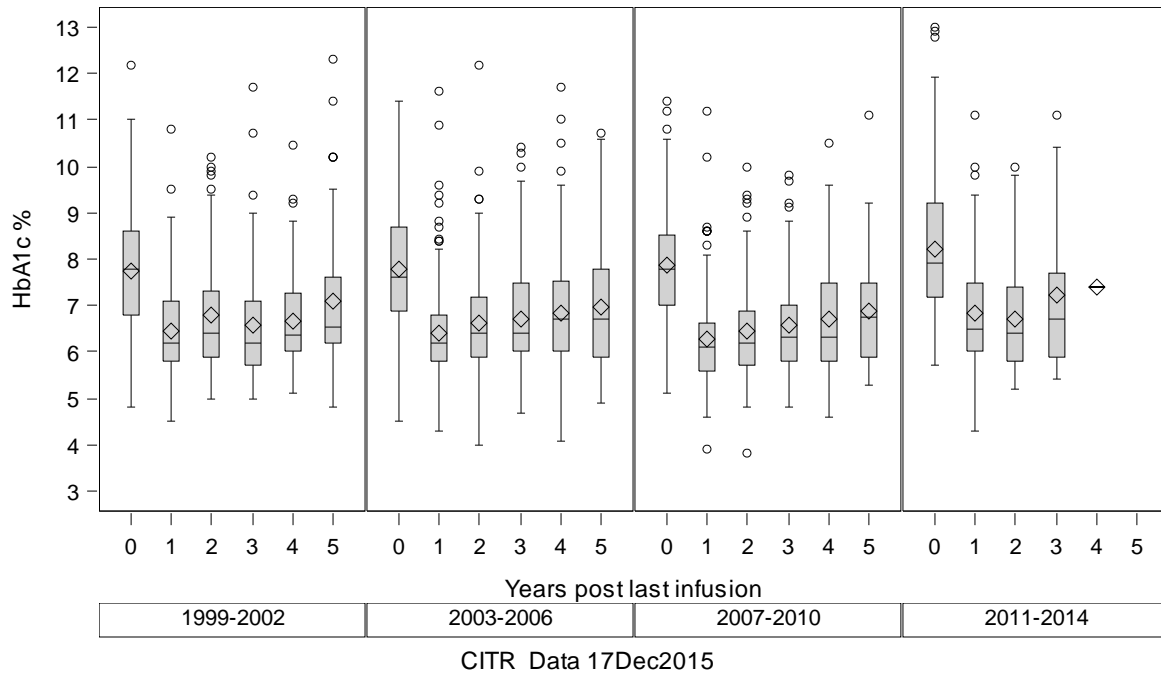


Exhibit A-11a. ITA HbA1c levels post last infusion (boxplots and generalized estimating equations)

HbA1c (%) by Era



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

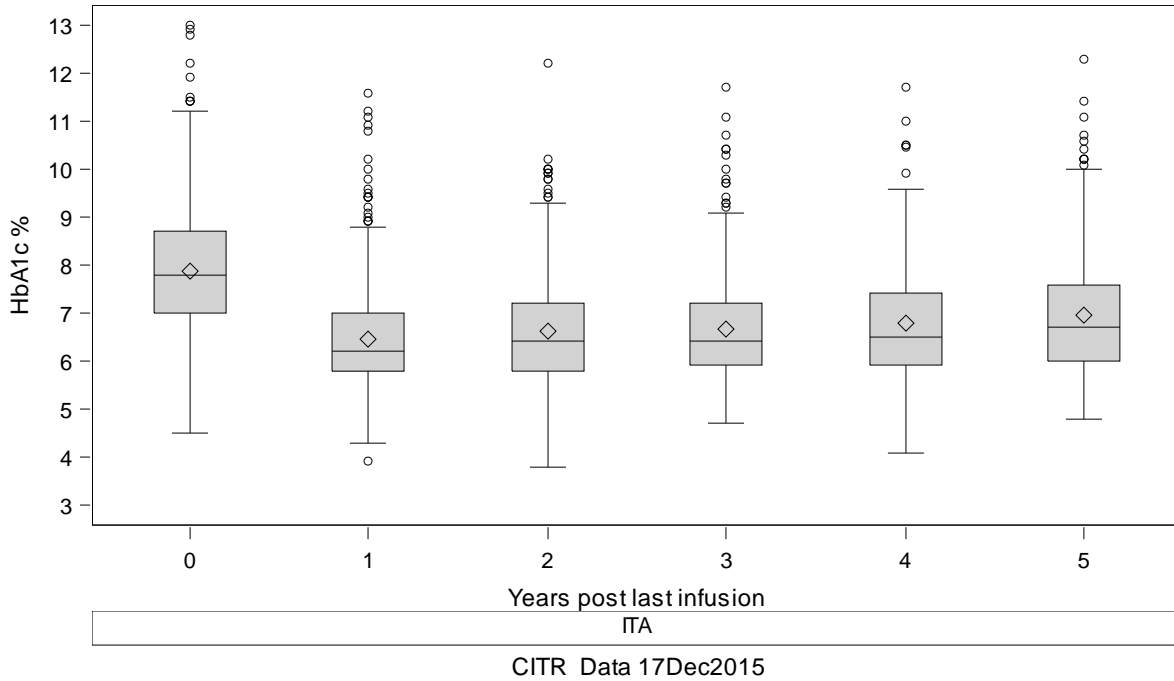
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
<i>Intercept</i>	1.9519	0.0170	1.9185	1.9852	114.59	<.0001
<i>era</i>	0.0061	0.0065	-0.0067	0.0189	0.93	0.3502
<i>yrspli</i>	-0.0058	0.0025	-0.0107	-0.0009	-2.31	0.0210

	1			2			3			4			5		
	<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>		
	<i>N</i>	<i>Mea</i> <i>n</i>	<i>SE</i>	<i>N</i>	<i>Mea</i> <i>n</i>	<i>SE</i>	<i>N</i>	<i>Mea</i> <i>n</i>	<i>SE</i>	<i>N</i>	<i>Mea</i> <i>n</i>	<i>SE</i>	<i>N</i>	<i>Mea</i> <i>n</i>	<i>SE</i>
Era															
1999-2002	111	6.4	0.1	91	6.8	0.1	78	6.6	0.1	70	6.9	0.2	67	7.2	0.2
2003-2006	176	6.4	0.1	158	6.6	0.1	138	6.8	0.1	125	6.9	0.1	103	7.0	0.1
2007-2010	139	6.3	0.1	114	6.5	0.1	86	6.6	0.1	63	6.7	0.2	35	6.9	0.2
2011-2014	95	6.8	0.1	61	6.7	0.1	19	7.2	0.4	1	7.4

Exhibit A-11a. ITA HbA1c levels post last infusion (boxplots and generalized estimating equations)

HbA1c (%) by Transplant type



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

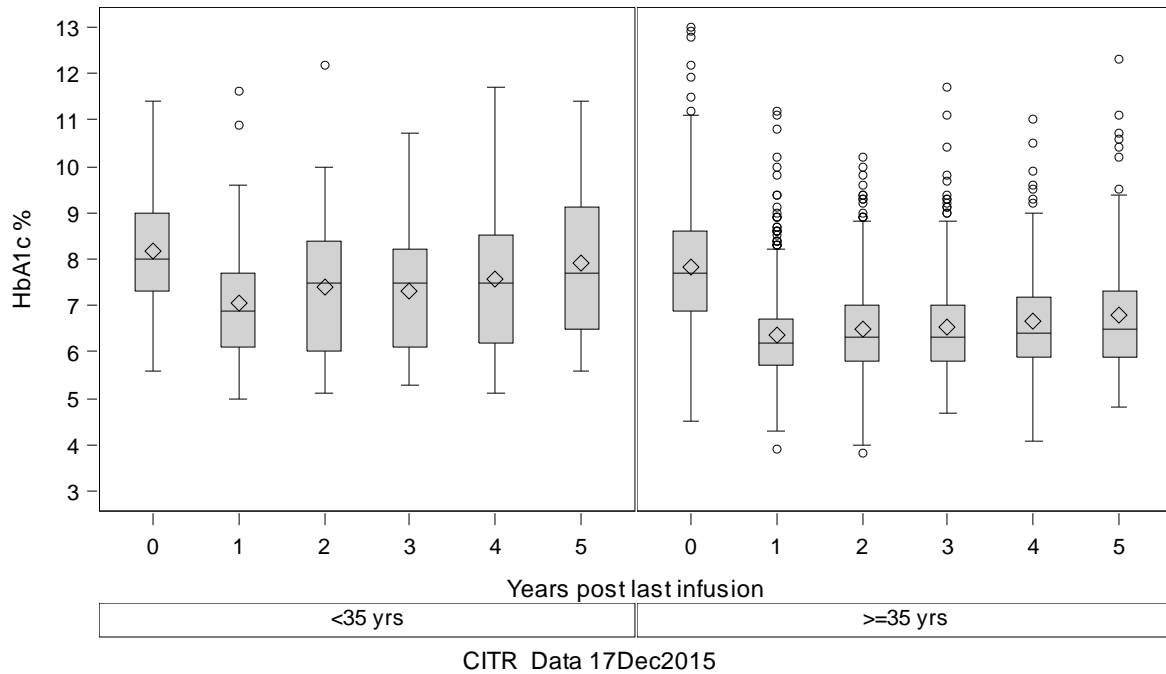
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	1.9674	0.0066	1.9545	1.9802	299.72	<.0001
typeoftran	0.0000	0.0000	0.0000	0.0000	.	.
yrspli	-0.0066	0.0027	-0.0119	-0.0013	-2.43	0.0152

Transplant type	1			2			3			4			5		
	hba1c_			hba1c_			hba1c_			hba1c_			hba1c_		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
ITA	521	6.5	0.0	424	6.6	0.1	321	6.7	0.1	259	6.9	0.1	205	7.0	0.1

Exhibit A-11a. ITA HbA1c levels post last infusion (boxplots and generalized estimating equations)

HbA1c (%) by Recipient age



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

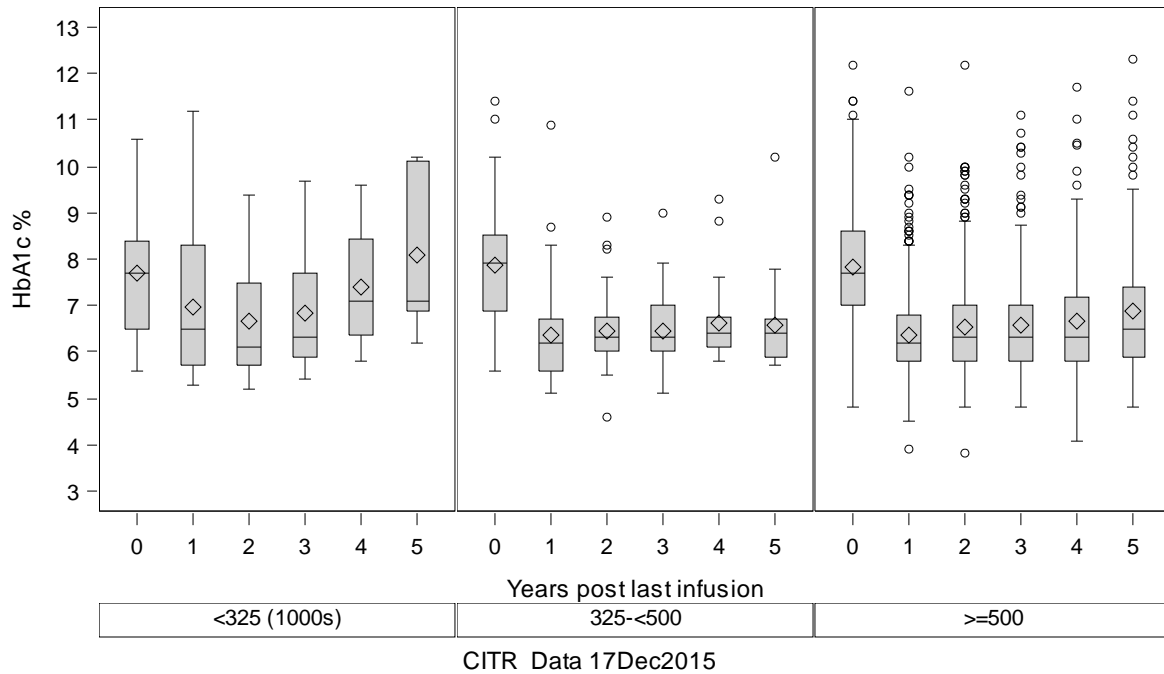
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	2.1839	0.0431	2.0995	2.2684	50.69	<.0001
age_c	-0.1182	0.0235	-0.1643	-0.0721	-5.03	<.0001
yrspli	-0.0062	0.0026	-0.0113	-0.0011	-2.40	0.0165

Recipient age	1			2			3			4			5		
	hba1c_			hba1c_			hba1c_			hba1c_			hba1c_		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
<35 yrs	80	7.0	0.1	63	7.4	0.2	47	7.3	0.2	39	7.9	0.3	32	8.1	0.3
>=35 yrs	441	6.4	0.0	361	6.5	0.1	274	6.6	0.1	220	6.7	0.1	173	6.8	0.1

Exhibit A-11a. ITA HbA1c levels post last infusion (boxplots and generalized estimating equations)

HbA1c (%) by Total IEQs all infusions



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

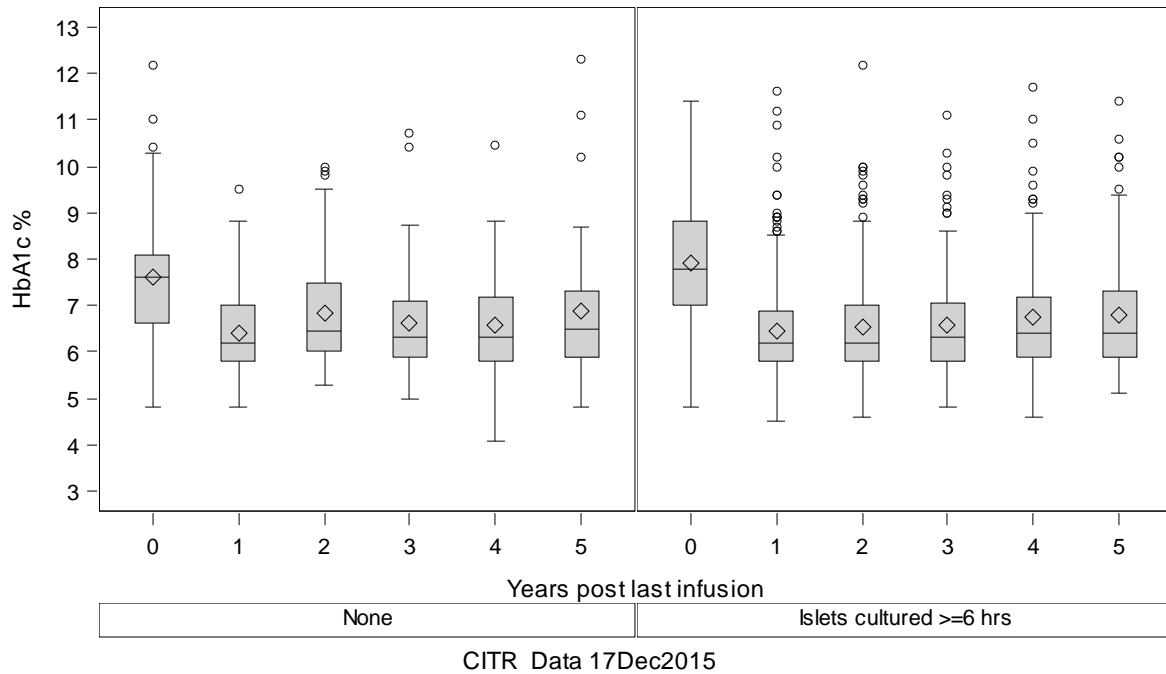
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	1.9743	0.0450	1.8861	2.0625	43.87	<.0001
ieqinf_c	-0.0089	0.0157	-0.0397	0.0219	-0.57	0.5704
yrspli	-0.0043	0.0029	-0.0098	0.0013	-1.49	0.1358

	1		2		3		4		5						
	hba1c_		hba1c_		hba1c_		hba1c_		hba1c_						
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE			
Total IEQs all infusions															
<325 (1000s)	21	7.0	0.4	13	6.7	0.4	10	6.8	0.4	8	7.4	0.5	5	8.1	0.9
325-<500	50	6.4	0.1	40	6.5	0.1	29	6.5	0.2	24	6.6	0.2	21	6.6	0.2
>=500	388	6.4	0.1	320	6.6	0.1	242	6.6	0.1	197	6.8	0.1	154	6.9	0.1

Exhibit A-11a. ITA HbA1c levels post last infusion (boxplots and generalized estimating equations)

HbA1c (%) by Cultured>6h



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

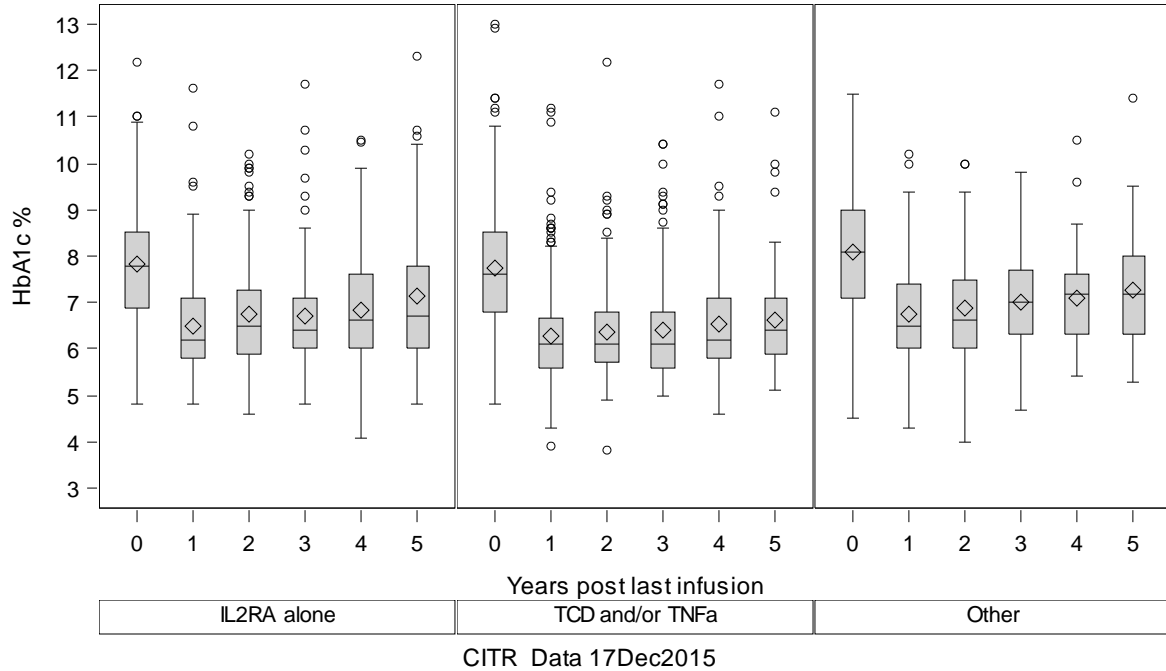
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	1.9452	0.0175	1.9109	1.9794	111.31	<.0001
cultured_	0.0116	0.0209	-0.0294	0.0526	0.55	0.5797
yrspli	-0.0044	0.0030	-0.0104	0.0015	-1.46	0.1450

	1			2			3			4			5		
	<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
Cultured>6h															
None	80	6.4	0.1	66	6.8	0.1	53	6.6	0.2	45	6.6	0.2	39	6.9	0.3
Islets cultured >=6 hrs	283	6.4	0.1	227	6.6	0.1	173	6.6	0.1	146	6.9	0.1	118	6.9	0.1

Exhibit A-11a. ITA HbA1c levels post last infusion (boxplots and generalized estimating equations)

HbA1c (%) by Induction



The GENMOD Procedure

Analysis Of GEE Parameter Estimates

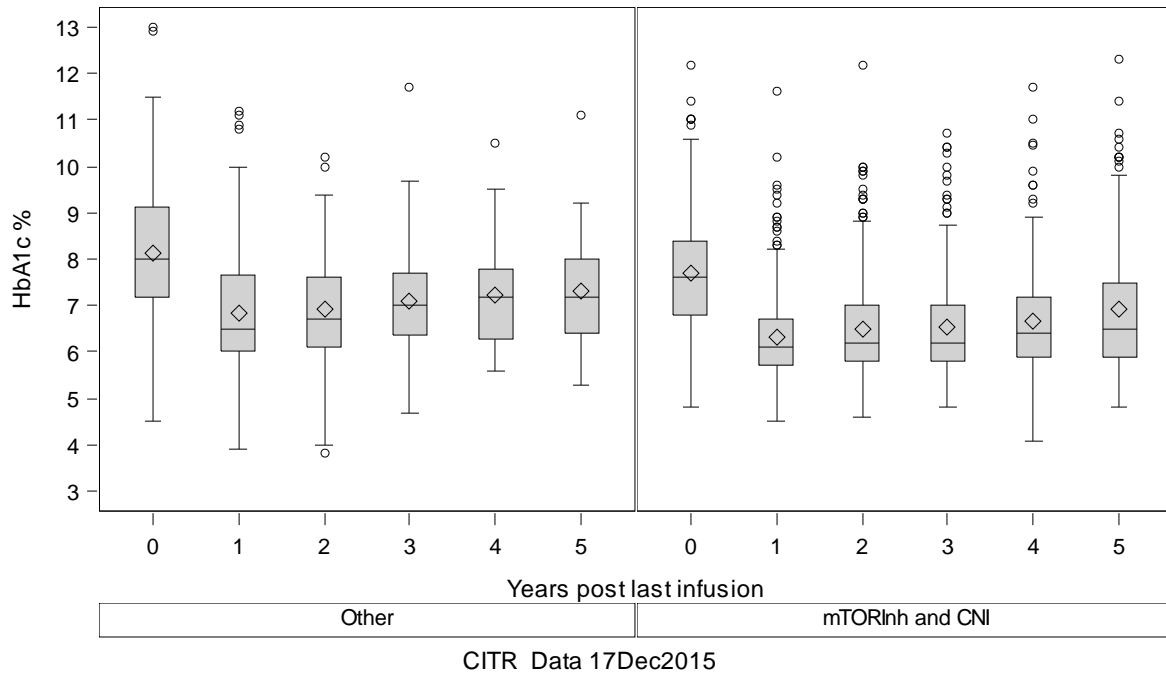
Empirical Standard Error Estimates

Parameter	Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept	1.9575	0.0117	1.9346	1.9804	167.48	<.0001
inducco	0.0038	0.0104	-0.0167	0.0243	0.36	0.7159
yrspli	-0.0052	0.0027	-0.0105	0.0001	-1.93	0.0542

Induction	1			2			3			4			5		
	hba1c_			hba1c_			hba1c_			hba1c_			hba1c_		
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
IL2RA alone	157	6.5	0.1	129	6.8	0.1	113	6.8	0.1	96	7.0	0.2	85	7.2	0.2
TCD and/or TNFa	220	6.3	0.1	181	6.4	0.1	129	6.4	0.1	111	6.6	0.1	77	6.6	0.1
Other	107	6.8	0.1	84	6.9	0.1	63	7.0	0.1	47	7.3	0.2	39	7.3	0.2

Exhibit A-11a. ITA HbA1c levels post last infusion (boxplots and generalized estimating equations)

HbA1c (%) 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	2.0067	0.0116	1.9840	2.0294	173.28	<.0001
<i>maint</i>	-0.0682	0.0133	-0.0943	-0.0421	-5.12	<.0001
<i>yrspli</i>	-0.0029	0.0026	-0.0080	0.0021	-1.14	0.2535

Maintenance	1		2			3			4			5			
	<i>hba1c_</i>		<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>			<i>hba1c_</i>			
	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE	N	Mea n	SE
Other	140	6.8	0.1	102	6.9	0.1	64	7.1	0.1	48	7.2	0.2	39	7.3	0.2
mTORInh and CNI	355	6.3	0.1	302	6.5	0.1	246	6.6	0.1	208	6.8	0.1	164	6.9	0.1