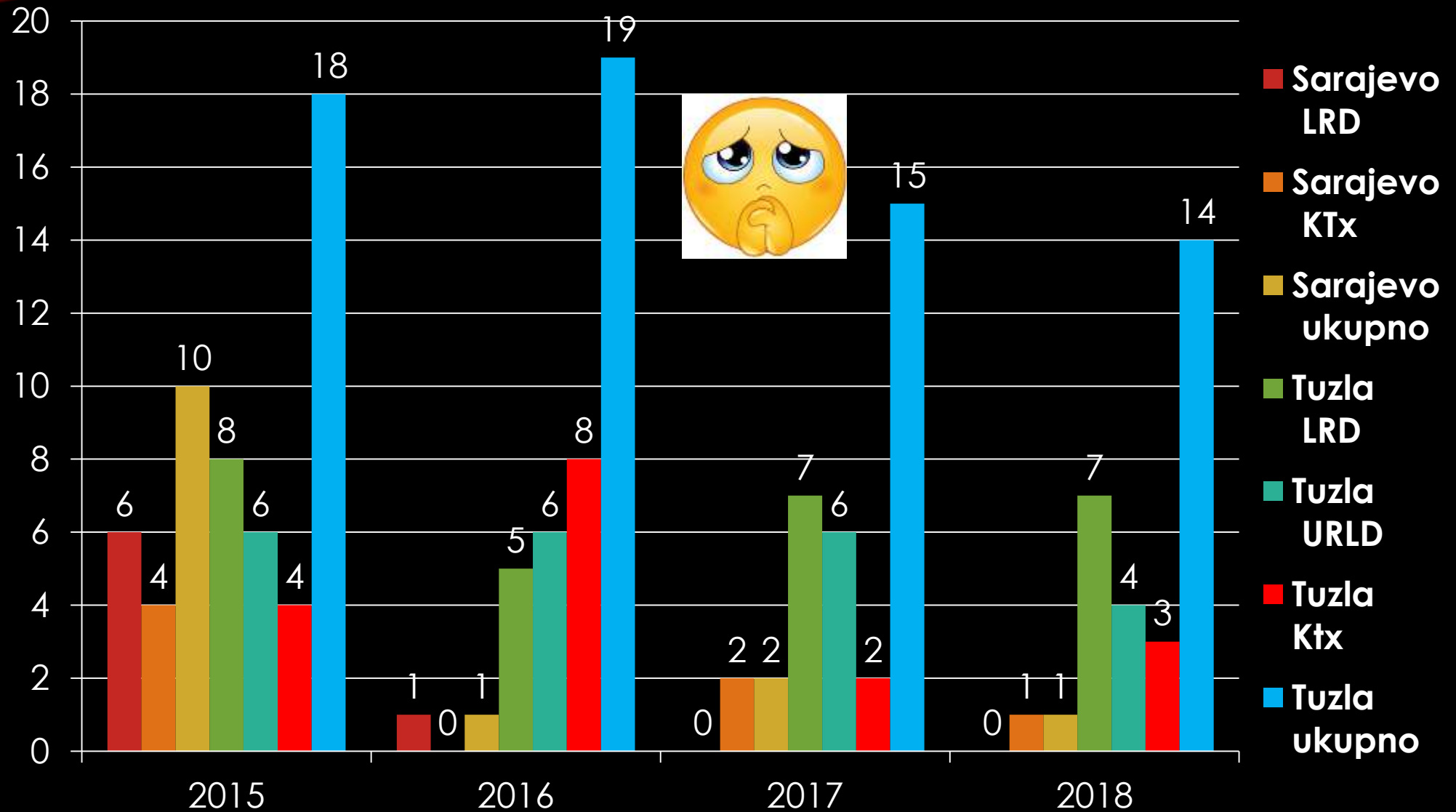


2006

2016



# FBIH - KIDNEY TRANSPLANTATION 2015-2018





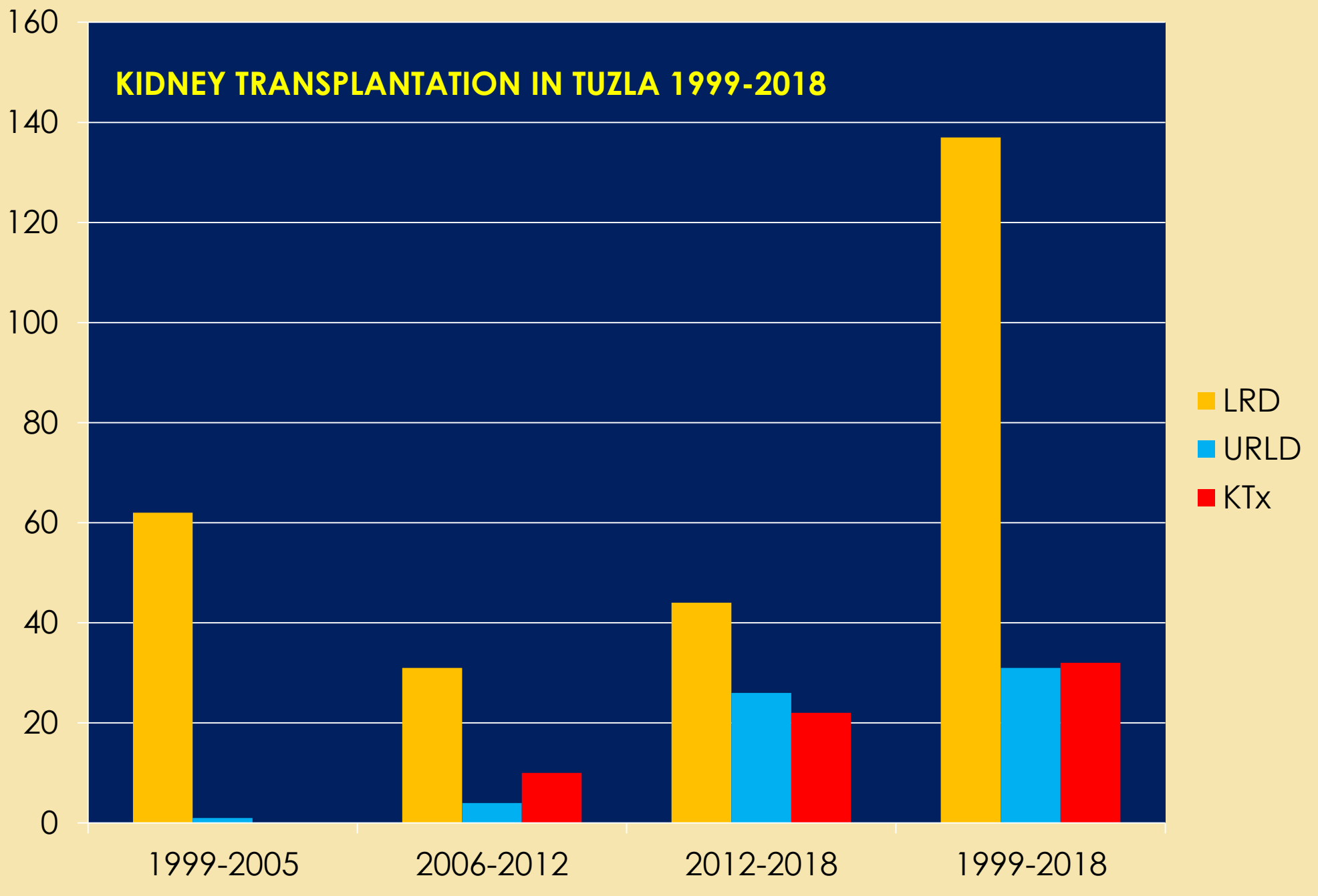
1999

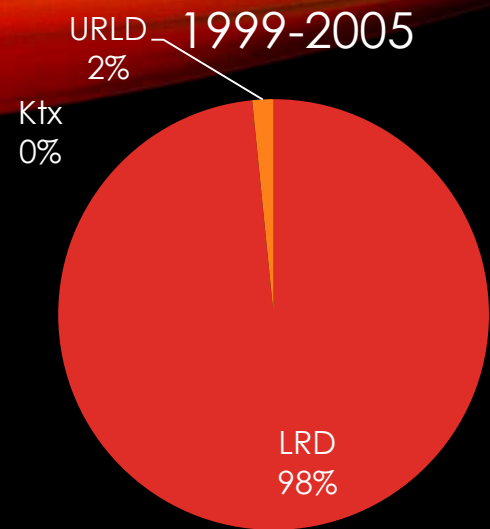


2006

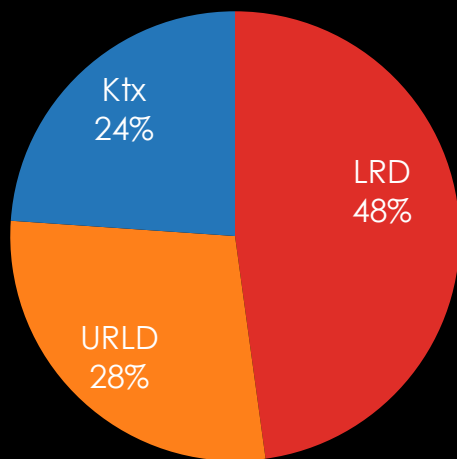


# KIDNEY TRANSPLANTATION IN TUZLA 1999-2018

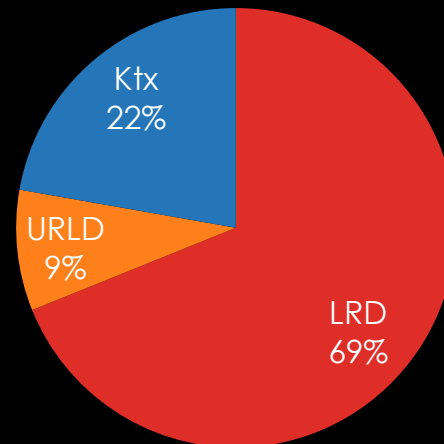




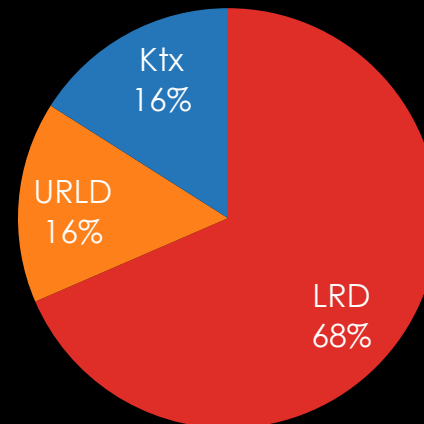
### 2013-2018



### 2006-2012

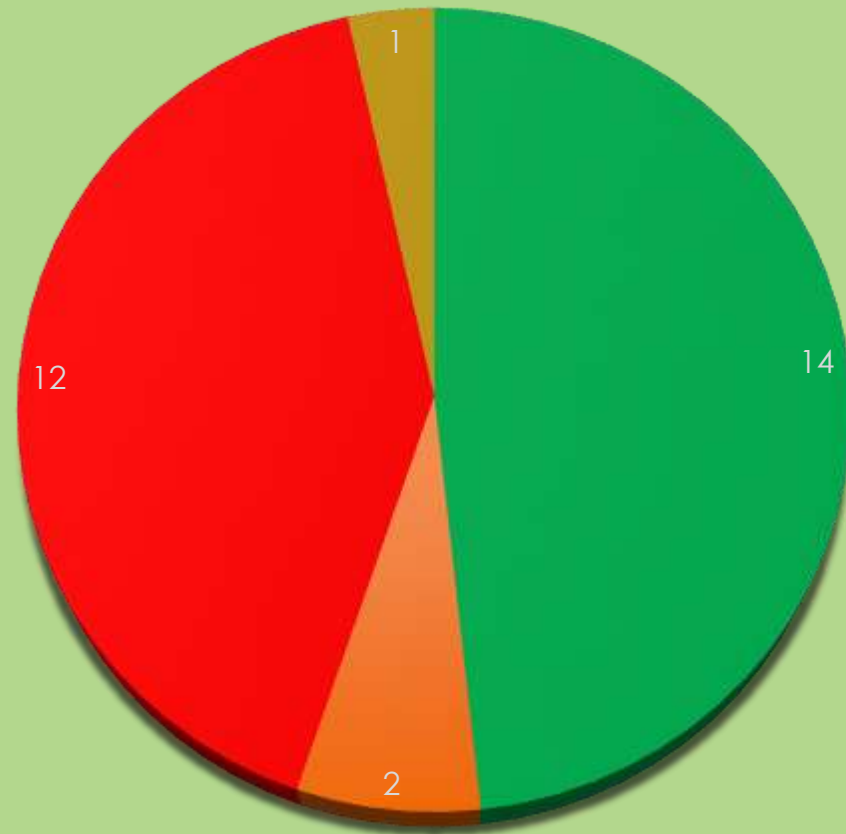


### 1999-2018





## Deceased donors



■ Tuzla ■ Sarajevo ■ Zenica ■ Banja Luka

# AGE AND GENDER STRUCTURE OF RECIPIENTS AND DONORS

| <b>Tuzla</b>              | <b>LRD</b>          | <b>URLD</b>        | <b>Deceased</b>    |
|---------------------------|---------------------|--------------------|--------------------|
| Average age of recipients | 32.6 years (12-72)  | 47.4 (22-69)       | 36.4 years (26-68) |
| Female recipients         | <b>49 (36.0.3%)</b> | <b>10 (34.48%)</b> | <b>15 (42.86%)</b> |
| Male recipients           | 87 (63.98%)         | 19 (65.52%)        | 20 (57.14%)        |
| Dialysis                  | 33 (1-264) months   | 42 (13-166)        | 70 (1-170)         |
| Average age of donors     | 49.53 years (25-72) | 47.52 (21-71)      | 48.06 (25-65)      |

# LIVING RELATED AND UNRELATED DONORS

| <b>Tuzla</b>    | <b>LRD</b>         | <b>URLD</b>        |
|-----------------|--------------------|--------------------|
| <b>Mothers</b>  | <b>46 (33.82%)</b> |                    |
| <b>Fathers</b>  | <b>33 (24.26%)</b> |                    |
| <b>Sisters</b>  | <b>24 (17.65%)</b> |                    |
| <b>Brothers</b> | <b>23 (16.91%)</b> |                    |
| <b>Others</b>   | <b>10 (7.35%)</b>  |                    |
| <b>Wives</b>    |                    | <b>14 (48.28%)</b> |
| <b>Husbands</b> |                    | <b>10 (34.48%)</b> |
| <b>Others</b>   |                    | <b>5 (17.24%)</b>  |

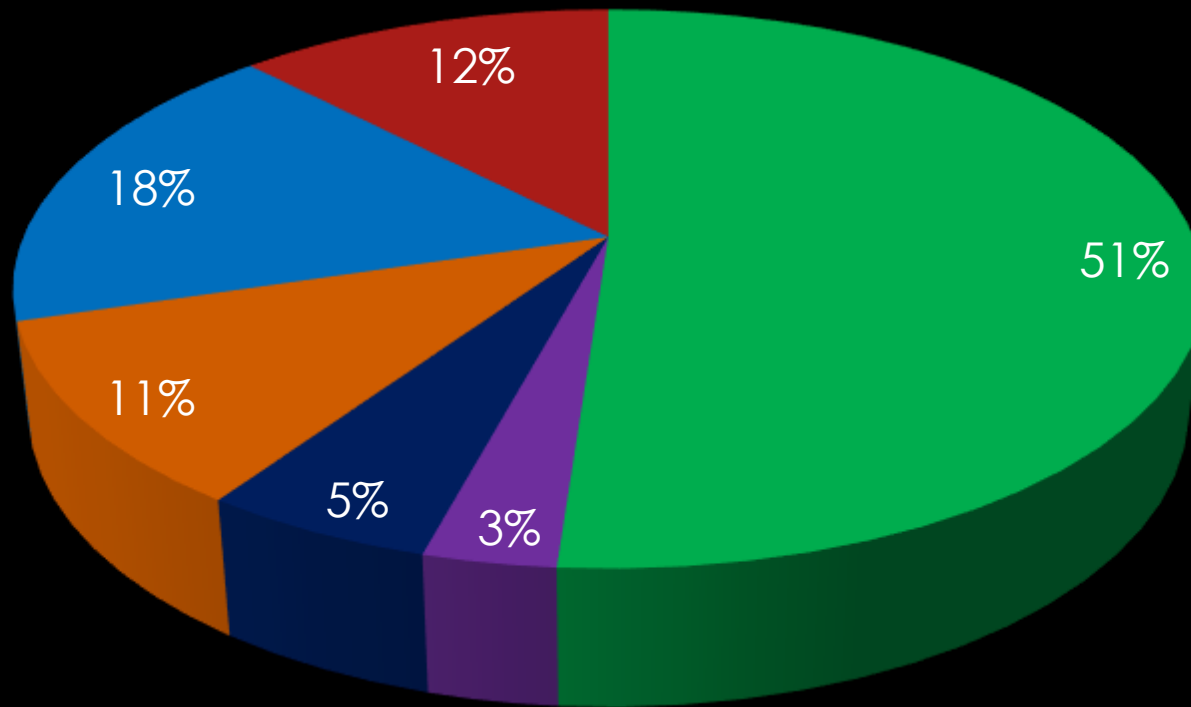




**12 younger than 18 years**

# PRIMARY KIDNEY DISEASE

■ GN ■ DM ■ PN ■ Reflux ■ NN ■ Ostalo

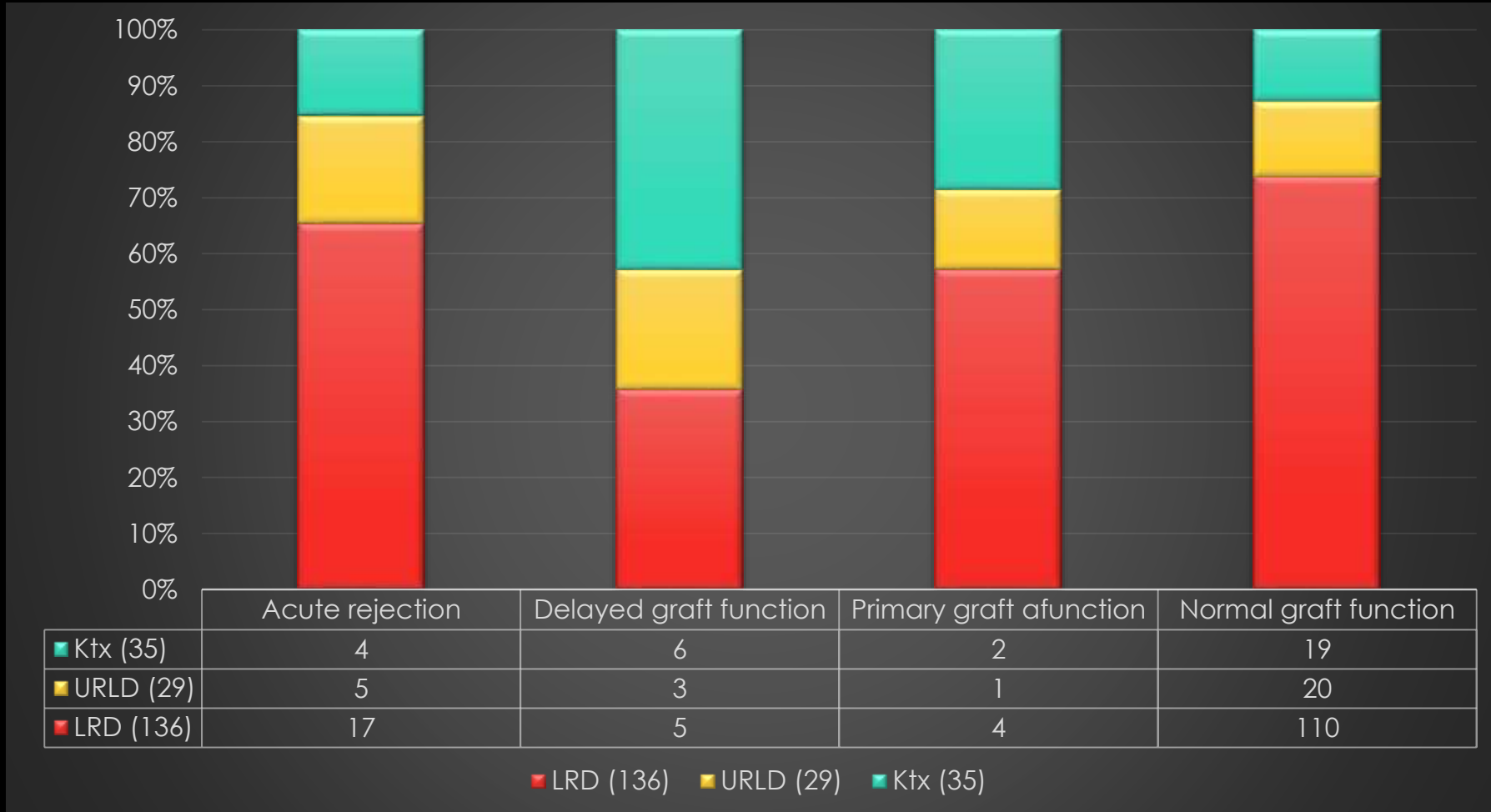


# IMUNOSUPPRESIVE THERAPY

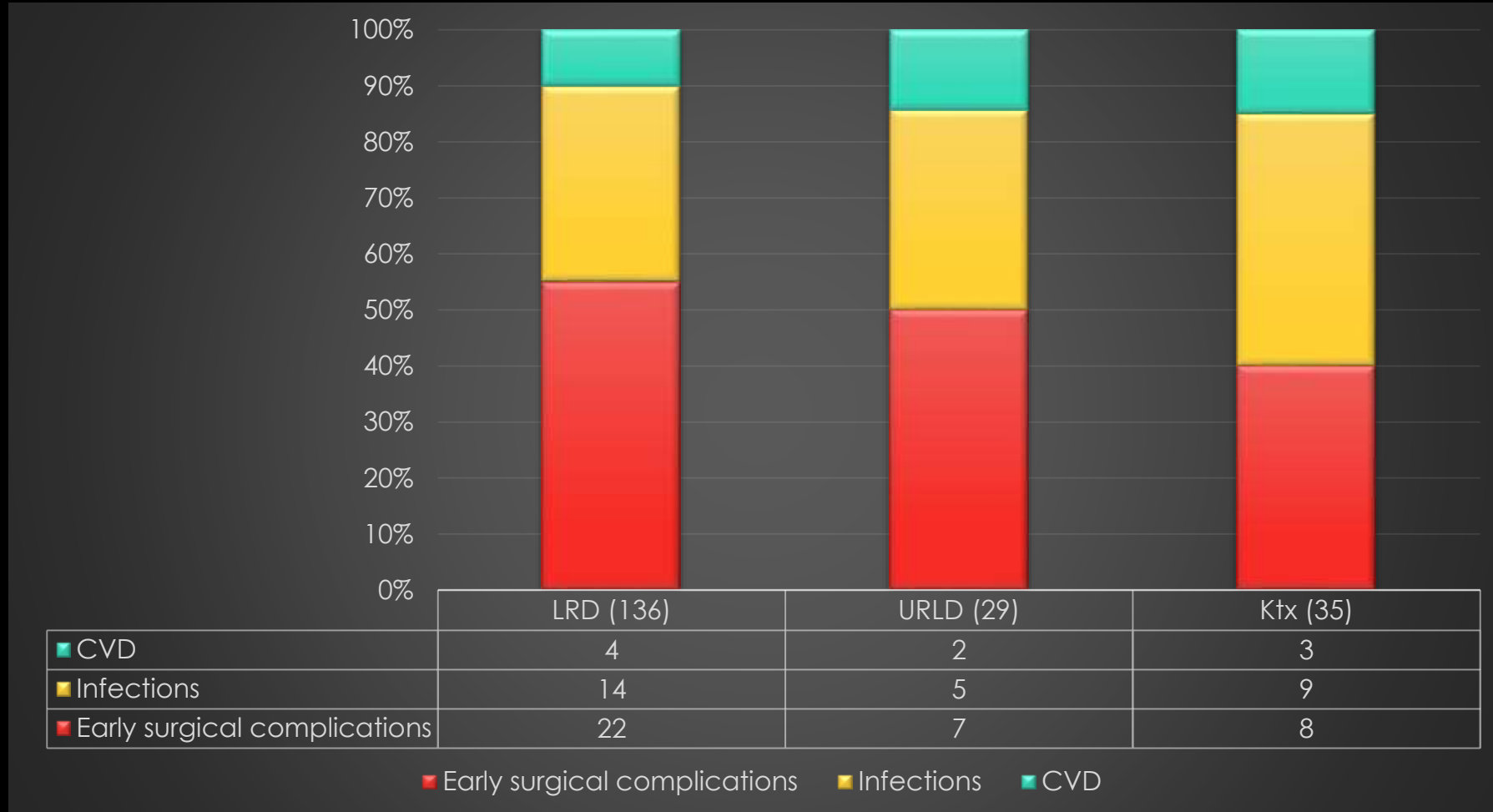
- **1999 – 2002**
  - **ATG + triple IS therapy (KS, azathioprine, cyclosporin)**
- **2002 – 2017**
  - **Basiliximab + triple IS (KS, MMF, cyclosporin)**
- **2006 – 2017**
  - **Tacrolimus 50% bolesnika**
  - **Advagraf (2016)**
- **2011-2018**
  - **Generics**



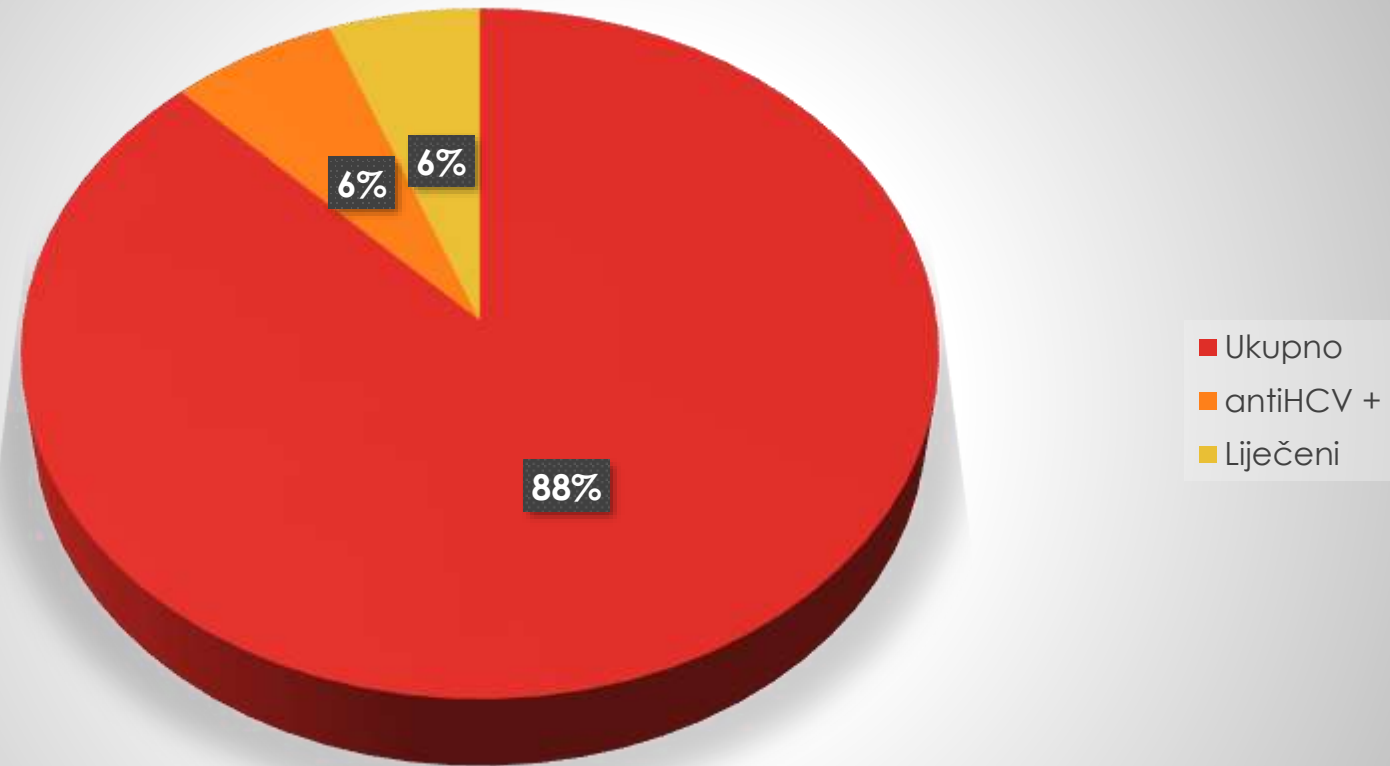
# ACUTE REJECTION AND DELAYED GRAFT FUNCTION DURING THE FIRST POST-TRANSPLANTATION YEAR



# EARLY SURGICAL COMPLICATIONS, INFECTIONS AND CARDIOVASCULAR INCIDENTS DURING THE FIRST POST-TRANSPLANTATION YEAR

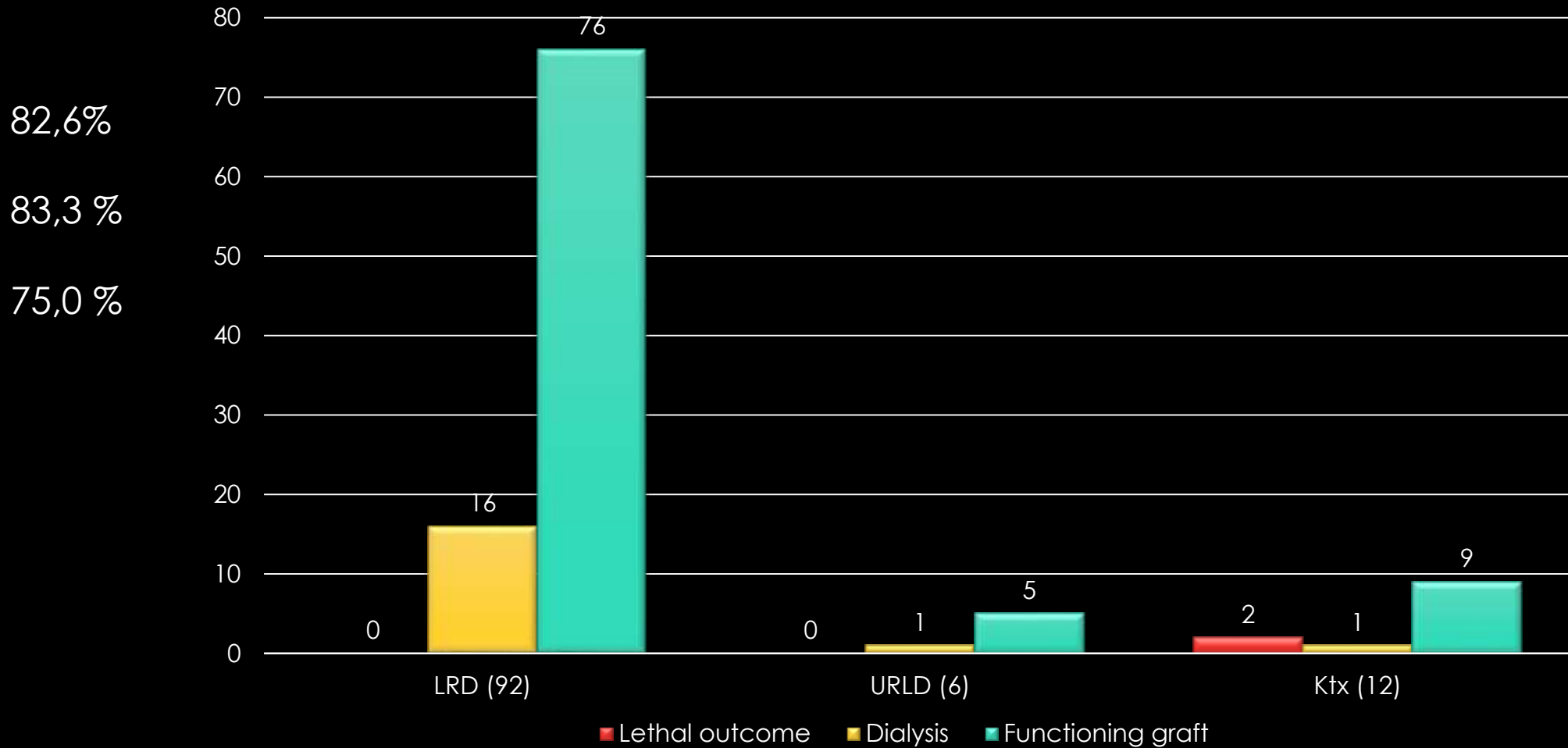


# HCV + RECIPIENTS





# 5 YEARS OVERAL GRAFT AND PATIENTS SURVIVAL



## **Nedovoljno dobro**

- **Dijagnostika moždane smrti i broj organa od umrlih osoba**
- **Lista čekanja**
- **Federalni transplant centar**
- **Imunološka dijagnostika**
- **Organizacija transplantacije u BiH**

# Tuzla

## DA

- **Žive rodbinske transplantacije bubrega**
- **Žive nerodbinske transplantacije bubrega (rodbina i tazbina)**
- **Transplantacije bubrega u visokorizičnih i senzibiliziranih bolesnika**
- **Transplantacije bubrega od umrlih osoba**
- **Besplatno za osiguranike u FBiH**

## NE

- **ABO inkompatibilne transplantacije bubrega**
- **Altruistični donori**
- **Uparene transplantacije**



**1999 - 2019**

