

Table 1. Baseline characteristics of ESRD patients and their post-BS evolution before KT

	Before BS (n=22)	1 year (n=22)	5 years (n=13)
Sex (% female)	12 (54.5%)		
Age (years)	47.1 (10.1)		
Weight (kg)	111.9 (14.3)	87.7 (13.3)	89.4 (14.7)
BMI (kg/m ²)	40.5 (4.6)	31.7 (4.8)	31.7 (5)
Fat mass (kg)	48.8 (10.2)	35.2 (8.6)	33.9 (7.8)
Fat mass (%)	43.3 (7.3)	39.4 (8)	39.7 (9.3)
Lean mass (kg)	60.4 (11.6)	52.2 (10.9)	54 (12.1)
Lean mass (%)	53.9 (7.3)	58.3 (8.1)	58.8 (9.7)
Appendicular lean mass/ total weight (%)			
Male	26.4 (4.8)	28.2 (5.9)	27.5 (3.8)
Female	21.7 (2.6)	23.2 (4.3)	23.7 (3.4)
Sarcopenic obesity (n, %)*	8 (36.3)	4 (18)	2 (15.3)
Weight-loss (%)**		21.4 (8.5)	23 (12)
Lean mass-loss (%)***		13.5 (5.9)	15.3 (9)
Lean mass loss (kg)		A ajouter	A ajouter
Lean mass-loss / total weight-loss (%)		36.7 (19.7)	47 (25.3)
Kidney transplant n=16			
Sex (Female)	8 (50%)		
Age (years)	49.7 (9.4)		
BMI (kg/m ²)	29.7 (3.5)		
Time between BS and KT (years)	2.7 (1.7)		
• < 2 years	5 (31.2%)		
• 2-3 years	7 (43.7%)		
• 3-5 years	3 (18.7%)		
• > 5 years	1 (6.2%)		
Early KT complications			
• Delayed graft function	5 (33.3%)		
• Dialysis post transplantation	2 (14.3%)		
• Acute reject	1 (6.2%)		
• NODAT	1 (7.7%)		
Long term follow-up after kidney transplant			
Mean follow up (years)	6.9 (2.3)		
Kidney graft still functional	12 (75%)		
Kidney graft loss of function	2 (12.5%)		
Death (Covid -related)	2 (12.5%)		

Continuous variables are expressed as mean (SD), categorical variables are expressed as n (%); BMI: Body Mass Index

NODAT incidence was calculated among the 13 patients who did not have type 2 diabetes prior to kidney transplant.

BS: Bariatric surgery; KT: Kidney transplant; BMI: body mass index; NODAT: New onset diabetes after transplantation

* according to 2022 EASO-ESPEN consensus, based solely on DXA measurements

**weight-loss (%) = (preoperative weight (kg) – postoperative weight (kg)) / preoperative weight;

*** Lean mass loss (%) = (preoperative lean mass (kg) – postoperative lean mass (kg)) / preoperative lean mass (kg);