



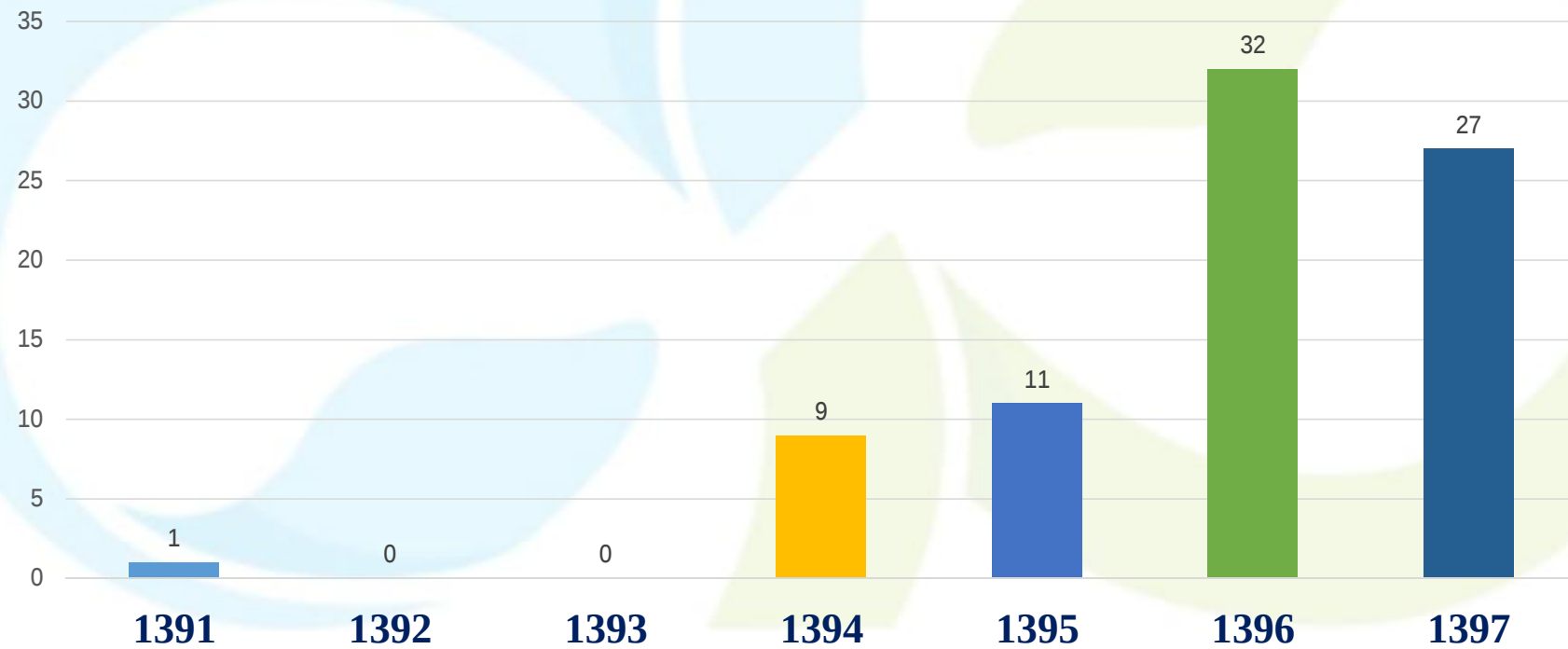
Result of pediatric heart transplant in Iran

M. Mahdavi MD

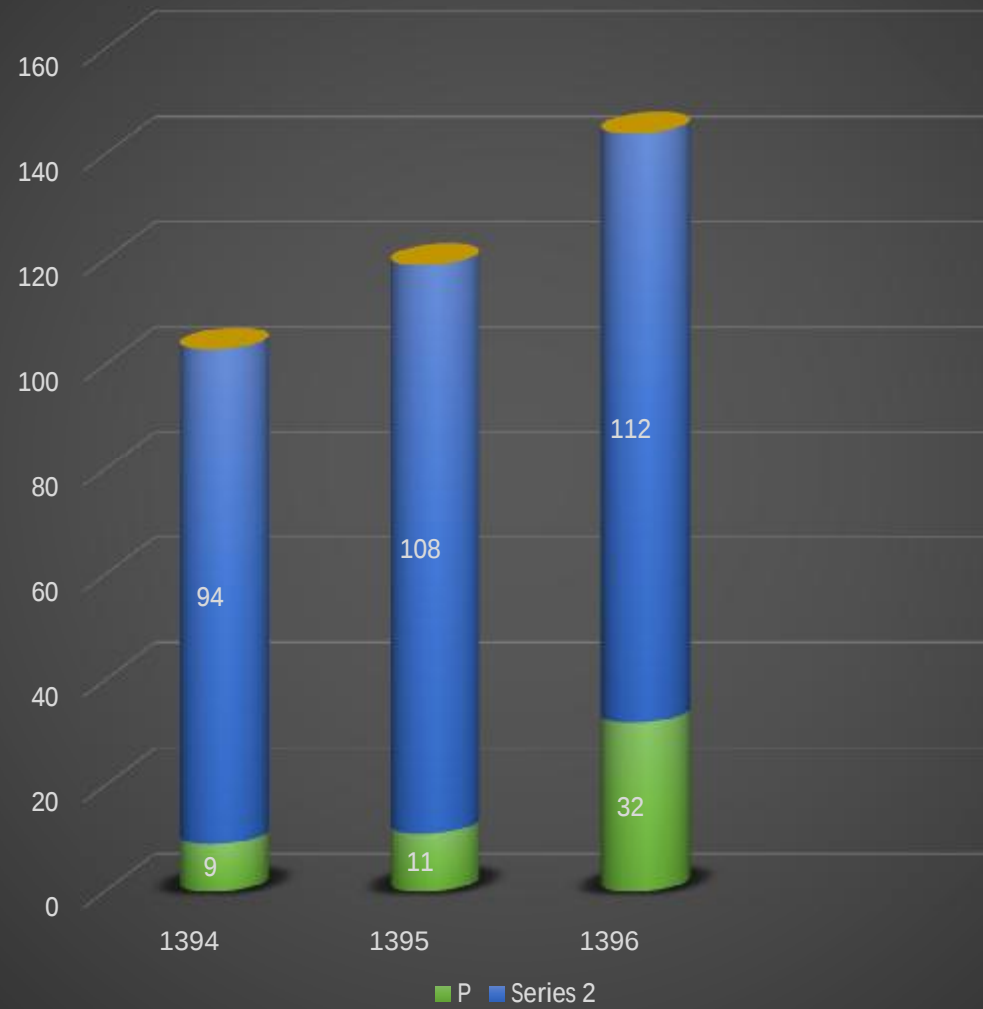


B612

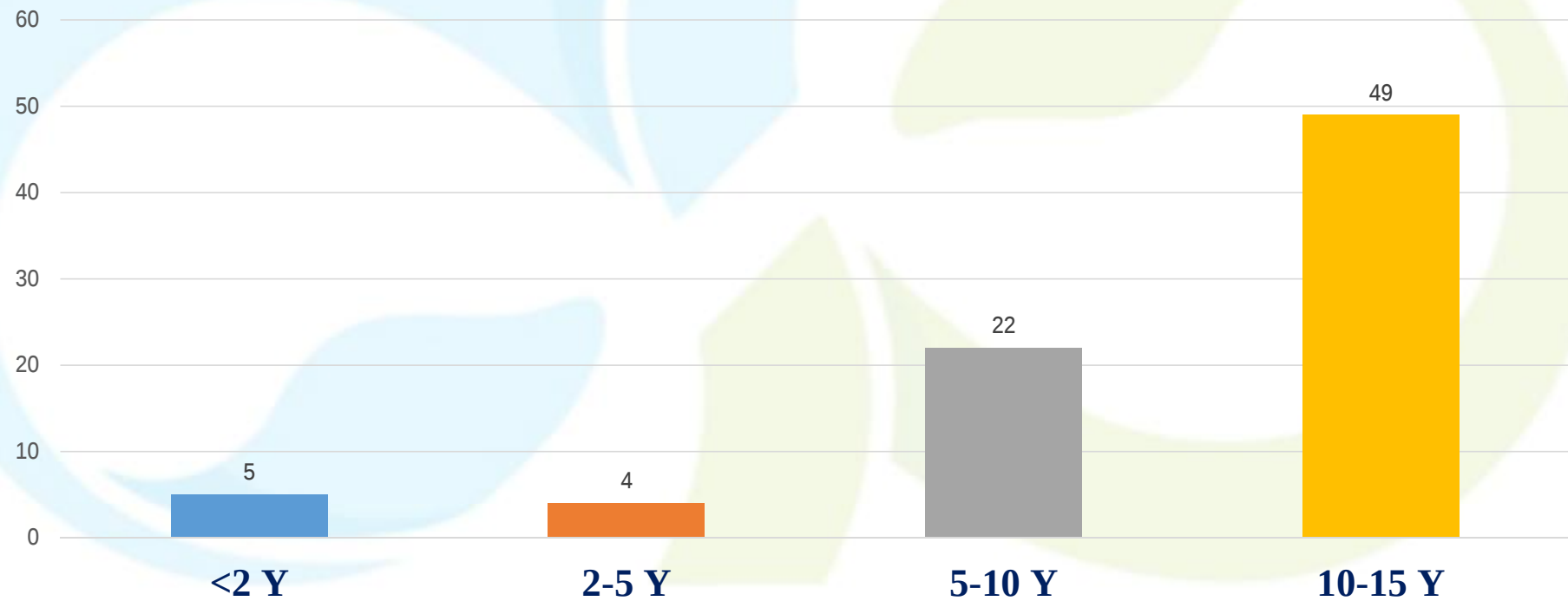
Recipient demographics



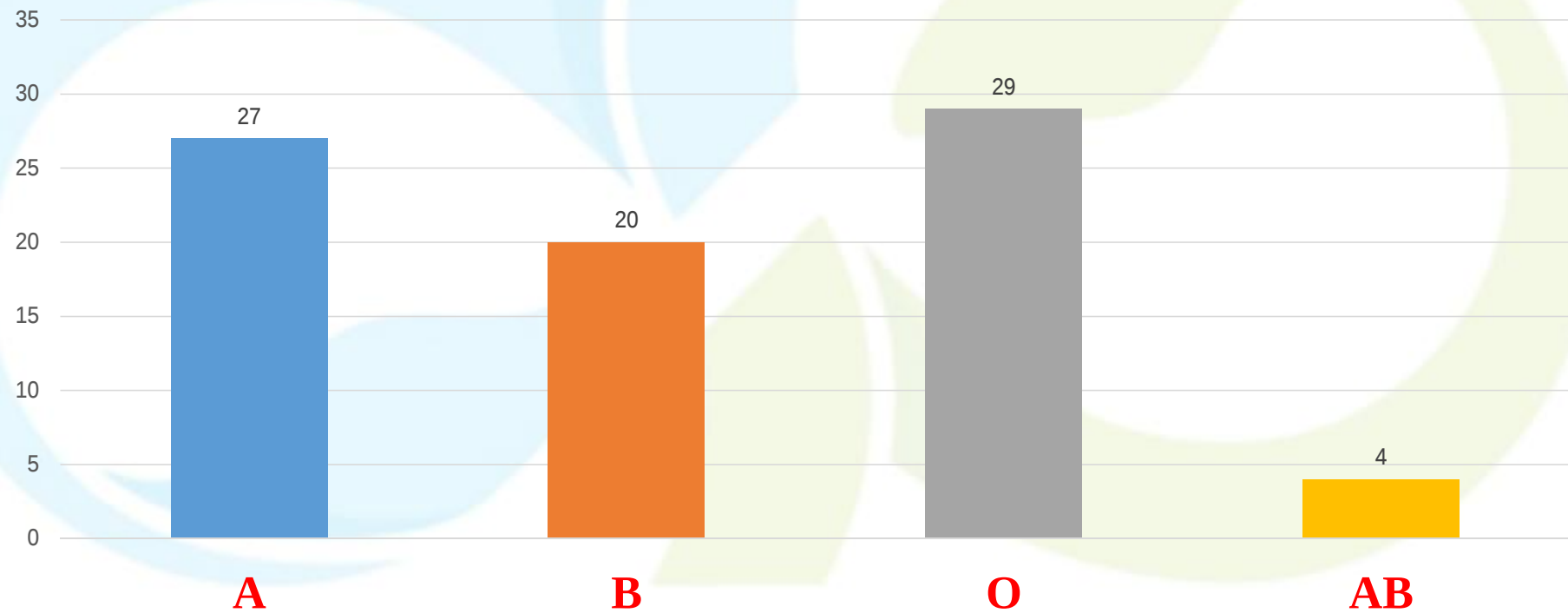
P/A Distribution



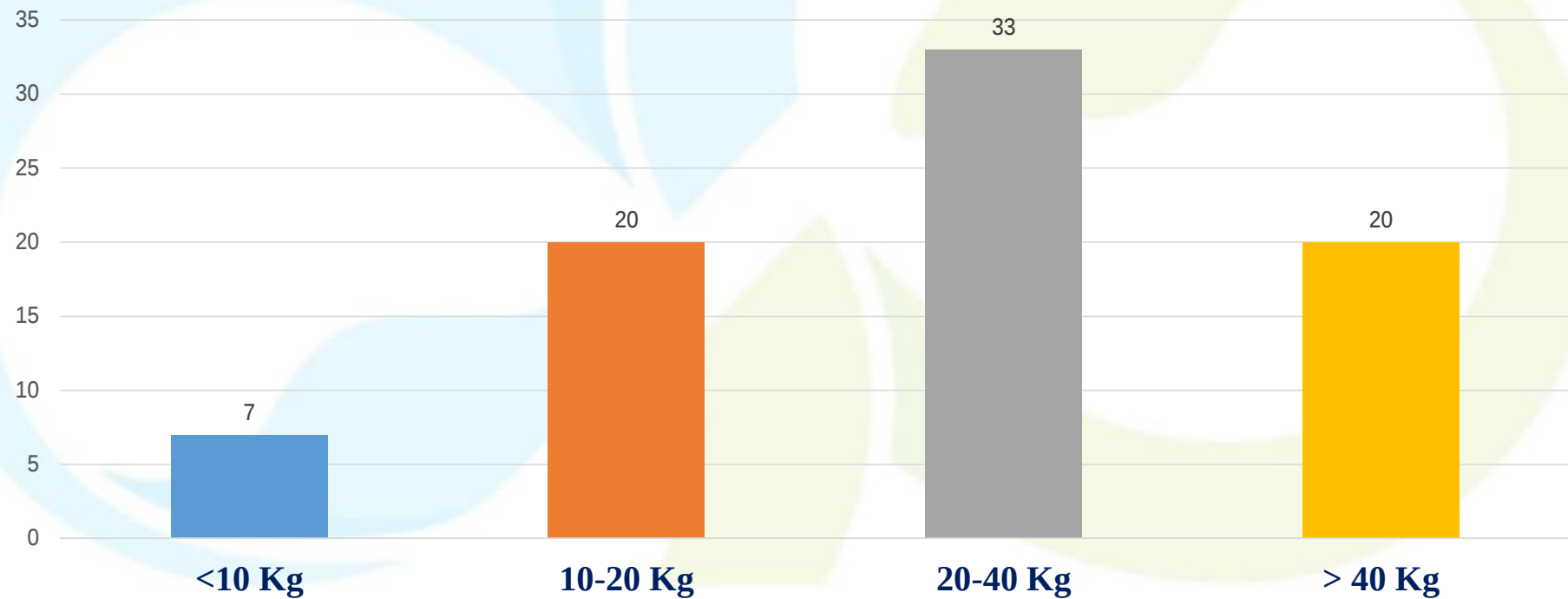
The age distribution of the recipients



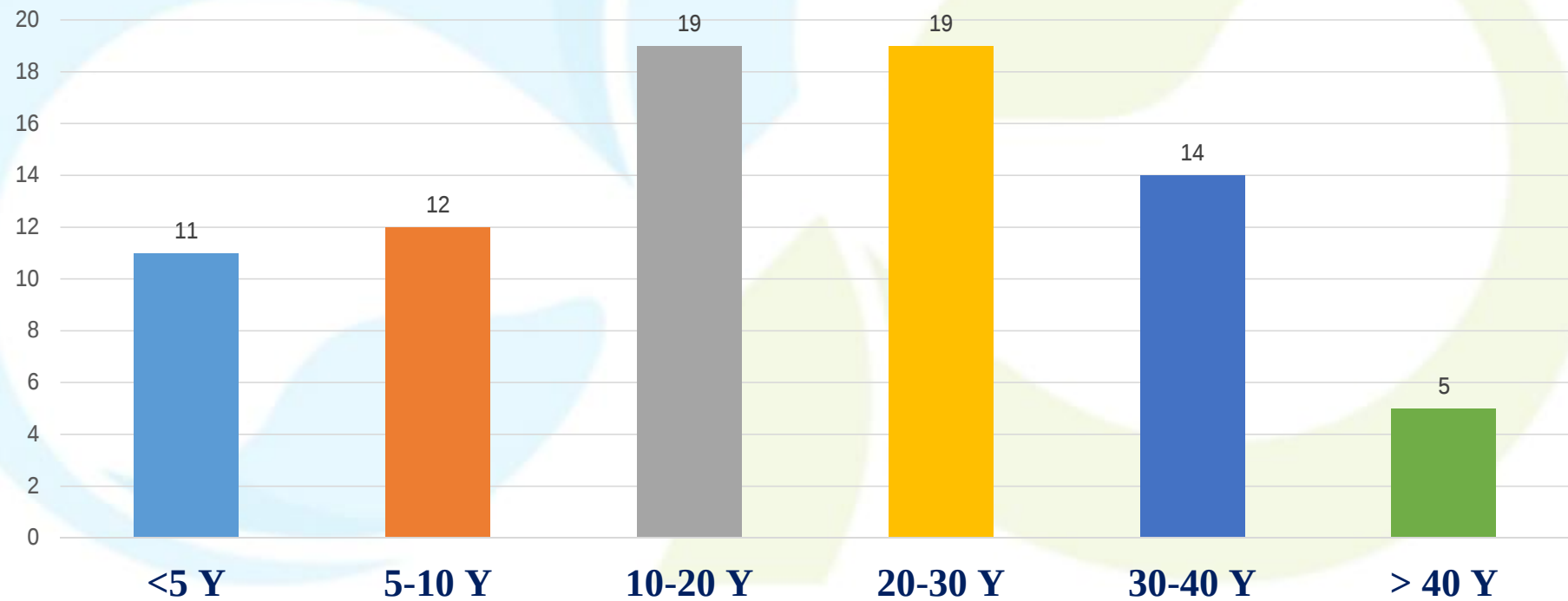
The blood group distribution of the recipients



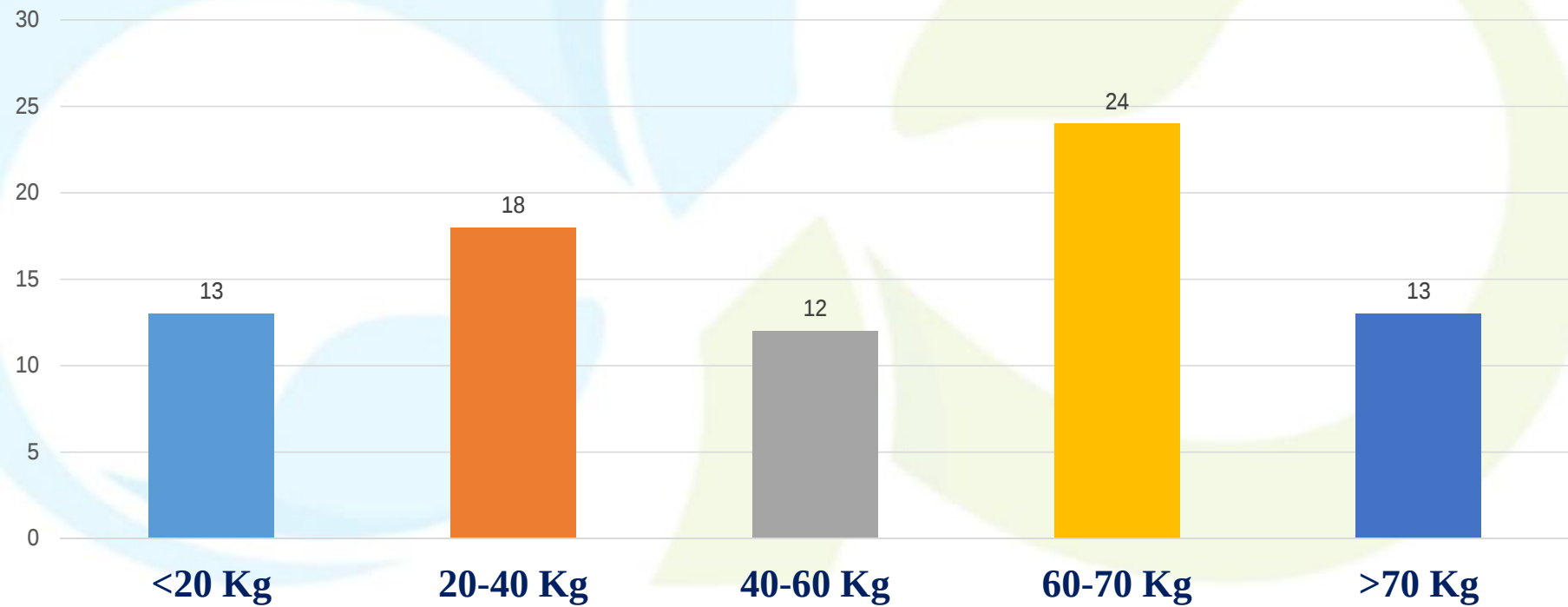
The weight distribution of the recipients



The age distribution of the donors

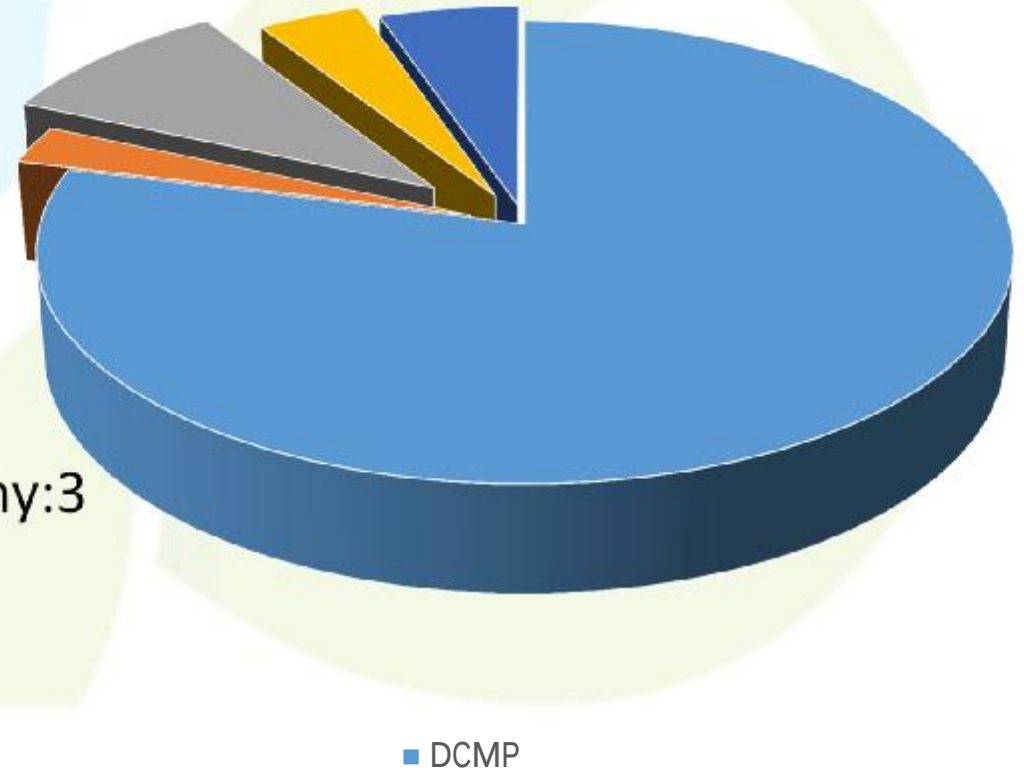


The weight distribution of the donors



Diagnosis in recipients of pediatric heart transplants

- DCMP:60
- RCM:2
- CONGENITAL:7
- ARVC:4
- muscular dystrophy:3
- Chemotherapy Induced Cardiomyopathy:3

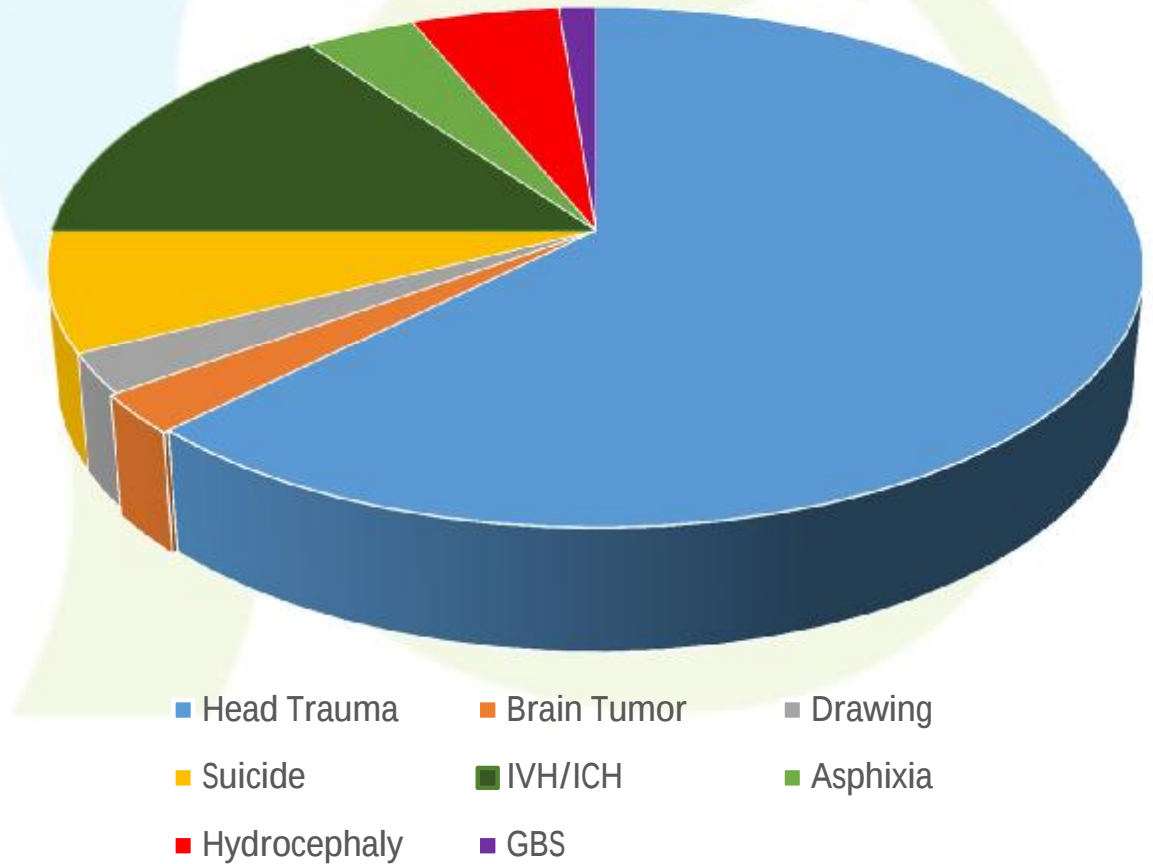


ECMO after pediatric heart transplant

- N:11
- Weaning from ECMO:8
- Discharge from hospital:7

Distribution of BD etiology

- Head trauma: 50
- Brain tumor: 2
- Drawing: 2
- Suicide: 6
- Suicide: 6
- IVH/ICH: 12
- ASPHYXIA: 3
- Hydrocephaly: 4
- GBS: 1

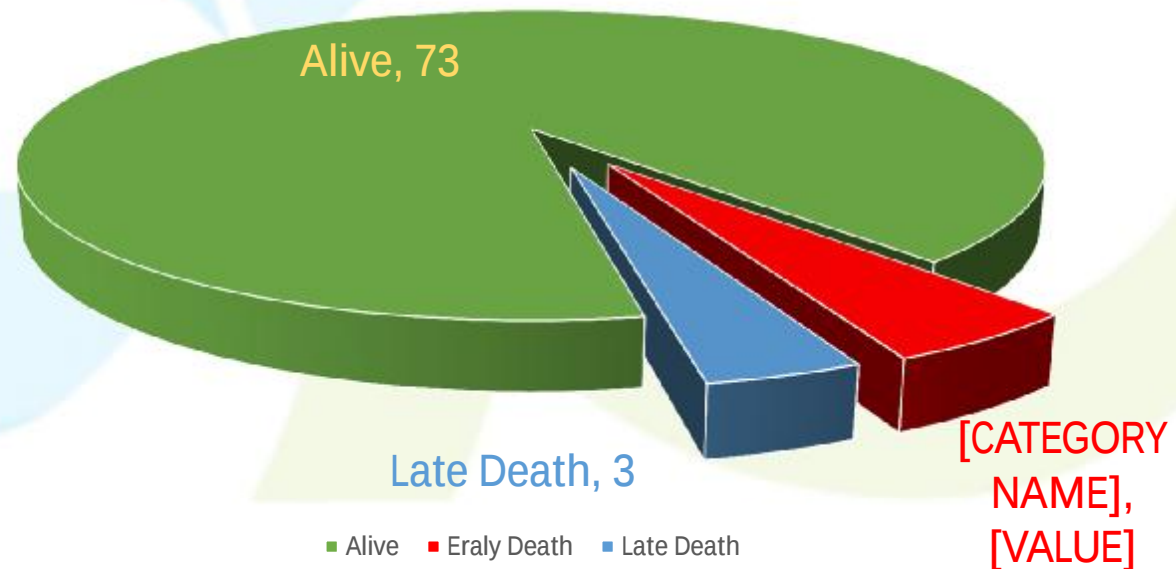


CPR / SHOCK

- CPR WITHOUT SHOCK: 19
- CPR WITH SHOCK: 3

Mortality

- Early death: 4
- Late death: 3



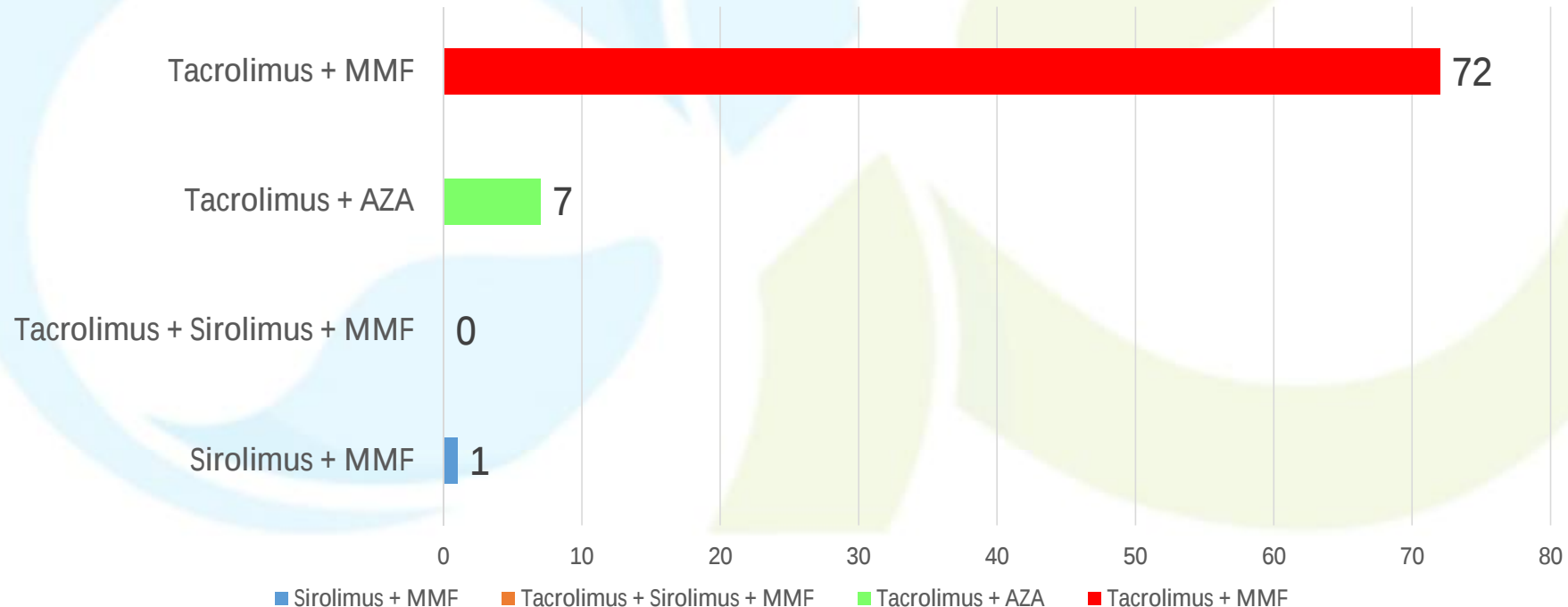
Diagnosis in Early death

1. PLE(after TCPC)
2. congenital MR(history of MV repaire &MVR&PPM)
3. PNET TUMOR (chemotherapy induced cardiomyopathy)
4. familial NCLV(ECMO failure)

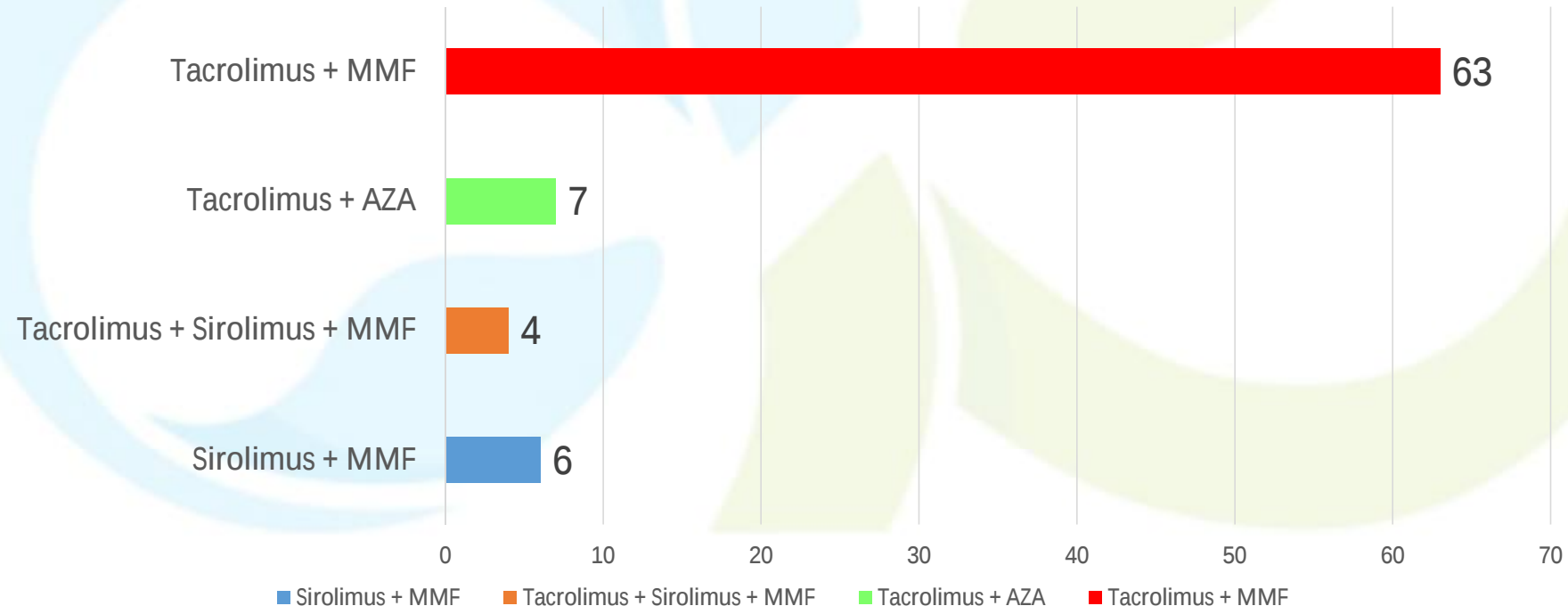
Diagnosis in Late death

1. cholecystitis: 14 mo
2. rejection due to refusing medications: 19m
3. myocarditis: 10 mo

Maintenance immunosuppression at time of transplant hospitalization discharge



Maintenance immunosuppression at time of follow-up (feb 2019) in pediatric heart transplant recipients

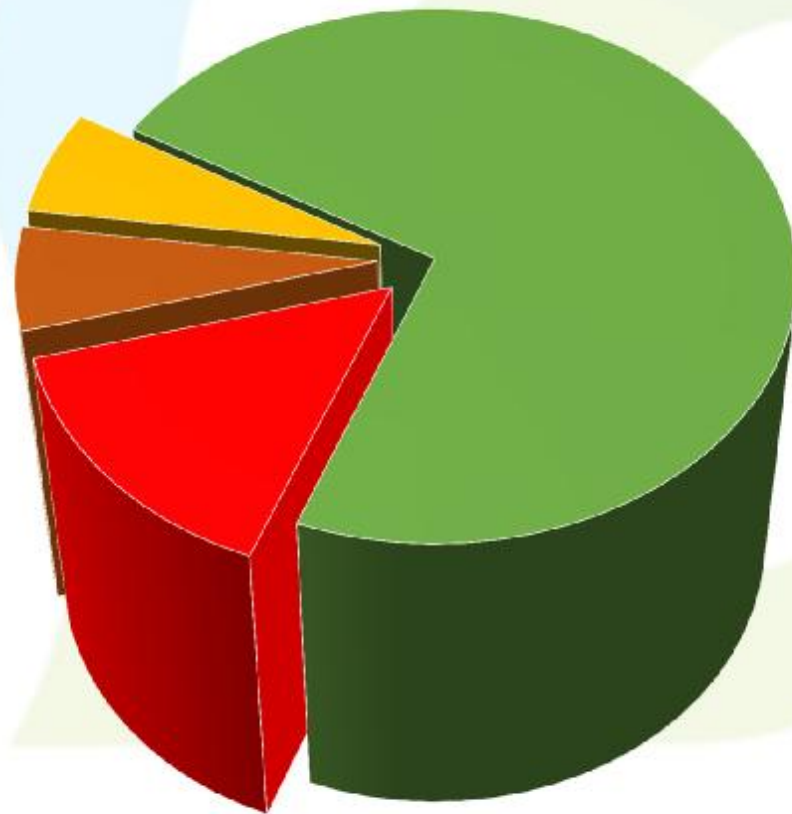


infection

- Brucellosis: 2
- Renal aspergilosis: 1
- Giardiosis: 3
- H.pylori: 2

rejection rate after transplantation

- Hyper acute: 12
- After 6 month: 5
- After first year: 5



■ No Rejection ■ Hyperacute Rej. ■ After 6m Rej. ■ After 12 m Rej.

rejection rate after transplantation

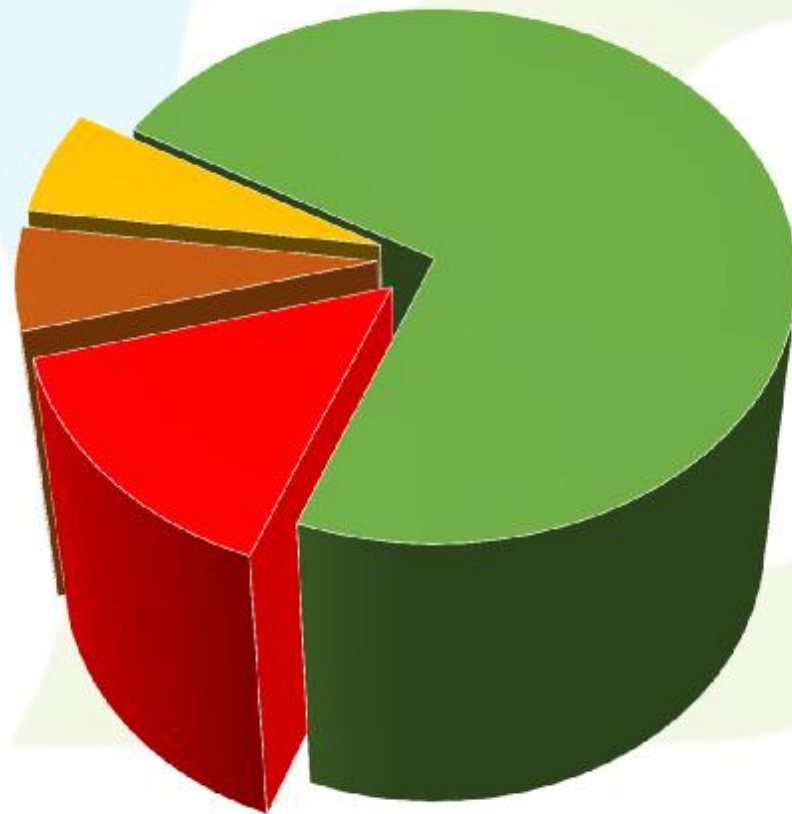
- Hyper acute: 12
- After 6 month: 5
- After first year: 5

Rx for HyperAcute Rejection:

ATG + SOLOMEDROL+ IVIG

RITUXIMUB: 8

Plasmapheresis: 2



■ No Rejection ■ Hyperacute Rej. ■ After 6m Rej. ■ After 12 m Rej.

سعدی! چو جورش می بری نزدیک او دیگر مرو
ای بی بصر! من می روم؟ او می کشد قلاب را!

شادزی
مهر افزون