

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pharmacology and Therapeutics

Manuscript NO: 53832

Title: Gastrointestinal symptoms in acromegaly: A case control study

Reviewer's code: 05078688

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Israel

Author's Country/Territory: United Kingdom

Manuscript submission date: 2019-12-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-01-01 07:07

Reviewer performed review: 2020-01-07 10:10

Review time: 6 Days and 3 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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input 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



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I have read with a great interest the paper (gastrointestinal symptoms in acromegaly). I have some major comments regarding the methodology of the study. 1. The cases group is extremely small to come out with conclusion. This study better be performed as a multi-center and international. 2. The cases are under treatment of somatostatin which definitely can contribute to the GI symptoms. This is a major bias and I couldn't find any attention to this point in the methods or results sections. 3. the controls are still from the hospital with pain after fractures. Most of them are under analgesics? after surgeries? This is very problematic control group. 4. Patient's and controls demographics are extremely poor. 5. medication list is extremely poor. 6. Questionnaires used are validated in your population? 7. how did you refer controls ? it was unclear from the manuscript if you actively interviewed controls for symptoms / ROME criteria? I think the methodology should be much more improved.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pharmacology and Therapeutics

Manuscript NO: 53832

Title: Gastrointestinal symptoms in acromegaly: A case control study

Reviewer's code: 03094889

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Kingdom

Manuscript submission date: 2019-12-31

Reviewer chosen by: AI Technique

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Reviewer performed review: 2020-01-11 06:14

Review time: 5 Days and 6 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 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 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



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The authors collected data from patients with a confirmed diagnosis of acromegaly to evaluate the frequency, type and burden of abdominal symptoms in comparison with a control group who were healthy participants recruited from the local fracture clinic. Data analysis was carried out using Microsoft Excel and IBM SPSS v 25. The results show that upper and lower Functional Gastrointestinal Tract Disorders are significantly more prevalent in patients with acromegaly compared with healthy age and sex matched controls. Functional Constipation is the most commonly reported problem. As the authors said this is a first case control study of its kind showing a high prevalence of Functional gastrointestinal disorders affecting both the upper and lower gastrointestinal tract in patients who have a diagnosis of Acromegaly.