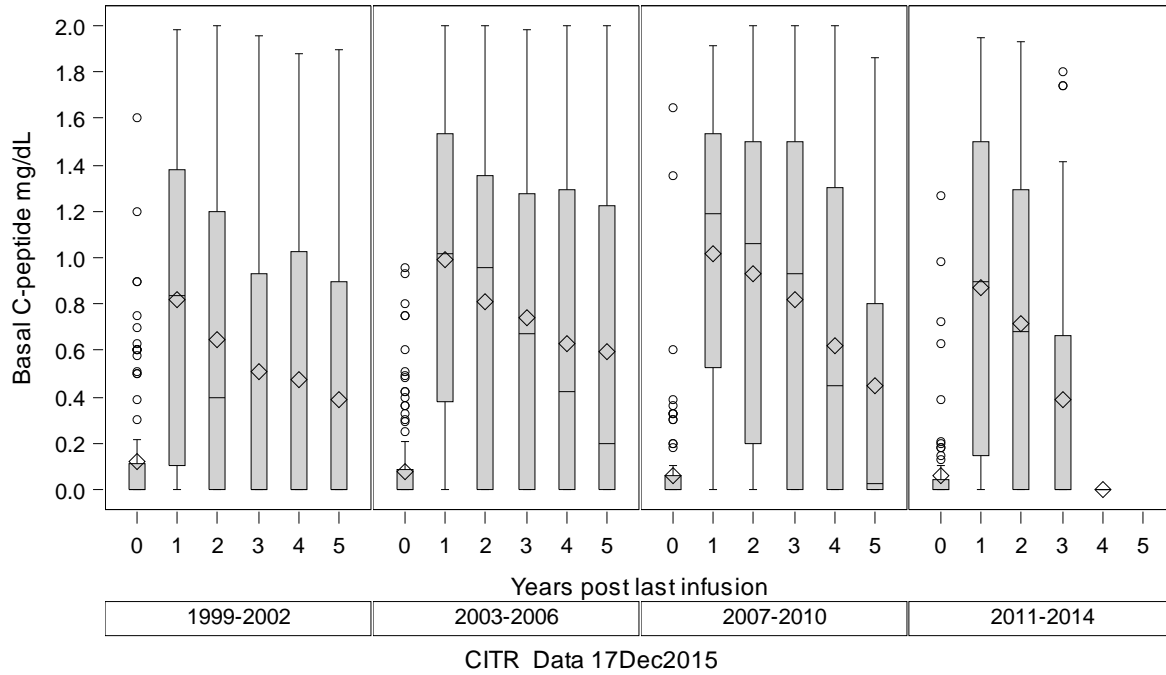


Exhibit A-10a. ITA Fasting C-peptide levels post last infusion (box plots and generalized estimating equations)

Basal C-peptide (mg/dL) by Era



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

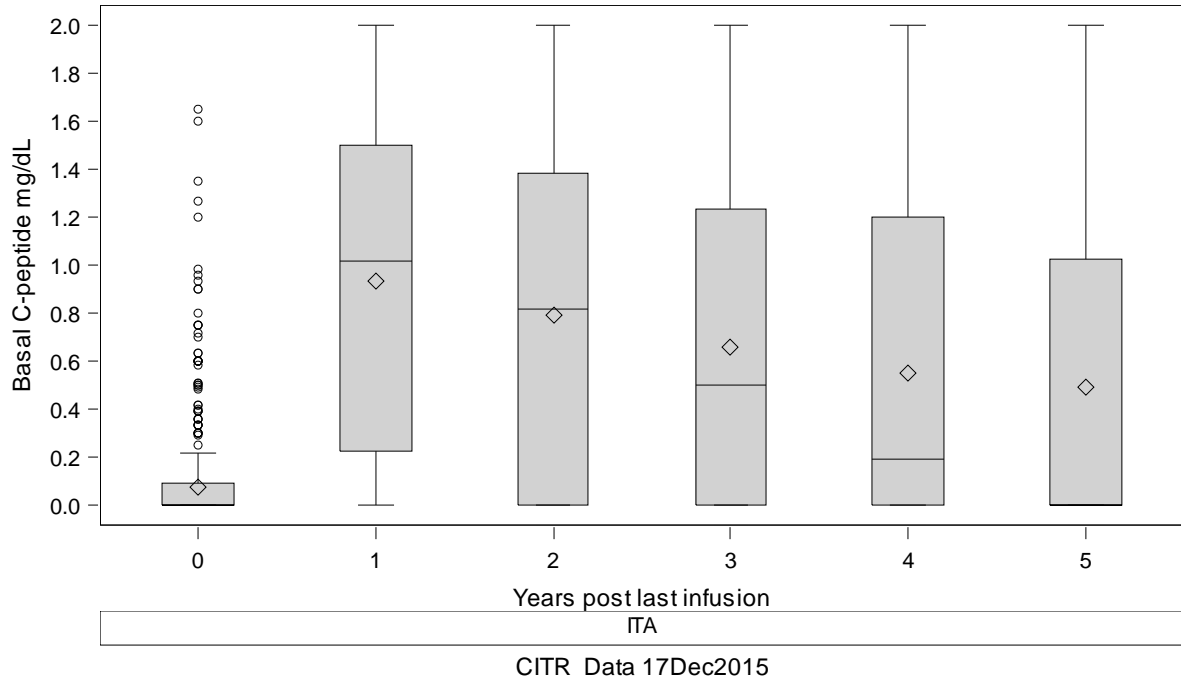
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	-0.3288	0.1049	-0.5344	-0.1231	-3.13	0.0017
era	0.0517	0.0392	-0.0253	0.1286	1.32	0.1880
yrspli	-0.0323	0.0111	-0.0541	-0.0106	-2.91	0.0036

	1			2			3			4			5		
	bcpep_			bcpep_			bcpep_			bcpep_			bcpep_		
	N	Mea	SE	N	Mea	SE	N	Mea	SE	N	Mea	SE	N	Mea	SE
Era															
1999-2002	123	1.3	0.1	113	1.0	0.1	111	0.9	0.1	109	0.7	0.1	106	0.5	0.1
2003-2006	170	1.3	0.1	161	1.1	0.1	144	1.0	0.1	137	0.9	0.1	127	0.8	0.1
2007-2010	147	1.4	0.1	128	1.2	0.1	90	1.2	0.1	66	0.8	0.1	55	0.7	0.1
2011-2014	119	1.4	0.1	83	1.0	0.1	31	0.4	0.1	10	0.0	0.0	.	.	.

Exhibit A-10a. ITA Fasting C-peptide levels post last infusion (box plots and generalized estimating equations)

Basal C-peptide (mg/dL) by Transplant type



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

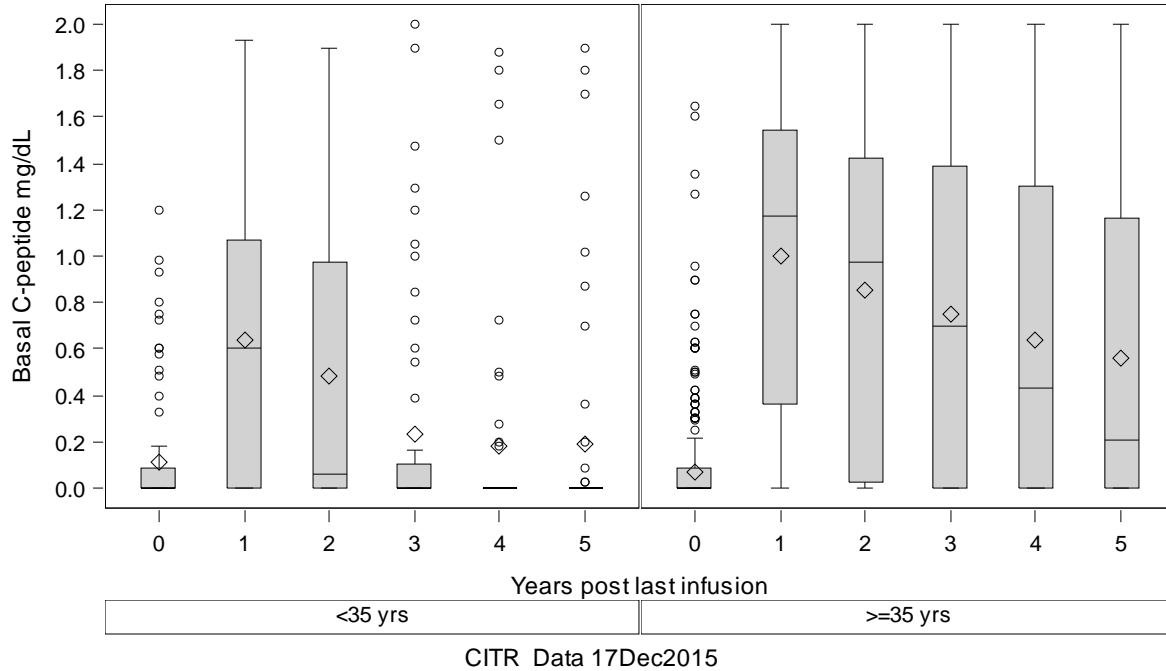
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	-0.1985	0.0334	-0.2639	-0.1330	-5.94	<.0001
typeoftran	0.0000	0.0000	0.0000	0.0000	.	.
yrspli	-0.0385	0.0115	-0.0611	-0.0160	-3.35	0.0008

Transplant type	1			2			3			4			5		
	bcpep_			bcpep_			bcpep_			bcpep_			bcpep_		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
ITA	559	1.4	0.0	485	1.1	0.0	376	1.0	0.1	322	0.8	0.1	288	0.7	0.1

Exhibit A-10a. ITA Fasting C-peptide levels post last infusion (box plots and generalized estimating equations)

Basal C-peptide (mg/dL) by Recipient age



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

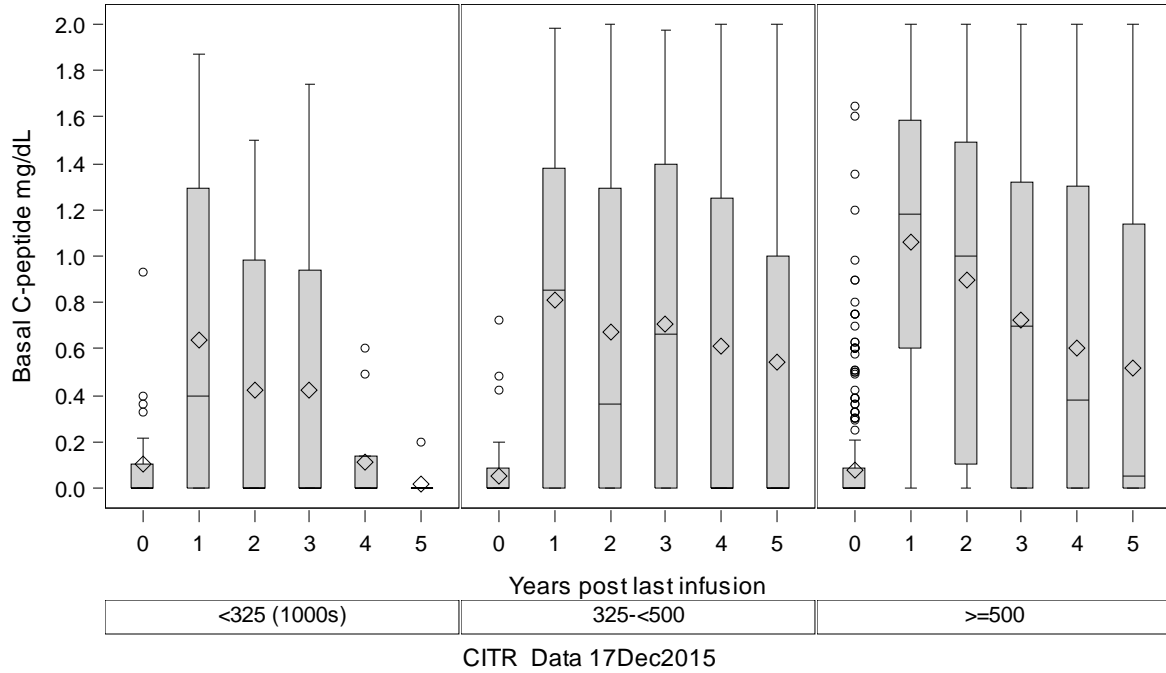
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	-1.5401	0.3073	-2.1424	-0.9378	-5.01	<.0001
age_c	0.7063	0.1562	0.4001	1.0125	4.52	<.0001
yrspli	-0.0304	0.0119	-0.0536	-0.0072	-2.56	0.0104

Recipient age	1			2			3			4			5		
	bcpep_			bcpep_			bcpep_			bcpep_			bcpep_		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
<35 yrs	91	1.0	0.1	78	0.7	0.1	63	0.4	0.1	54	0.3	0.1	54	0.3	0.1
>=35 yrs	468	1.4	0.0	407	1.2	0.1	313	1.1	0.1	268	0.9	0.1	234	0.8	0.1

Exhibit A-10a. ITA Fasting C-peptide levels post last infusion (box plots and generalized estimating equations)

Basal C-peptide (mg/dL) by Total IEQs all infusions



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

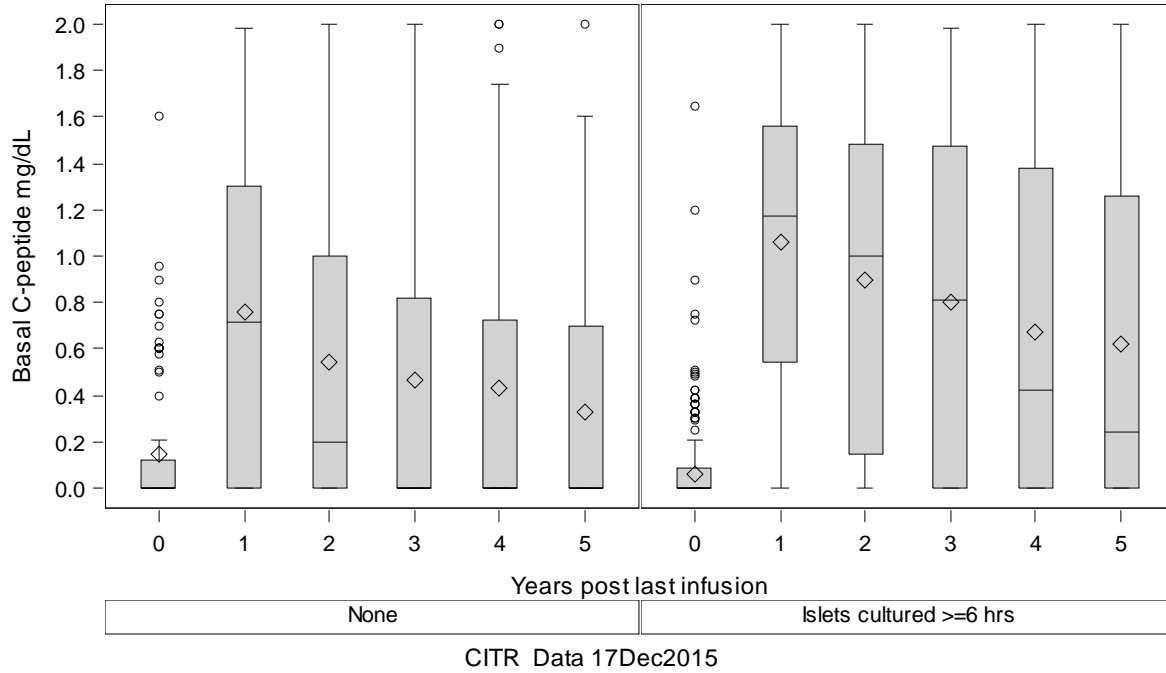
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	-1.2581	0.2978	-1.8418	-0.6743	-4.22	<.0001
ieqinf_c	0.3987	0.1020	0.1987	0.5987	3.91	<.0001
yrspli	-0.0405	0.0120	-0.0639	-0.0170	-3.38	0.0007

	1			2			3			4			5		
	<i>bcpep_</i>			<i>bcpep_</i>			<i>bcpep_</i>			<i>bcpep_</i>			<i>bcpep_</i>		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
Total IEQs all infusions															
<325 (1000s)	28	0.8	0.2	18	0.4	0.1	14	0.4	0.2	11	0.1	0.1	10	0.0	0.0
325-<500	62	1.1	0.1	55	0.7	0.1	40	0.9	0.2	35	0.9	0.2	32	0.7	0.2
>=500	415	1.5	0.0	363	1.3	0.1	277	1.1	0.1	243	0.9	0.1	223	0.7	0.1

Exhibit A-10a. ITA Fasting C-peptide levels post last infusion (box plots and generalized estimating equations)

Basal C-peptide (mg/dL) by Cultured>6h



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

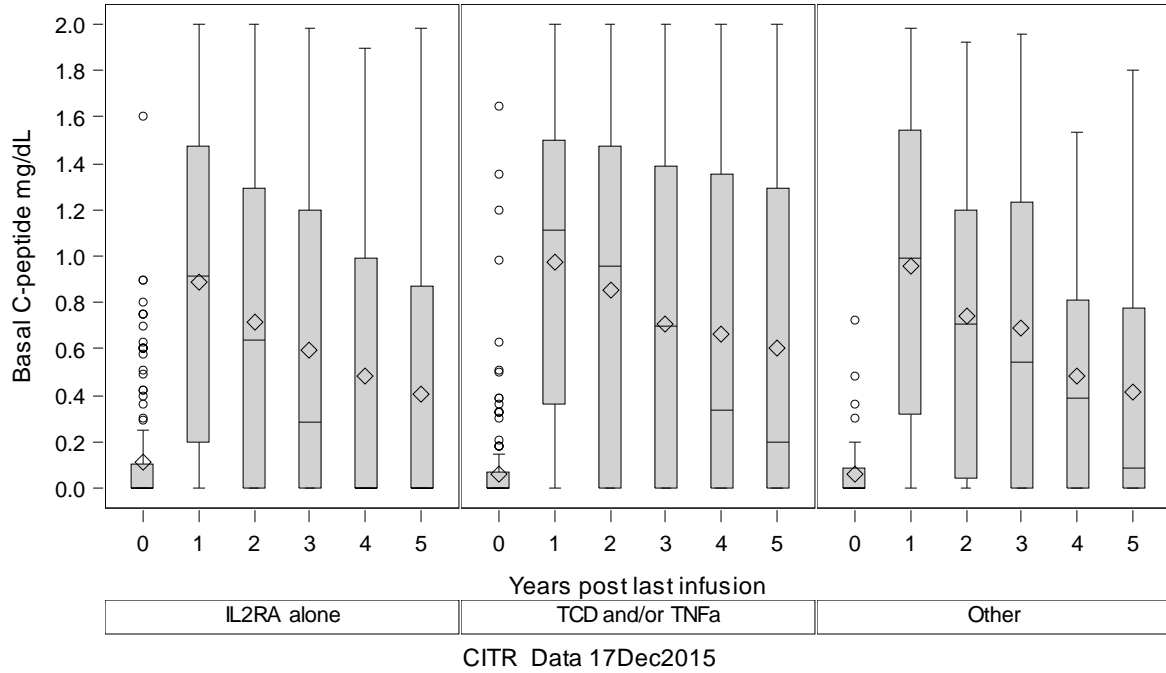
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	-0.5392	0.1404	-0.8143	-0.2641	-3.84	0.0001
cultured_	0.4739	0.1481	0.1837	0.7641	3.20	0.0014
yrspli	-0.0283	0.0128	-0.0535	-0.0032	-2.21	0.0274

	1			2			3			4			5		
	bcpep_			bcpep_			bcpep_			bcpep_			bcpep_		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
Cultured>6h															
None	91	1.0	0.1	85	0.9	0.1	83	0.7	0.1	79	0.6	0.1	75	0.4	0.1
Islets cultured >=6 hrs	293	1.5	0.1	248	1.2	0.1	201	1.2	0.1	177	1.0	0.1	159	0.8	0.1

Exhibit A-10a. ITA Fasting C-peptide levels post last infusion (box plots and generalized estimating equations)

Basal C-peptide (mg/dL) by Induction



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

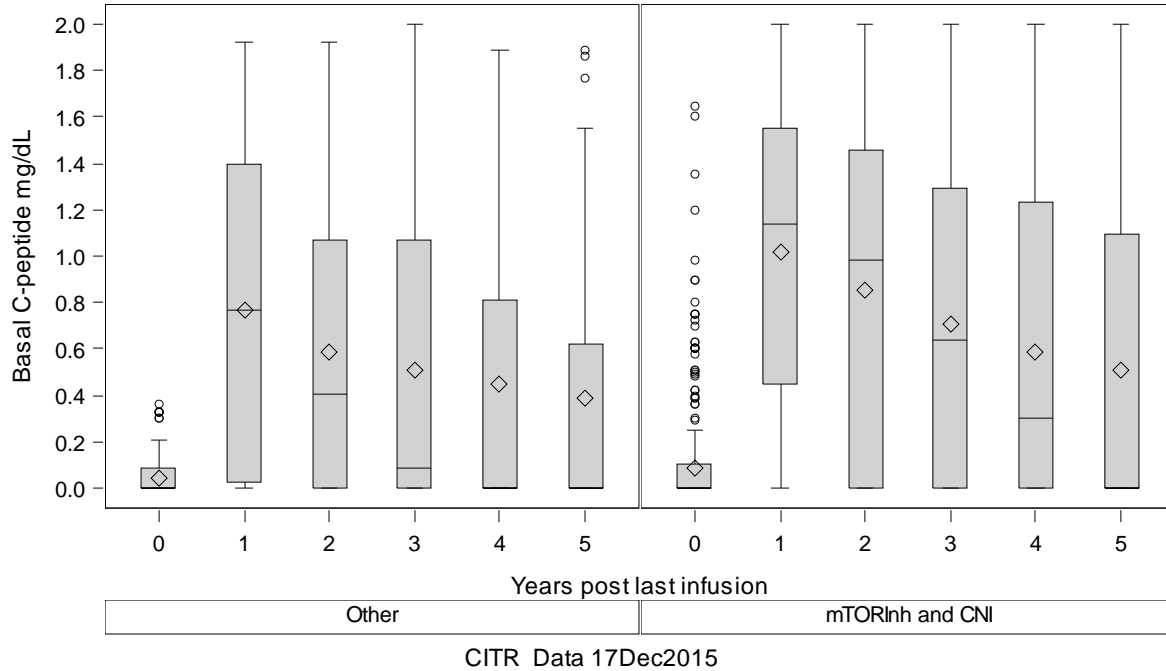
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	-0.2578	0.0653	-0.3858	-0.1298	-3.95	<.0001
inducco	0.0752	0.0625	-0.0472	0.1977	1.20	0.2286
yrspli	-0.0379	0.0113	-0.0601	-0.0157	-3.35	0.0008

Induction	1			2			3			4			5		
	bcpep_			bcpep_			bcpep_			bcpep_			bcpep_		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
IL2RA alone	171	1.2	0.1	159	1.0	0.1	152	0.9	0.1	146	0.7	0.1	140	0.6	0.1
TCD and/or TNFa	262	1.4	0.1	219	1.2	0.1	148	1.0	0.1	124	1.0	0.1	110	0.8	0.1
Other	90	1.4	0.1	72	1.1	0.1	57	1.1	0.2	44	0.6	0.1	34	0.5	0.1

Exhibit A-10a. ITA Fasting C-peptide levels post last infusion (box plots and generalized estimating equations)

Basal C-peptide (mg/dL) by Maintenance



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	-0.3994	0.0949	-0.5854	-0.2135	-4.21	<.0001
<i>maint</i>	0.2812	0.1061	0.0731	0.4892	2.65	0.0081
<i>yrspli</i>	-0.0454	0.0114	-0.0678	-0.0231	-3.98	<.0001

	1			2			3			4			5		
	<i>bcpep_</i>			<i>bcpep_</i>			<i>bcpep_</i>			<i>bcpep_</i>			<i>bcpep_</i>		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
Maintenance															
Other	140	1.1	0.1	108	0.9	0.1	82	0.7	0.1	65	0.7	0.1	52	0.6	0.1
mTORInh and CNI	390	1.4	0.1	350	1.2	0.1	278	1.0	0.1	251	0.8	0.1	234	0.7	0.1