

JURNAL INTERNATIONAL BERPUTASI TERAKREDITASI Q4

JUDUL ARTIKEL	Zinc transporter 8 autoantibody in the diagnosis of type 1 diabetes in children
JURNAL	Clinical and Experimental Pediatrics
PENULIS	Nur Rochmah; Muhammad Faizi; Siti Wahyu Windarti

No	Perihal
1	Bukti Submit
2	Bukti Revisi
3	Bukti Pengiriman Hasil revisi

Surabaya, 7 Agustus 2023



Dr. NUR ROCHMAH dr., Sp.A(K)

1. Bukti Submit

Dear Dr. Nur Rochmah:

Thank you for submitting your manuscript to *Korean Journal of Pediatrics*.

Your manuscript titled "Zinc Transporter 8 Autoantibody in the Diagnosis of Type 1 Diabetes in Children" has been received by the electronic manuscript submission system of *Korean Journal of Pediatrics* and has been numbered 20190241 temporarily.

A manuscript number will be assigned shortly, and we will be in touch with you in due course.

Sincerely,

Man Yong Han, M.D.
Editor-in-Chief

Korean Journal of Pediatrics Editorial Office
#1606, Seocho World Officetel, 19 Seoun-ro, Seocho-gu, Seoul 137-070, Korea

TEL : +82-2-3473-7305
FAX : +82-2-3473-7307
E-mail : kjpped@gmail.com
Website : <http://submit.kjp.or.kr/>

[Korean Journal of Pediatrics] Complete submissions.

Sender : The Korean Pediatric Society

Recipient : Nur Rochmah

Date Submitted : 01-Oct-2019 18:10

Temporary number: 20190241

Category of Submission : New

Type of Manuscript : Original Article

Subspecialty : Endocrinology

Abstract

Zinc Transporter 8 Autoantibody in the Diagnosis of Type 1 Diabetes in Children

Background: Type 1 diabetes (T1D) is one kind of organ-specific autoimmune disease related to the autoimmune response against pancreatic β -cell. Zinc transporter 8 (ZnT8), an islet-specific gene product localized to the β -cell insulin granule, is recently identified as an autoantigen in T1D. Purpose: To evaluate the use of zinc transporter 8 autoantibody (ZnT8A) for diagnosing type 1 diabetes (T1D) in Dr. Soetomo General Hospital, Surabaya, Indonesia. Methods: This case-control study was conducted at Dr. Soetomo General Hospital, Surabaya, Indonesia from March to May 2019. Inclusion criteria were children aged less than 18 years old with T1D based on the International Society for Pediatric and Adolescent Diabetes (ISPAD) guideline and healthy controls. We measured ZnT8A level by ELISA (with cut off value 0.315). P-value less than 0.05 were considered statistically significant. Results: There were 30 children with T1DM (50% boys; aged 11 ± 4 years) and 18 healthy controls (44.4% boys; aged 8 ± 3 years), 1 patient was Madurese and others were Javanese in each group. Twenty-two of 30 subjects with T1D (73.3%) were positive for ZnT8A compared to 5 of 18 controls (27.8%) ($p=0.02$, OR 7.15; CI 95%). When ZnT8A-positive and ZnT8A-negative in T1D cases were compared, no difference was detected in age at diagnosis, duration of diabetes, presence of ketoacidosis, body mass index, HbA1c concentration, and C-peptide concentrations. Conclusion: Zinc transporter 8 autoantibody (ZnT8A) has potential for clinical applications in the diagnosis of T1D.

2. Bukti Revisi

Dear Nur Rochmah

Thank you for submitting your manuscript titled "Zinc Transporter 8 Autoantibody in the Diagnosis of Type 1 Diabetes in Children" [KJP-19-174] to the Korean Journal of Pediatrics.

The reports of the referees have been received and are placed at the end of this email for your reference.

As indicated by the comments, the reviewers feel that the manuscript requires extensive revisions. Therefore, at this point, we cannot commit to a final decision, as that depends on your revision of the manuscript. Please ensure that the revised version submitted by you incorporates the suggested changes. You must thoroughly and satisfactorily address each comment made by the reviewers in a point-by-point format, using the following process:

- 1) Copy each comment to the author made by the reviewers
- 2) Enter your reply directly underneath each comment

I have some recommendations.

Abstract ; Please remove 'in Dr. Soetaomo General Hospital, Surabaya, Indonesia' in purpose. (Because in methods, there is a same sentence)

Key message ; How about remove key message? Usually in KJP, most of authors do not write key message. If you want, it is OK.

Introduction ; please remove 'in Dr. Soetaomo General Hospital, Surabaya, Indonesia' in first paragraph. (Because in methods, there is a same sentence)

Results ; All datas should be displayed (by) upto a decimal point. For example 11.5 ± 4.2 years.

BMI is different according to age. for example, BMI 20 is obesity in 4 years old age, but it is not obesity in 15 years old age.

So you should correct BMI -> BMI z score.

what do you mean 'HbA1c'? Was it measured at the time of diagnosis? After diagnosis, with treatment, HbA1c was decreasing. So you describe the time of measure HbA1c and it needs same time for all participants.

Discussion ; Javanese children -> How about 'Indonesian children'? In your table 1, all participants are not Javanese. 2 was Madurese.

And all reference should be superscript in KJP. please check KJP instruction for authors.

Table 1. please display all datas in a decimal point. BMI should be calculated z-score. (all participant were not same age.)

Table 2. please display all datas in a decimal point. BMI should be calculated z-score. Please describe the timing of HbA1c measurement.

Comments from Reviewer 2:

1. Please revise it in accordance with KJP regulations
2. Please add the clinical significance (such as prognosis, symptoms) of ZnT8A in the introduction
3. Could you unified decimal numbers in body and table (except c-peptide)

3. Bukti Revision Completed

[Korean Journal of Pediatrics] 1st Revision completed.

Manuscript ID : KJP-19-174

Revision Date : 09-Dec-2019 18:59

Type of Manuscript : Original Article

Title : Zinc Transporter 8 Autoantibody in the Diagnosis of Type 1 Diabetes in Children

Corresponding Author : Nur Rochmah

Author's opinion :

Sincerely,

Man Yong Han, M.D.
Editor-in-Chief

Korean Journal of Pediatrics Editorial Office
#1606, Seocho World Officetel, 19 Seoun-ro, Seocho-gu, Seoul 137-070, Korea

TEL : +82-2-3473-7305

FAX : +82-2-3473-7307

E-mail : kjpped@gmail.com

Website : <http://submit.kjp.or.kr/>

