



# THE JOURNAL OF CLINICAL PSYCHIATRY

THE OFFICIAL JOURNAL OF THE AMERICAN SOCIETY OF CLINICAL PSYCHOPHARMACOLOGY

## **Supplementary Material**

**Article Title:** Recombinant Human Erythropoietin to Target Cognitive Dysfunction in Bipolar Disorder: A Double-Blind, Randomized, Placebo-Controlled, Phase 2 Trial

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**DOI Number:** 10.4088/JCP.13m08839

### **List of Supplementary Material for the article**

1. [eTable 1](#) Blood parameters

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**Supplementary eTable 1.** Blood parameters (N=43; early trial termination for one patient (Saline) at week 5). Significant differences by *t*-test are marked in gray). Abbreviations: M mean; SD standard deviation; EPO, erythropoietin; GAF. \*Degrees of freedom (DF) are identical for time and time by group.

	Week 1 baseline M (SD)	Week 2 M (SD)	Week 3 M (SD)	Week 4 M (SD)	Week 5 M (SD)	Week 6 M (SD)	Week 7 M (SD)	Week 8 M (SD)	Week 9 M (SD)	Week 10 M (SD)	Week 14 M (SD)	Time (weeks 1-9) Time (weeks 1-9) by group P-value	Time (weeks 1-14) Time (weeks 1-14) by group P-value
<i>Hemoglobin</i>													
EPO (N=23)	8.6 (0.8)	8.7 (0.9)	8.9 (1.1)	9.0 (0.9)	9.1 (1.0)	9.1 (1.0)	9.3 (1.1)	9.2 (1.1)	9.3 (1.1)	9.1 (1.1)	8.5 (0.9)	<0.0001	<0.0001
Saline (N=20)	8.6 (0.8)	8.4 (0.7)	8.5 (0.8)	8.5 (0.9)	8.5 (0.8)	8.5 (0.8)	8.4 (0.9)	8.4 (0.8)	8.5 (0.8)	8.4 (0.8)	8.5 (1.0)	(DF=8,328)*	(DF=10,390)*
<i>Thrombocytes</i>													
EPO (N=23)	257 (56)	286 (62)	279 (65)	280 (55)	292 (60)	302 (69)	300 (68)	288 (61)	292 (67)	272 (76)	245 (68)	<0.0001	<0.0001
Saline (N=20)	258 (64)	256 (68)	259 (63)	253 (61)	260 (56)	252 (49)	248 (63)	254 (61)	243 (60)	241 (60)	249 (46)	(DF=8,328)	(DF=10,390)
<i>Erythrocytes</i>													
EPO (N=23)	0.42 (0.03)	0.42 (0.03)	0.43 (0.04)	0.45 (0.04)	0.45 (0.04)	0.46 (0.04)	0.46 (0.04)	0.46 (0.04)	0.47 (0.04)	0.46 (0.05)	0.42 (0.03)	<0.0001	<0.0001
Saline (N=20)	0.41 (0.04)	0.41 (0.04)	0.41 (0.03)	0.41 (0.04)	0.41 (0.04)	0.41 (0.04)	0.41 (0.04)	0.41 (0.03)	0.41 (0.04)	0.41 (0.04)	0.40 (0.04)	(DF=8,328)	(DF=10,390)
<i>Iron</i>													
EPO (N=23)	17.8 (8.8)				20.5 (13.0)				16.2 (12.7)		20.3 (7.1)	0.26	0.37
Saline (N=20)	19.7 (9.1)				18.4 (8.2)				16.8 (6.8)		17.8 (5.9)	0.51 (DF=2,80)	0.63 (DF=3,117)