

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 52469

Title: Growth hormone therapy for children with KBG syndrome: a case report and literature review

Reviewer's code: 00742009

Position: Editorial Board

Academic degree: MBBS

Professional title: Chief Doctor

Reviewer's country: Singapore

Author's country: China

Manuscript submission date: 2019-11-13

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2020-01-14 07:32

Reviewer performed review: 2020-01-17 14:32

Review time: 3 Days and 7 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 checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 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 authors reported a positive result with growth hormone therapy in a child with KBG syndrome. They also reviewed the use of growth hormone therapy in children with KBG syndrome in the literature. The manuscript is interesting but I have the following comments and suggestions. 1. In the Abstract, Case Summary should include data from the authors' patient. Cases reported in the literature can be grouped under Reported Cases. 2. In the Abstract, under Conclusion, the authors can only conclude that growth hormone therapy is effective in most children with KBG syndrome for the first year of treatment. Further study on the effectiveness of long-term use and improvement in adult heights is needed. 3. Do not use the term "KBG children". Use children affected by KBG syndrome please. 4. The Core Tip is not clear. Give a clear message what the authors would like to reader to bring home. 5. Under Introduction, there is no need to discuss the diagnostic criteria for the KBG syndrome. Omit the second paragraph. 6. There is no need to introduce an abbreviation to multi-disciplinary team. 7. Under Introduction, the authors should remove the data about their own case in this section. It is a duplication of data in the report. 8. Under Case Presentation, please combine history of present illness and history of past health into one single section. Past health refers to those parts of the history that are not relevant to the presenting problem. Developmental delay is an integral feature of the KBG syndrome and should therefore be included under present illness. Delete the current height in the history. This is again a duplication of what the authors were telling later. 9. It is quite unusual to diagnose developmental delay at 2 months old. What was actually delayed in development? 10. Family history should stand alone. The child birth history has already been mentioned earlier and there is no need to repeat it again. 11. Change Laboratory Examinations to Laboratory Investigations. 12. Under Laboratory

Investigations, give the normal reference ranges for the peak growth hormone after stimulation tests. Also provide the method used for the assay of growth hormone in the authors' laboratory. 13. Was growth hormone deficiency confirmed, excluded, or not certain? "Considered" is not an appropriate word in this sentence. 14. There is no need to mention the genetic workup for the case. This is not the focus of the report. The authors can just mentioned the heterozygosity for the genetic mutation found during the investigation of the index patient. 15. Change Imaging Examinations to Imaging. 16. Under Imaging, provide the reference/method how the patient's bone age was reckoned. 17. Why was the patient's intelligent quotient listed under Imaging? 18. Delete the section Final Diagnosis. 19. Under Outcome and Follow-up, did the patient receive 2 years of treatment with growth hormone and then the treatment was discontinued? If the patient was still on growth hormone after 2 year, the authors should state "Follow-up was performed every three months for two years." 20. Under Discussion, the authors should state clearly in the first paragraph what they wanted to study and compare when they collected cases published in the literature. The comparison of the growth changes at after 1 year of growth hormone treatment was the main focus. Similarly, they should also state clearly and logically that cases were excluded if the growth data and follow-up information were incomplete. In this manner, those cases with follow-up less than one year should be excluded. Also, those patients whose duration of follow-up was not clear should also be excluded. Therefore, five patients mentioned for comparison should be excluded. And the subsequent discussion should be modified to accommodate for such changes. 21. The growth velocity of the index patient during the second year of growth hormone treatment was obviously slower than that of the first year. Is there a possibility that growth hormone treatment may lose its effectiveness on longer term treatment? 22. About the limitations of the study, the authors should mention that the effects of growth hormone on children with the KBG

syndrome in longer term are not known. There is no data on its beneficial effect in the final adult height. 23. In the Conclusion, the authors can only state that there is a good response to growth hormone for the first year of treatment. The statement that growth hormone is effective in most children with the KBG syndrome with short stature is imprecise and not supported by the Discussion. Similarly, the Discussion does not provide sufficient evidence for growth hormone treatment under such conditions. 24. Table 1 has alignment problems. 25. Figure 1 is not needed. It is not related to the growth data or growth hormone treatment. 26. In Figure 3, the 2 cases with follow-up less than 1 year and the 3 cases with unknown follow-up period should be deleted. They only serve to confuse the readers.

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 Clinical Cases

Manuscript NO: 52469

Title: Growth hormone therapy for children with KBG syndrome: a case report and literature review

Reviewer's code: 00646232

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Author's country: China

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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 checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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

I reviewed with interest this case report. I have the following comments The authors used to say KGB girl, KGB children. They should say a girl with KBG syndrome or children with KGB. Always give the humanity a priority over the disease. Plz correct that in all the manuscript. In the Cor Tip The first line: the author said Incidence; it is not incidence, it is a percentage Introduction First paragraph: Plz correct that in all the manuscript. Third paragraph: [What about the effects of growth hormone (GH) therapy on KBG children with short stature?]. This is an Interrupting sentence; needs to be removed or changed Case Presentation In Chief complaints': The author wrote the age as 5.5 y. It should be written as 5 ys & 5 months or 5 5/12 Yrs. Please not that in all the manuscript History: should be one item rather than dividing it into three to avoid repetition and wrong placement of data In Physical examination: It will be better illustration if there is a photo for the patient if they got permission to do that TREATMENT: The dose of growth hormone 50 µg/kg/d, Was this the starting and maintenance dose through the 2 yrs of treatment?? Can the authors summarize clear indication of growth hormone therapy, the proposed dose and follow up parameters of growth hormone therapy in children with KGB syndrome?

INITIAL REVIEW OF THE MANUSCRIPT

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