

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58225

Title: Case report: Multiple cerebral lesions in a patient with refractory celiac disease

Reviewer's code: 03815241

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Greenland

Author's Country/Territory: Austria

Manuscript submission date: 2020-08-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-24 05:28

Reviewer performed review: 2020-09-12 13:49

Review time: 19 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

Enteropathy-associated T cell lymphoma (EATL) is a rare condition associated sometimes with refractory celiac disease. The involvement of the brain is even more rare. Your manuscript is well written with no plagiarism. It could be published as a rare condition.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58225

Title: Case report: Multiple cerebral lesions in a patient with refractory celiac disease

Reviewer's code: 03505676

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Austria

Manuscript submission date: 2020-08-24

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-09-25 07:57

Reviewer performed review: 2020-09-28 01:14

Review time: 2 Days and 17 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Refractory celiac disease (RCD) has been subdivided into 2 subgroups (RCDI and RCDII) according to the normal or abnormal phenotype of intraepithelial lymphocytes (IELs), of which RCDII is considered as a low-grade intraepithelial lymphoma and has a poor prognosis due to gastrointestinal and extraintestinal dissemination of the abnormal IELs, and high risk of overt lymphoma. Enteropathy-associated T cell lymphoma (EATL) frequently evolves from RCD II. In the study, the authors reported an extraordinary case of EATL with multiple cerebral lesions in a patient with RCD and suggested a diagnostic possibility when a patient with known RCD presents with neurological deterioration. This report presented a clinical value for the management of RCD. If possible, after gaining an ethical Consent, the researcher could perform a genomic analysis or immunological markers including IL-15 and feature a unique profile of such patient population. Moreover, some potential novel treatment strategies for a better prognosis of this lethal complication of coeliac disease should be supplemented in the discussion section.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58225

Title: Case report: Multiple cerebral lesions in a patient with refractory celiac disease

Reviewer's code: 03656577

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Austria

Manuscript submission date: 2020-08-24

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-09-25 09:02

Reviewer performed review: 2020-10-01 02:35

Review time: 5 Days and 17 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Cerebral involvement in EATL is extremely rare in clinics. In this manuscript, the authors describe such a kind of disease in patients with RCD. It is a good written report, which included various details of the cases, so it will provide an extraordinary value for others to learn from it. However, in the discussion part, some novel strategies (e.g. clinical trials?) for CD or RCD could be discussed.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58225

Title: Case report: Multiple cerebral lesions in a patient with refractory celiac disease

Reviewer's code: 03664074

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Austria

Manuscript submission date: 2020-08-24

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-09-25 15:05

Reviewer performed review: 2020-10-03 06:05

Review time: 7 Days and 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This manuscript has reported a case about a died patient with neurological symptoms induced by enteropathy-associated T cell lymphoma (EATL). It is rare and clinical point, so this experience should be introduced to related people. But there are some problems existing in the manuscript. 1) As the author mentioned in the case presentation and discussion, where are the figure 5 and 6 displayed? 2) All figures' magnification or diameter was not demonstrated. 3) In the Figure 2 C and D, negative/positive standard both of TIA-1 and CD8 on Intraepithelial lymphocytes is not unified. 4) In the Figure 4 C and D, the bar should be used to identify the CD3 positive lymphoma cells and non-malignant T lymphocytes.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58225

Title: Case report: Multiple cerebral lesions in a patient with refractory celiac disease

Reviewer's code: 02439215

Position: Peer Reviewer

Academic degree: PhD

Professional title: Director

Reviewer's Country/Territory: China

Author's Country/Territory: Austria

Manuscript submission date: 2020-08-24

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-09-25 07:26

Reviewer performed review: 2020-10-05 01:30

Review time: 9 Days and 18 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1.The extension and thinking of cases are not enough. Although a new case of EATL characterized by cerebellar and brainstem involvement is proposed in this paper, which provides ideas for the clinical differentiation and diagnosis of EATL, the clinical connection, pathogenesis and therapeutic effect of EATL are not deep enough. The possible mechanism of EATL involving CNS, the possible early diagnostic indicators, the treatment of EATL with CNS, and the method to solve poor clinical prognosis of this disease should be further considered and explored in order to enlarge the clinical value of the article as much as possible. 2.There are some problems in the use of words and sentences. A large number of long sentences are used in this paper, but there are some deficiencies in the use of some long sentences. For example, the second sentence of "Core tip" may not be properly expressed in English; if "and" in the last clause of "Case summary" is replaced with "but", it may be more logical. There are many inappropriate words and sentences in the article. Therefore, the writing and the use of words and sentences need to be further modified to strengthen the coherence and logic of the article. 3.The description of the case in the "Case introduction" in the article may need to be more detailed, including medical history, clinical examination, etc. The article may simply outline the case through some positive symptoms. If the content can be more enriched, it would be good. 4.In the case introduction, there is a serial number error, and there is a lack of 3 between (2-4). 5.The author only describes the patient's psychiatric symptoms without describing the relevant signs. 6.For important laboratory results, there is no detailed description of specific values. 7.The description of the treatment drug does not have a specific dosage and duration of use. 8.The time sequence in the case summary is chaotic, and the brain biopsy results should be described after the death of the patient. 9.No corresponding new treatment methods have been proposed: such as monoclonal antibodies, the possibility of interferon therapy. 10.The research

background of EATL has not been introduced in detail, such as the incidence rate, which organs are easily invaded outside the intestine, etc. 8. There are doubts about the diagnosis of type II RCD in patients. Stomach pain, weight loss, and postprandial abdominal distension should be considered as EATL before 6 months.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58225

Title: Case report: Multiple cerebral lesions in a patient with refractory celiac disease

Reviewer's code: 03478568

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Austria

Manuscript submission date: 2020-08-24

Reviewer chosen by: Jia-Ping Yan

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Reviewer performed review: 2020-10-08 09:27

Review time: 13 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

The current manuscript reported a case rarely reported previously discribed as EATL with cerebral involvment in a RCD patient. The topic is interesting, and the clinical proof is abundant. I have some concerns to improve this manuscript: 1. in Line 63-64, the authors referred the gamma delta T lymphocte immunophenotyp, but I did not find any pathological data to support that phenotype through the manuscript. 2. in Line 100, as to the jejunal biopsies, why did not operate this biopsy soon after the capsule endoscopy examination, for example, by intestinal endoscopy?