

PEER-REVIEW REPORT

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Manuscript NO: 56994

Title: Insulinoma – presenting with deficient muscle glycogen and expanded brown adipose tissue – a case report.

Reviewer's code: 03432977

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Slovakia

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Reviewer chosen by: AI Technique

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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 Grade E: Do not publish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 type="checkbox"/> Grade B: Minor language polishing <input checked="" 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

This manuscript reports a special case of insulinoma. Different from the most common symptoms of weight gain and fasting hypoglycemia, this case shows postprandial hypoglycemia and significant weight loss which may patically contribute to the delay of diagnosis. This case also shows expanded BAT tissue and low glycogen concentration in muscle. This manuscript describes the details of this case of insulinoma including symptoms, diagnosis and the treatment. The uncommon symptoms of this case could broaden our understanding of insulinoma and may be helpful to the accurate dignosis of insulinoma. In addition, this manuscript discusses the involvement and the potential roles of BAT in the initiation and progress of insulinoma, which may enhance the understanding and treatment of insulinoma. However, there are still some limitations in this manuscript. The title of this manuscript puts the emphasis on the deficient muscle glycogen and expanded brown adipose tissue, while the symptoms description and the conclusion focus on the hypoglycemia and weight change, which is not so clear and consistent. This manuscript makes little introducton on the pathogenesis of insulinoma, which impedes the comprehensive understanding of the complexity and heterogeneity of the symptoms. What's more, there are some mistakes in the grammar of this manuscript, and the language still needs to be polished.