

Adult Islet Allografts in Insulin Requiring Diabetic Recipients

(including type 2 diabetes and cystic fibrosis or hemochromatosis. Patients with type 1 or pancreatotomy induced diabetes are not considered herein)

• No. of all cases from 1974 through Dec. 31, 1995	13
• No. of 1:1 transplant cases from 1974 through Dec. 31, 1995	10
• Insulin independence (all cases)	3 / 13
• Insulin independence at ≥ 1 yr	2 / 13
• Insulin independence following 1:1 transplantation	3 / 10
• Insulin independence following 1:1 transplantation at ≥ 1 yr	2 / 10
• Longest follow-up of insulin independence	1.5 years

Summary of Adult Islet Allografts in "Insulin Requiring" Recipients According to Institution and Year through December 31, 1995

Institution (Islet Transplantation/ Islet Isolation)	Year of Transplantation							Σ
	<90	90	91	92	93	94	95	
• Miami	-	-	-	-	-	2	3	5
• Pittsburgh	-	1	1	-	-	-	-	2
• Geneva	-	-	-	-	-	1	-	1
• Milan	-	-	-	1	-	-	-	1
• Minneapolis	-	-	1	-	-	-	-	1
• Oxford	-	-	-	-	-	-	1	1
• Perugia	1	-	-	-	-	-	-	1
• San Francisco / Los Angeles (UCLA-VA)	-	-	-	-	-	-	1	1
Σ								13

Adult Islet Allografts in Patients with IRDM

"Insulin Requiring"* Recipients of Adult Islet Allografts Summary of Insulin-Independent Cases through Dec 31, 1995 (1)

Institution	Year of Tx	Previous Pancreas/ Islet Tx	Pre-Tx C-Pept. (ng/mL)	No. of Donors		IEQ / kg	Purity (%)	Period of Insulin Independence Days Post Tx	
				Fresh	Cryo				
Miami	1994	-	S 6.12	1	0	9,157	30	202	> 562
Miami	1995	-	B 6.00	1	0	4,177	50	17	366
Miami	1995	-	B 3.16	1	0	3,030	50	91	142

* Including type 2 diabetes and diabetes secondary to cystic fibrosis or hemochromatosis. Patients with type 1 diabetes and with pancreatectomy-induced diabetes are not considered herein.
S: Stimulated B: Basal IEQ: Islet Equivalentents (150 μ m islets)

"Insulin Requiring"* Recipients of Adult Islet Allografts Summary of Insulin-Independent Cases through Dec 31, 1995 (2)

Institution	Year of Tx	Site of Tx	Recipient Category	# of Shared HLA-Ag		Immunosuppression	
				AB	DR	Induction	Maintenance
Miami	1994	liver	SIKL-BM	0	0	S+T	T
Miami	1995	liver	SIL-BM	1	1	S+T	S+T
Miami	1995	liver	SIL-BM	0	0	S+T	S+T

* Including type 2 diabetes and diabetes secondary to cystic fibrosis or hemochromatosis. Patients with type 1 diabetes and with pancreatectomy-induced diabetes are not considered herein.
S: Steroids SIKL-BM: Simultaneous Islet Kidney Liver + Bone Marrow
T: Tacrolimus SIL-BM: Simultaneous Islet Liver + Bone Marrow