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## ESPS Peer-review Report

**Name of Journal:** World Journal of Meta-Analysis

**ESPS Manuscript NO:** 10048

**Title:** Stroke and depression: a bidirectional link

**Reviewer code:** 00718199

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2014-03-11 19:00

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In their manuscript titled "Stroke and depression: a bidirectional link", Del Zotto E and colleagues do a review of a current topic ("stroke and depression") in order to discuss potential mechanisms and specific features of the relationship between depression and stroke. This is an interesting review of interest to readers of World Journal of Meta-Analysis. The data are properly presented and discussed. Therefore, this reviewer finds only minor concerns, so the paper is recommended for its acceptance. Minor Comments: - The following papers, regarding biomarkers and post-stroke depression development, should be included and discussed in the section: "What is the pathogenesis of poststroke depression?": Sustained inflammation 1.5 years post-stroke is not associated with depression in elderly stroke survivors. Noonan K, Crewther SG, Carey LM, Pascoe MC, Linden T. *Clin Interv Aging*. 2013;8:69-74. doi: 10.2147/CIA.S38547. Serum levels of cytokines, glucose, and hemoglobin as possible predictors of poststroke depression, and association with poststroke fatigue. Ormstad H, Aass HC, Amthor KF, Lund-S?rensen N, Sandvik L. *Int J Neurosci*. 2012 Nov;122(11):682-90 Low serum BDNF may indicate the development of PSD in patients with acute ischemic stroke. Yang L, Zhang Z, Sun D, Xu Z, Yuan Y, Zhang X, Li L. *Int J Geriatr Psychiatry*. 2011 May;26(5):495-502. doi: 10.1002/gps.2552. The serum interleukin-18 is a potential marker for development of post-stroke depression. Yang L, Zhang Z, Sun D, Xu Z, Zhang X, Li L. *Neurol Res*. 2010 May;32(4):340-6. doi: 10.1179/016164110X12656393665080. High serum levels of leptin are associated with post-stroke depression. Jiménez I, Sobrino T, Rodríguez-Yá?ez M, Pouso M, Cristobo I, Sabucedo M, Blanco M, Castellanos M, Leira R, Castillo J. *Psychol Med*. 2009 Jul;39(7):1201-9. doi: 10.1017/S0033291709005637. - The data of Table 3 would be best represented in schematic form.