APPENDIX

Supplementary Table 1. Clinical outcomes of patients that underwent bariatric surgery before and after kidney transplantation													
Author	n	FU (mo, SD)	T2	diabetes, 1	n (%)	Нур	ertension,	n (%)	Post-bariatric surgery outcomes, n				
			Before	IM	Resolved	Before	IM	Resolved	All-cause 30-day mortality	30-day minor comp rate	30-day major comp rate	>30- day comp rate	
Before kidney tran	splant												
Bouchard, 2019	32	14	15 (47%)	_	_	25 (78%)	_	_	0 (0%)	(3.1%)	0 (0%)	_	
Yemini, 2019	24	47 (6.5)	16 (67%)	7 (44%)	7 (44%)	22 (92%)	2 (10%)	10 (45%)	1 (4.2%)	_	-	1 (4.2%)	
Cohen, 2019	43	60	19 (44%)	_	-	_	_	-	0 (0%)	_	-		
Thomas, 2018	31	-	17 (54.8%)	2 (11.8%)	7 (41%)	31 (100%)	3 (9.7%)	9 (29.0%)	0 (0%)	4 (12.9%)	4 (12.9%)	0 (0%)	
Kim, 2020	41	12	23 (56.1%)	5 (21.8%)	5 (21.8%)	35 (85.6%)	-	19 (45.7%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	
Newcombe, 2005	3	16	2 67%)	_	1 (50%)	3 (100%)	1 (100%)	_	0 (0%)	-	-	0 (0%)	
Koshy, 2008	3	13.5	2 (67%)	_	_	1 (33%)	_	_	0 (0%)	_	_	0 (0%)	
Kassam, 2019	45	7.3 (5.0)	143 (59%)	_	65 (68%)	206 (85%)	_	81 (49%)	0 (0%)	1 (0.4%)	1 (0.4%)	0 (0%)	
Al-Bahri, 2017	16	33.6	-	-	_	-	_	-	0 (0%)	0 (0%)	0 (0%)	0 (0%)	
Kienzl-Wagner, 2017	8	38.4 (16.8)	4 (50%)	_	_	6 (75%)	_	-	0 (0%)	0 (0%)	0 (0%)	2 (25%)	

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Carandina, 2017	9	15.6	6	2	2	9	2	5	0 (0%)	1	1	0 (0%)
·			(66.6%)	(22.2%)	(22.2%)	(100%)	(22.2%)	(55.6%)	,	(11.1%)	(11.1%)	, ,
After kidney transplant												
Cohen, 2019	21	60	8 (38%)	-	_	_	_	П	0 (0%)	_	-	_
Viscido, 2018	5	16.8	2 (40%)	2	_	5	5	_	0 (0%)	0 (0%)	0 (0%)	0 (0%)
		(14.5)		(100%)		(100%)	(100%)					
Schindel, 2019	30	30	22	_	2 (9%)	26	_	4	2 (6.7%)	0 (0%)	0 (0%)	1
		(15.6)	(73%)			(86.7%)		(15.4%)				(3.3%)
Gazzetta, 2017	6	1	3 (50%)	_	-	-	_	1	0 (0%)	_	-	_
Gheith, 2017	22	6	8	-	-	18	_	_	0 (0%)	_	-	_
			(36.4%)			(81.8%)						
Golomb, 2014	10	6	5 (50%)	4 (80%)	1 (20%)	6 (60%)	3 (50%)	2	0 (0%)	1 (10%)	1 (10%)	0 (0%)
								(33.3%)				
Szomstein, 2010	5	23	3 (60%)	_	_	5	_	ı	0 (0%)	0 (0%)	0 (0%)	0 (0%)
		(2.53)				(100%)						
Arias, 2010	5	26.4	3 (60%)	3	_	5	4 (80%)	1 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
		(14)		(100%)		(100%)						
Alexander, 2007	10	12	4 (40%)	_	2 (50%)	_	_	_	_	1	0 (0%)	1
										(11.1%)		(10%)
Modanlou, 2009	87	12	35	_	-	_	_	_	-	_	_	_
			(40.2%)									

Comp: complication; FU: followup; IM: improved; KTX: kidney transplant; LAGB: laparoscopic adjustable gastric band; LSG: laparoscopic sleeve gastrectomy; RYGB: Roux-en-Y gastric bypass; SD: standard deviation; -: not reported.

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Supplement	tary Table	2. The MIN	ORS risk of bia	s assessment	scores of in	ncluded studie	es							
		Inclusion of consecu- tive patients	Prospective collection of data	Endpoint appro- priate to the aim of the study	Un- biased assessm ent of the study end- point	FU period appro- priate to the aim of the study		Additional criteria for comparative studies						
Study	A clearly stated aim						Loss of FU <5%	Prospec- tive calcula- tion of the study size	Adequate control group	Contemp- orary group	Baseline equiv- alence of groups	Ade- quate statisti- cal analysis	Total	
Before tran	splant													
Bouchard, 2019	2	2	2	2	0	2	2	_	_	_	_	_	12	
Yemini, 2019	2	2	2	2	0	2	2	-	-	_	_	-	12	
Cohen, 2019	2	2	2	2	0	2	1	0	2	2	2	2	19	
Thomas, 2018	1	2	1	2	0	2	0	0	2	1	2	2	15	
Kim, 2020	2	2	1	2	0	2	0	0	2	0	2	2	15	
Newcomb e, 2005	1	2	2	0	0	2	2	_	-	_	_	_	9	
Koshy, 2008	2	2	2	1	0	2	2	_	-	_	_	-	11	
Kassam, 2019	2	2	2	2	0	2	2	_	_	-	-	-	12	
Al-Bahri, 2017	2	2	2	2	0	2	1	_	_	-	_	_	11	
Kienzl- Wagner, 2017	2	2	2	2	0	2	0	-	_	-	_	_	10	
Carandina, 2017	2	2	2	2	0	2	0	_	-	_	_	_	10	
After transp	plant													
Cohen, 2019	2	2	2	2	0	2	1	0	2	2	2	2	19	

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Viscido, 2018	2	2	2	1	0	2	2	-	-	-	_	-	11
Schindel, 2019	2	2	2	2	0	2	2	0	2	1	1	2	18
Gazzetta, 2017	1	2	1	1	0	2	2	-	-	-	_	-	9
Gheith, 2017	2	2	2	1	0	2	2	2	2	2	1	2	20
Golomb, 2014	2	1	1	2	0	2	1	-	-	-	_	-	9
Szomstein, 2010	1	2	2	1	0	2	2	-	-	-	_	-	10
Arias, 2010	2	2	2	2	0	2	2	-	-	-	_	-	12
Alexander, 2007	1	2	2	1	0	2	2	_	-	_	_	-	10
Modanlou, 2009	2	2	1	1	0	2	2	-	_	-	-	_	10

0=not reported; 1=reported but inadequate; 2=reported and adequate; -, not reported. FU: followup.