

**Table 62**      **Glucose regulation data, change from randomization to end of treatment (randomized safety population)**

		Randomized treatment		Assigned mood stabilizer			
		QTP+ LI/VAL N = 310	PLA+ LI/VAL N = 313	QTP+ LI N = 131	PLA+ LI N = 134	QTP+ VAL N = 179	PLA+ VAL N = 179
Glucose (mg/dL)							
N <sup>a</sup>		278	282	118	118	160	164
Randomization	Mean(SD)	93.57(18.459)	92.79(21.370)	93.83(19.225)	92.90(15.385)	93.38(17.932)	92.71(24.846)
End of treatment	Mean(SD)	99.68(57.054)	93.08(19.577)	99.82(35.500)	93.52(19.106)	99.57(68.874)	92.76(19.962)
Change	Mean(SD)	6.11(54.526)	0.29(22.597)	5.99(34.190)	0.62(17.385)	6.19(65.721)	0.05(25.752)
	Median	1.00	0.00	3.50	0.00	0.50	1.00
	Min to Max	-84.00 to 776.00	-121.00 to 87.00	-84.00 to 287.00	-52.00 to 75.00	-81.00 to 776.00	-121.00 to 87.00
HbA1C (%)							
N <sup>a</sup>		278	280	121	116	157	164
Randomization	Mean(SD)	5.42(0.672)	5.38(0.659)	5.24(0.509)	5.19(0.482)	5.56(0.747)	5.52(0.733)
End of treatment	Mean(SD)	5.62(0.820)	5.41(0.580)	5.43(0.706)	5.24(0.405)	5.76(0.874)	5.53(0.652)
Change	Mean(SD)	0.20(0.515)	0.03(0.401)	0.19(0.375)	0.04(0.363)	0.20(0.603)	0.01(0.426)
	Median	0.20	0.00	0.20	0.00	0.10	0.00
	Min to Max	-2.60 to 3.20	-2.80 to 2.30	-0.70 to 2.00	-2.10 to 1.40	-2.60 to 3.20	-2.80 to 2.30
Insulin (pmol/L)							
N <sup>a</sup>		248	255	106	103	142	152
Randomization	Mean(SD)	156.16(171.317)	151.77(171.654)	147.68(146.945)	145.73(166.399)	162.49(187.722)	155.87(175.552)
End of treatment	Mean(SD)	188.63(201.983)	171.20(238.199)	187.87(165.924)	163.62(176.921)	189.20(225.754)	176.33(272.456)

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		QTP+ LI/VAL N = 310	PLA+ LI/VAL N = 313	QTP+ LI N = 131	PLA+ LI N = 134	QTP+ VAL N = 179	PLA+ VAL N = 179
Change	Mean(SD)	32.48(181.691)	19.42(256.848)	40.19(192.725)	17.89(204.534)	26.72(173.468)	20.46(287.592)
	Median	7.00	0.00	7.00	0.00	7.00	0.00
	Min to Max	-771.00 to 729.00	-945.00 to 2125.00	-771.00 to 660.00	-945.00 to 1049.00	-569.00 to 729.00	-944.00 to 2125.00
HOMA-R							
N <sup>a</sup>		246	248	105	101	141	147
Randomization	Mean(SD)	5.63(7.504)	5.57(9.124)	5.50(6.963)	5.31(8.026)	5.73(7.906)	5.76(9.830)
End of treatment	Mean(SD)	7.53(11.133)	6.79(12.378)	7.85(12.733)	6.11(8.504)	7.30(9.816)	7.25(14.461)
Change	Mean(SD)	1.91(10.749)	1.21(14.039)	2.35(13.567)	0.80(10.179)	1.57(8.074)	1.49(16.195)
	Median	0.25	0.05	0.51	0.03	0.22	0.09
	Min to Max	-41.47 to 103.32	-85.08 to 86.29	-41.47 to 103.32	-57.69 to 52.79	-30.68 to 33.99	-85.08 to 86.29
QUICKI							
N <sup>a</sup>		246	248	105	101	141	147
Randomization	Mean(SD)	0.3218(0.0403)	0.3251(0.0419)	0.3236(0.0421)	0.3250(0.0408)	0.3204(0.0390)	0.3252(0.0427)
End of treatment	Mean(SD)	0.3147(0.0436)	0.3209(0.0419)	0.3126(0.0443)	0.3204(0.0414)	0.3163(0.0432)	0.3213(0.0424)
Change	Mean(SD)	-0.0071(0.0413)	-0.0042(0.0407)	-0.0111(0.0436)	-0.0046(0.0381)	-0.0042(0.0394)	-0.0039(0.0424)
	Median	-0.0045	-0.0013	-0.0062	-0.0010	-0.0020	-0.0017
	Min to Max	-0.1477 to 0.1206	-0.1582 to 0.1246	-0.1477 to 0.0912	-0.1582 to 0.0724	-0.1421 to 0.1206	-0.1091 to 0.1246

<sup>a</sup> Number of patients with assessment at randomization and at least one assessment after randomization.  
PLA Placebo. QTP Quetiapine. LI Lithium. VAL Valproate. N Number of patients in treatment group. HbA1C Hemoglobin Alc.  
HOMA [insulin (uU/ml) x glucose (mmol/l)]/22.5. QUICKI 1/[log10(insulin n(uU/ml) + log10(glucose e(mg/dl))].  
/csre/dev/seroquel/d1447c00127/sp/output/tlf/t1103080416.rtf chem207.sas 10APR2007:14:26 luchen  
Table corresponds to [Table 11.3.8.4- 16](#).