

## Supplementary Online Content

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**eTable 1.** Least squares means scores with (standard errors) for cognitive and functional outcome measures

**eTable 2.** Mean baseline and month 4 CSF A $\beta$ 42, tau, and tau/A $\beta$ 42 ratios with (standard errors) for placebo and combined insulin-treated groups

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1. Least squares means scores\* with (standard errors) for cognitive and functional outcome measures**

	Placebo	20 IU Insulin	40 IU Insulin
Delayed Story Recall			
Baseline	11.87 (1.5)	9.41 (1.3)	9.99 (1.3)
Month 2	11.40 (1.5)	11.09 (1.4)	10.27 (1.4)
Month 4	11.27 (1.5)	11.31 (1.4)	9.73 (1.3)
Month 6	10.25 (1.7)	11.03 (1.5)	11.01 (1.5)
DSRS			
Baseline	7.20 (1.1)	7.12 (1.0)	8.16 (1.1)
Month 2	7.79 (1.1)	6.44 (1.0)	7.73 (1.1)
Month 4	8.55 (1.2)	7.39 (1.1)	7.73 (1.1)
Month 6	7.57 (1.3)	7.22 (1.1)	7.87 (1.2)
ADAS-Cog			
Baseline	10.42 (1.5)	11.08 (1.3)	11.86 (1.3)
Month 2	11.01 (1.5)	11.04 (1.4)	11.14 (1.4)
Month 4	11.37 (1.6)	11.36 (1.4)	12.45 (1.4)
Month 6	11.62 (1.6)	10.98 (1.4)	11.61 (1.4)
ADCS-ADL			
Baseline	43.44 (1.1)	44.62 (1.0)	43.85 (1.0)
Month 2	42.36 (1.1)	44.16 (1.0)	44.29 (1.0)
Month 4	40.65 (1.2)	43.58 (1.1)	43.30 (1.1)
Month 6	41.41 (1.3)	44.67 (1.1)	43.39 (1.1)

\*All means are adjusted for age. ADAS-Cog scores are further adjusted for interaction between age and treatment group, and ADCS-ADL scores are further adjusted for interaction between diagnosis and treatment group.

**eTable 2. Mean baseline and month 4 CSF A $\beta$ 42, tau, and tau/A $\beta$ 42 ratios with (standard errors) for placebo and combined insulin-treated groups.**

	Placebo (n=8)	Insulin (n=15)
A $\beta$ 42 (pg/ml)		
Baseline	257.85 (35.17)	184.72 (25.65)
Month 4	247.13 (34.13)	175.03 (24.89)
tau		
Baseline	152.45 (32.58)	133.41 (23.76)
Month 4	154.61 (31.40)	131.21 (22.90)
tau/A $\beta$ 42 ratio		
Baseline	0.81 (.21)	0.83 (.16)
Month 4	0.81 (.22)	0.87 (.16)