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ESPS Peer-review Report

Name of Journal: World Journal of Diabetes

ESPS Manuscript NO: 4296

Title: Sequential elevation of autoantibodies to thyroglobulin and GAD in a patient with type 1 diabetes

Reviewer code: 00504156

Science editor: Song, Xiu-Xia

Date sent for review: 2013-06-26 16:48

Date reviewed: 2013-07-06 01:57

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

The manuscript is interesting, well-written and therefore suitable for publication.



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ESPS Peer-review Report

Name of Journal: World Journal of Diabetes

ESPS Manuscript NO: 4296

Title: Sequential elevation of autoantibodies to thyroglobulin and GAD in a patient with type 1 diabetes

Reviewer code: 00646289

Science editor: Song, Xiu-Xia

Date sent for review: 2013-06-26 16:48

Date reviewed: 2013-07-15 00:51

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B (Very good)	<input type="checkbox"/> [Y] Grade B: minor language polishing	<input type="checkbox"/> [] Existed	<input type="checkbox"/> [] High priority for publication
<input type="checkbox"/> [] Grade C (Good)	<input type="checkbox"/> [] Grade C: a great deal of language polishing	<input type="checkbox"/> [] No records	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> [] Grade D (Fair)	<input type="checkbox"/> [] Grade D: rejected	BPG Search:	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> [] Grade E (Poor)		<input type="checkbox"/> [] Existed	<input type="checkbox"/> [] Major revision
		<input type="checkbox"/> [] No records	

COMMENTS TO AUTHORS

World Journal of Diabetes, Review of ESPS Manuscript No: 4296 Reviewer ID: 00646289 This paper talks about a 32 year old Japanese woman who had a thirteen-year history of type 1 diabetes, and a persistent low levels of GAD65 autoantibodies throughout her disease. She was negative for TGAb and TPOAb. At 12,5 years, her GAD65 levels increased back to higher levels along with emergence of TGAb. The study claims that, in patients who are not diagnosed with autoimmune thyroid disease at the onset of diabetes, persistent positive levels of GAD65 (although lower), may be a marker indicating a high risk for developing anti-thyroid autoimmunity. The case is well defined in terms of significance of positivity for various antibodies in the course of type 1 diabetes disease. The paper is well-written, although minor corrections in language is necessary, which are indicated below. The case presented has a good value in possible early diagnosis of thyroid disorders in type 1 diabetes patients when thyroid functions are still normal. It should be published, and also a further report during follow-up of the patient in case of thyroid disease emergence, will be very informative. The clinical values related to the patient may be given in a Table for clarity and ease to spot, instead of being spread out in the text. Page 2: under the title "Abstract": -The sentence before the last sentence of the paragraph may be changed as: "She has a HLA-DRB1*03:01/*04:01-DQB1*02:01/*03:02 genotype". -The last sentence of the paragraph should be changed as: "Persistent positivity for GAD65 autoantibodies might be associated with increased risk to develop anti-thyroid autoimmunity". Page 4: under the title "Case Report": -1st sentence should be changed as: "A 32-year-old Japanese female had developed diabetic ketoacidosis at 19 years of age and diagnosed as type 1 diabetes". -The word "were" should be omitted from the 3rd sentence of the second paragraph,



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so the sentence should be corrected as “Her TPO/TGABs remained negative and thyroid function was within normal range”. -Second paragraph, 4th sentence should be changed as: “However, GAD65A were reelevated to 90U/ml thirteen years after diabetes onset”. Page 5: under the title “Discussion”: -First paragraph, 5th sentence should be changed as: “Because high levels of GADA are observed in insulin-deficient patients as same as that of our case, production of GADA may not be associated with the residual β cell antigens”. -First paragraph, 7th sentence should be corrected as: “Taken together it is hypothesized that the production of GADA in patients with APS3 might be attributable to a polyclonal activation of the autoimmune system in AITD, and persistent positivity for GAD65A might be associated with increased risk to develop anti-thyroid autoimmunity”. -Second paragraph, 3rd sentence should be corrected as: “However, it has been reported that female gender, older (adolescence) onset, longer duration of diabetes, and positivity for GADA were risk factors for the development of thyroid disorders”. -Second paragraph, last sentence should be changed as: Therefore, thyroid function test should be performed regularly in this patient for possible early diagnosis of thyroid disorders, although thyroid function is still normal.