



THE JOURNAL OF CLINICAL PSYCHIATRY

THE OFFICIAL JOURNAL OF THE AMERICAN SOCIETY OF CLINICAL PSYCHOPHARMACOLOGY

Supplementary Material

Article Title: Inflammation and Cognitive Functioning in Depressed Older Adults Treated With Electroconvulsive Therapy: A Prospective Cohort Study

Author(s): Angela Carlier, MD; Didi Rhebergen, MD, PhD; Robert Veerhuis, PhD; Sigfried Schouws, PhD; Mardien L. Oudega, MD, PhD; Piet Eikelenboom, MD, PhD; Filip Bouckaert, MD, PhD; Pascal Sienaert, MD, PhD; Jasmien Obbels, MSc; Max L. Stek, MD, PhD; Eric van Exel, MD, PhD; and Annemiek Dols, MD, PhD

DOI Number: <https://doi.org/10.4088/JCP.20m13631>

List of Supplementary Material for the article

1. [Table 1](#) Group characteristics of older depressed patients with low (< 4.48 pg/ml) or high levels of TNF- α treated with ECT ($n = 96$).

Disclaimer

This Supplementary Material has been provided by the author(s) as an enhancement to the published article. It has been approved by peer review; however, it has undergone neither editing nor formatting by in-house editorial staff. The material is presented in the manner supplied by the author.

Supplementary Table 1. Group characteristics of older depressed patients with low (< 4.48 pg/ml) or high levels of TNF- α treated with ECT ($n = 96$).

	Low TNF- α $n = 56$	High TNF- α $n = 40$	p-value
Socio-demographics			
Age, years, mean (SD)	70.8 (7.7)	76.4 (7.7)	<0.01
Female, No. (%)	36 (64.3)	29 (72.5)	0.4
MMSE baseline, mean (SD), $n = 81$	25.5 (3.9)	21.7 (5.9)	<0.01
MMSE after ECT, mean (SD)	26.8 (3.6)	25.4 (4.0)	0.1
MADRS baseline, mean (SD)	33.9 (8.1)	33.7 (10.3)	0.9
Remission, No. (%)	39 (69.6)	25 (64.1)	0.6
Somatic morbidity			
Cardiovascular diseases, No (%)	9 (16.4)	13 (33.3)	0.1
No. of chronic diseases, median (IQR)	1.0 (1.0)	1.0 (1.0)	0.02
Current smoking, No. (%), $n = 82$	13 (30.2)	8 (21.6)	0.4
Current alcohol use, No. (%), $n = 91$	15 (27.3)	9 (25.7)	0.9
ECT characteristics			
ECT sessions, median (IQR)	10.5 (6.0)	11.5 (7.0)	0.8
Switch to bilateral ECT, No. (%)	15 (26.8)	14 (35.0)	0.6
Use of antidepressants, No. (%), $n = 82$	7 (16.3)	8 (21.1)	0.6
Use of antipsychotics, No. (%), $n = 82$	3 (7.0)	4 (10.5)	0.6

SD = standard deviation, IQR = inter quartile range, No. = number, MADRS = Montgomery Åsberg depression rating scale, TNF- α = tumour necrosis factor- α