

PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 42014

Title: Electroconvulsive therapy: 80 years old and still going strong

Reviewer's code: 02445242

Reviewer's country: India

Science editor: Xue-Jiao Wang

Date sent for review: 2018-09-06

Date reviewed: 2018-09-21

Review time: 14 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a short but succinct editorial on the history of ECT and its place in modern psychiatric practice. To my mind it is the second section that needs to be emphasized and possibly enlarged a bit. ECT has always had a bad press and public attitudes are quite negative. On the other hand attitudes among patients, caregivers and professionals are



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relatively favourable. Perhaps, there should be a line mentioning this. One the reasons for adverse attitudes towards ECT are concerns about cognitive deficits, particularly long lasting memory impairment. I think it would be useful if the authors could comment on this aspect. Some mention could also be made about the fact that though other brain stimulation treatments such as rTMS are rapidly gaining acceptance, ECT still remains the best option for treatment of severe, psychotic and treatment-resistant depression as its efficacy is better than rTMS for this condition. Finally, advances in technique, in administration of ECT including good practices that need to be followed and newer indications for ECT (e.g. clozapine resistant schizophrenia) could also be briefly mentioned.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 42014

Title: Electroconvulsive therapy: 80 years old and still going strong

Reviewer's code: 00784262

Reviewer's country: Canada

Science editor: Xue-Jiao Wang

Date sent for review: 2018-09-26

Date reviewed: 2018-09-26

Review time: 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The historical part of this manuscript is excellent and a nice tribute to Meduna. More current aspects of ECT treatment, however, are glossed over. The authors need to add the changes of procedure over time with ECT administration, the memory difficulties, the attempts to overcome memory problems, the number of ECTs necessary for effective



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treatment, the recurrence rate, the co-administration of drugs, the use of ECT when drugs cannot be used, comparison studies of ECT vs drugs for specific conditions, the cost of equipment and the training of personnel (which may explain why it is not used in some regions of the world)

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PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 42014

Title: Electroconvulsive therapy: 80 years old and still going strong

Reviewer's code: 02445209

Reviewer's country: Czech Republic

Science editor: Xue-Jiao Wang

Date sent for review: 2018-09-26

Date reviewed: 2018-10-04

Review time: 8 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear authors, I have a few comments on your manuscript: - Do you think that Abstract is necessary in an Editorial? - Mechanism of action: Is there any knowledge on epigenetic mechanisms of ECT? - ECT in affective disorders, schizophrenia: You could mention maintenance ECT in depression as well as schizophrenia. Best regards The reviewer



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PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 42014

Title: Electroconvulsive therapy: 80 years old and still going strong

Reviewer's code: 03764910

Reviewer's country: Japan

Science editor: Xue-Jiao Wang

Date sent for review: 2018-09-26

Date reviewed: 2018-10-05

Review time: 8 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The author describes the history and current situation around electroconvulsive therapy. Topics are well summarized and the content is easy to read. This manuscript will be helpful especially for young readers to learn this controversial topic.

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