

Supplementary Material

Supplementary Table S1: Detailed pre-transplantation screening protocol.

Supplementary Table S2: Transplanted patients follow-up protocol.

Supplementary Table S3: Immunosuppression regimen and the standard plasma levels.

Supplementary Figure S1A and S1B: Graphical representation of covariate balance for the variables age and mycophenolate therapy.

Table S1. Detailed pre-transplantation screening protocol.

Requested Exams and Interdisciplinary Consultations	
Requested Exams	
Chest x-ray	
Mammography (if older than 40 years)	
Coloscopy (if older than 40 years)	
Gastroscopy	
Doppler (legs / pelvis)	
Doppler of the carotids	
Chest - computer tomography	
Abdomen- computer tomography	
Head and sinuses -computer tomography	
Lung function (if necessary- 6 minute walk test)	
Arterial blood gas analysis with indoor air breathing	
Central venous blood gas analysis	
ECG, possibly long-term ECG	
Echocardiography	
Spiroergometry	
Left heart catheter	
Right heart catheter with determination of pulmonary vascular resistance and cardiac output	
Heart muscle biopsy (for cardiomyopathy)	
Bronchoscopy	
Interdisciplinary Consultations	
Otorhinolaryngology	
Ophthalmology	
Dentistry	
Gynecology / Urology	
Dermatology	
Nephrology	
Psychological evaluation	

Table S2. Transplanted patients: follow-up protocol.

Months after surgery	1	2-3	4-6	7-9	10-12	13-18	>18
Clinical appointment	weekly	every 2 weeks	every 3 weeks	every 4 weeks	every 6 weeks	every 10 weeks	every 12 weeks
Blood sample collection	weekly	every 2 weeks	every 3 weeks	every 4 weeks	every 6 weeks	every 6 weeks	every 6 weeks

Table S3A. Immunosuppression regimen.

Timepoint	Intraoperative	6h after surgery	Day 1 after surgery	Day 2 after surgery	Up to day 3 after surgery
Medicament					
Methylprednisolone (intravenous)	1000 mg	250 mg every 12 h (3 times)			
Prednisolone (intravenous)			0,5 mg/kgKG (3/5-0-2/5)	0,5 mg/kgKG (3/5-0-2/5)	2,5 mg reduction every 3 days
Tacrolimus (oral)			2 x 2 mg	2 x 2 mg	
Mycophenolate (oral)			2 x 1000 mg	2 x 1000 mg	2 x 1000 mg

Table S3B. Immunosuppressive standard plasma levels.

Timepoint	0-6 Months	6-12 Months	Up to 1st year	Up to 2nd year
Plasma level (µg/l)				
Mycophenolate	1,5 - 3	1,5 - 3	1,5 - 3	1,5 - 3
Tacrolimus	10 - 12	8 - 10	7 - 10	7 - 10
Ciclosporin	200 - 220	150 - 200	100 - 150	Under 100
Sirolimus	-	-	8 - 10	8 - 10
Everolimus	5 - 8	5 - 8	5 - 8	5 - 8

Figure S1A. Balance plot for the variable “age” before and after matching.

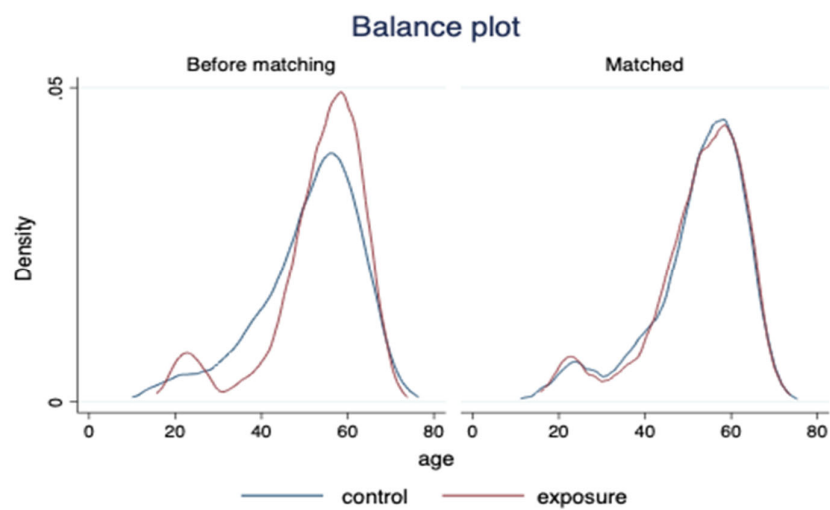


Figure S1B. Balance plot for the variable “mycophenolate therapy” before and after matching.

