

**SDC, Table 1.** Comparison between eyes with early worsening of macular edema or panretinal photocoagulation (PRP) and/or pars planar vitrectomy (PPV) after pancreas transplantation and those without.

	Macular edema			PRP/PPV		
	Eyes with progression (N=17)	Eyes w/o progression (N=136)	<i>p</i> value	Eyes with progression (N=24)	Eyes w/o progression (N=129)	<i>p</i> value
<b>Demographic</b>						
Age, years	28.9±5.0	37.3±10.8	<0.001	32.1±9.3	37.1±10.7	0.023
Sex, N (%)						
Female	12	76	0.247	13	75	0.718
Male	5	60		11	54	
Type of DM, N (%)						
Type 1	17	104	0.026	22	98	0.107
Type 2	0	32		2	29	
Age at onset of DM, years	16.3±4.8	20.9±9.3	0.003	18.1±8.4	20.8±9.1	0.177
DM duration, years	12.6±5.6	16.1±8.1	0.088	14.3±7.2	15.9±8.0	0.387
<b>Systemic</b>						
BMI, kg/m <sup>2</sup>	19.5±3.2	21.2±2.7	0.016	20.2±2.4	21.2±2.9	0.102
HbA1C, %						
Preop	9.3±2.4	8.2±1.9	0.037	8.9±2.2	8.2±1.9	0.101
Postop 1M	6.7±1.5	5.9±0.8	0.035	6.3±1.0	5.9±0.9	0.131
Postop 6M	5.1±0.5	5.5±0.5	0.002	5.3±0.4	5.5±0.5	0.107
Changes 1M postop	2.5±0.5	2.3±1.6	0.569	2.7±1.6	2.3±1.6	0.250
Changes 6M postop	4.2±2.4	2.7±2.0	0.005	3.7±2.2	2.7±2.0	0.045
<b>Surgical</b>						
Type of transplantation, N						
SPK/SPLK	3	74	<0.001	7	70	0.001

PAK	0	25		1	24	
PTA	14	37		16	35	
Drainage, N						
Bladder	15	88	0.050	20	83	0.069
Enteric	2	51		4	46	
Induction regimen, N						
ATG	16	128	0.724	21	123	0.422
Basiliximab	1	8		2	7	
Steroid regimen, N						
Withdrawal	15	124	0.456	21	118	0.327
Maintenance	2	12		3	10	
<b>Ocular</b>						
Baseline severity of DR, N						
No DR	2	19	<0.001	1	20	<0.001
Mild-moderate NPDR	5	13		6	12	
Severe NPDR	1	2		1	2	
Severe NPDR-PDR s/p PRP						
≤ 1 y	6	15		9	12	
> 1 y	3	57		7	53	
PDR s/p PPV	0	34		0	34	
BCVA (Log MAR)	0.15±0.16	0.14±0.24	0.854	0.08±0.11	0.15±0.25	0.197

PRP, Panretinal photocoagulation; PPV, Pars plana vitrectomy; DM, Diabetes Mellitus; BMI, Body Mass Index; SPK, Simultaneous Pancreas Kidney Transplantation; SPLK, Simultaneous Deceased Donor Pancreas and Living Donor Kidney Transplantation; PTA, Pancreas Transplantation Alone; PAK, Pancreas After Kidney Transplantation; ATG, Antithymocyte Globulin; DR, Diabetic Retinopathy; NPDR, Nonproliferative Diabetic Retinopathy; PDR, Nonproliferative Diabetic Retinopathy; BCVA, Best Corrected Visual Acuity.

**SDC, Table 2.** Comparison between eyes with early worsening of diabetic retinopathy after pancreas transplantation alone and those without early worsening.

	Total (N=51)	Eyes with progression (N=23)	Eyes w/o progression (N=28)	<i>p</i> value
<b>Demographic</b>				
Age, years	28.6±8.8	30.7±8.9	26.8±8.5	0.125
Sex				
Female, N (%)	18 (35.3)	9 (39.1)	9 (32.1)	0.603
Male, N (%)	33 (64.7)	14 (60.9)	19 (67.9)	
Type of DM				
Type 1, N (%)	47 (92.2)	21 (91.3)	26 (92.9)	0.617
Type 2, N (%)	4 (7.8)	2 (8.7)	2 (7.1)	
Age at onset of DM, years	17.8±8.0	16.8±7.0	18.7±8.7	0.417
DM duration, years	10.7±6.8	13.4±6.5	8.3±6.2	0.006
<b>Systemic</b>				
BMI, kg/m <sup>2</sup>	21.0±2.9	20.7±3.3	21.2±2.5	0.524
GFR				
Preop	93.8±30.6	81.8±31.9	104.5±25.6	0.007
Postop deterioration, N (%)	17 (33.3)	15 (65.2)	2 (7.1)	<0.001
HbA1C, %				
Preop	9.3±2.4	9.9±2.1	8.6±2.7	0.110
Postop 1M	6.5±1.2	6.7±1.3	6.4±1.1	0.338
Postop 6M	5.4±0.5	5.2±0.5	5.6±0.6	0.034
Changes 1M postop	2.7±1.8	3.2±1.5	2.2±2.1	0.270
Changes 6M postop	3.9±2.5	4.7±2.1	3.0±2.8	0.012
<b>Surgical</b>				
Drainage, N (%)				
Bladder	50 (98.0)	22 (95.7)	28 (100.0)	0.451
Enteric	1 (2.0)	1 (4.3)	0 (0.0)	
Induction regimen, N (%)				
ATG	49 (96.1)	22 (95.7)	27 (96.4)	0.469

Basiliximab	2 (3.9)	1 (4.3)	1 (3.6)	
Steroid regimen, N (%)				
Withdrawal	49 (96.1)	22 (95.7)	27 (96.4)	0.196
Maintenance	2 (3.9)	1 (4.3)	1 (3.6)	
<b>Ocular</b>				
Baseline severity of DR, N (%)				
No DR	19 (37.3)	3 (13.0)	16 (57.1)	0.001
Mild-moderate NPDR	13 (25.5)	6 (26.1)	7 (25.0)	
Severe NPDR	2 (3.9)	2 (8.7)	0 (0.0)	
Severe NPDR-PDR s/p PRP				
≤ 1 y	8 (15.7)	8 (34.8)	0 (0.0)	
> 1 y	8 (15.7)	4 (17.4)	4 (14.3)	
PDR s/p PPV	1 (2.0)	0 (0.0)	1 (3.6)	
BCVA (Log MAR)	0.10±0.13	0.13±0.14	0.06±0.11	0.100
BCVA (Log MAR) fellow eye	0.32±0.53	0.42±0.65	0.25±0.34	0.120

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DM, Diabetes Mellitus; BMI, Body Mass Index; GFR, Glomerular Filtration Rate; ATG, Antithymocyte Globulin; DR, Diabetic Retinopathy; NPDR, Nonproliferative Diabetic Retinopathy; PDR, Nonproliferative Diabetic Retinopathy; PRP, Panretinal photocoagulation; PPV, Pars plana vitrectomy; BCVA, Best Corrected Visual Acuity.