

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41854

Title: Liver involvement in DRESS syndrome

Reviewer's code: 02529835

Reviewer's country: United States

Science editor: Xue-Jiao Wang

Date sent for review: 2018-09-06

Date reviewed: 2018-09-08

Review time: 19 Hours, 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input 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 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This paper systemically reviews the clinicopathological aspects of DRESS syndrome, including endemiology, pathogenesis, clinical presentation, biopsy, biomarker, treatment and mortality. There are a few typo errors in the manuscript. Overall it presents a nice summary of the current literature in the regard of DRESS syndrome.



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7901 Stoneridge Drive, Suite 501,
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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41854

Title: Liver involvement in DRESS syndrome

Reviewer's code: 02951550

Reviewer's country: Egypt

Science editor: Xue-Jiao Wang

Date sent for review: 2018-10-05

Date reviewed: 2018-10-05

Review time: 11 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input 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 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Review comments on article of manuscript number 41854 The article is a mini-review that highlights the pattern of liver damage, treatment used, and the outcome in DRESS syndrome. I recommend the acceptance of the article after considering the following corrections: The Drug reaction, Eosinophilia and Systemic Symptoms is abbreviated in



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text as DReSS in some locations and as DRESS in others. Please, unify this abbreviation.
Title: Liver involvement in DRESS syndrome I recommend the title to be: Liver Involvement in the Drug Reaction, Eosinophilia and Systemic Symptoms (DRESS) Syndrome Abstract: It characterizes by the presence of a maculopapular erythematous skin eruption, fever, lymphadenopathy, influenza-like symptoms, eosinophilia and visceral involvement such as hepatitis, pneumonitis, myocarditis, pericarditis, nephritis, and colitis. Correct to be: It is characterized by the presence of a maculopapular erythematous skin eruption, fever, lymphadenopathy, influenza-like symptoms, eosinophilia and visceral involvement such as hepatitis, pneumonitis, myocarditis, pericarditis, nephritis, and colitis. Although previously hypothesized in 1994, DRESS syndrome can actually lead to reactivation of one or more human herpesvirus (HHV) family members. Correct to be: Although it was previously hypothesized in 1994, DRESS syndrome can actually lead to reactivation of one or more human Herpes virus (HHV) family members. Introduction: - Adverse drug reactions commonly involve the liver, which is where most drug metabolism occurs. Correct to be: Adverse drug reactions commonly involve the liver, the main organ in which drug metabolism occurs. - Some sentences in introduction were not documented by references. Methods: Table II correct to be Table 2.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41854

Title: Liver involvement in DRESS syndrome

Reviewer's code: 00253956

Reviewer's country: United Kingdom

Science editor: Xue-Jiao Wang

Date sent for review: 2018-10-05

Date reviewed: 2018-10-07

Review time: 7 Hours, 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input 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 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
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This manuscript considers the role of the liver in a specific allergic reaction to certain drugs, collectively termed drug reaction, eosinophilia and systemic symptoms (DRESS). The manuscript itself does not include novel experimental data, but pulls the literature together in a mini-review style article, with the works collectively collated into Table 2.



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A mini-review of the studies concerned and other relevant literature is also included. As a mini-review the paper is fine and could be published, although an extensive review of the typographical and grammatical errors are required. However, Table 2 is ok, but could be more informative as a component of a systematic review and meta-analysis. Could the authors not perform an organized systematic review and then test the hypothesis that the liver is involved in DRESS by way of a meta-analysis of the studies and accounts for a weighting associated with liver damage parameters. As it is just actual numbers are included, but perhaps more informative to the reader for digestion of the relationships would be to consider a scale of change in say AST/ALT/Eos etc running from say + to +++++, depending on the cut-off values.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41854

Title: Liver involvement in DRESS syndrome

Reviewer's code: 00049727

Reviewer's country: Japan

Science editor: Xue-Jiao Wang

Date sent for review: 2018-10-05

Date reviewed: 2018-10-08

Review time: 17 Hours, 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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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 authors reviewed liver involvement in DRESS syndrome. DRESS syndrome is a similar entity to DILI, but sometimes progresses rapidly and is hard to be diagnosed, leads to delayed treatment and death. Therefore, this review is important for clinicians.

1. Which is correct, DRESS or DReSS? The authors must unify it. 2. The authors



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should state the diagnosis more precisely. It will be helpful if the authors demonstrate the flowchart of accurate diagnosis. 3. Biomarker sections: CK18 and GLDH are indicators of hepatocyte death, not specific for DRESS syndrome. The authors should list several checkpoints for the diagnosis of DRESS syndrome. 4. There are some typographic errors. For example, p8 last line, less than---less than. Please check them before submission.

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