

Family Medicine & Prima...



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Family Medicine & Primary Care Review

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New manuscript received by Editorial Office (FAMILY-00936-2021-01)

Dari: Family Medicine & Primary Care Review (kontakt@editorialsystem.com)

Kepada: Hotma_rumahorbo@yahoo.com

Tanggal: Kamis, 21 Januari 2021 17.34 GMT+7

Dear Hotma Rumahorbo,

Thank you for your manuscript: INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus.

The following number has been assigned to it: FAMILY-00936-2021-01.

The manuscript will be checked by Editors and then sent to the Reviewers.
You will be informed by email about any further decisions on this article.

Thank you for submitting your work to our journal.

Yours sincerely,
Editorial Office of FM&PCR

Editorial System is available here: <https://www.editorialsystem.com/family/>

Re: New manuscript received by Editorial Office (FAMILY-00936-2021-01)

Dari: hotma rumahorbo (hotma_rumahorbo@yahoo.com)

Kepada: fmpcr@familymedreview.org

Tanggal: Sabtu, 23 Januari 2021 12.31 GMT+7

Greetings of the day

I, Hotma Rumahorbo, submitted the manuscript on January 21, 2021 with no FAMILY-00936-2021-01. Can I send additional information? I thank you for the help

Regards

<https://drive.google.com/drive/folders/1KdKLHNsziVJXY4CeDKj0Gmt9F6R9GUqp?usp=sharing>

Pada Kamis, 21 Januari 2021 17.34.48 WIB, Family Medicine & Primary Care Review <kontak@editorialsystem.com> menulis:

Dear Hotma Rumahorbo,

Thank you for your manuscript: INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus.

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Yours sincerely,
Editorial Office of FM&PCR

Editorial System is available here: <https://www.editorialsystem.com/family/>



Hotma Rumahorbo

AUTHOR



FAMILY-00936-2021-01



INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus



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DETAILS

Sent to revise

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CORRESPONDING AUTHOR:
Hotma Rumahorbo

INSERTED:
2021-01-21

SUBMITTED:
2021-01-21

DECISION:
2021-03-01

1 version

FAMILY-00936-2021-01

2021-01-21

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2 version

FAMILY-00936-2021-02

2021-03-01

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TITLE AND TYPE

1

Title

INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus

Running title

INKOLA based on Orem's Self-Care Model

Type

Original paper

ABSTRACT

2

Background

The quality of life for children with diabetes type 1 is determined by the ability of parents to care for their children independently. The INKOLA model was developed from the Dorothea Orem self-care deficit model which emphasized educational support for patient self-care independence.

Objectives

This study aims to determine the effectiveness of the INKOLA model on the QoL and HbA1C of T1DM children.

Material and methods

Quasi-experimental with a control group was carried out on 42 T1DM children and their parents. Intervention of model was implemented for 4 months. QoL was measured twice in third and fourth months. HbA1C measured at fourth month.

Results

There was an improvement in QoL scores in the children's version after 3 months of the intervention, but not significantly different (78.67 ± 11.31 vs 73.01 ± 14.85 , $p = 0.173$). After 4 months, there was an increase in QoL score and was significantly different (80.93 ± 10.19 vs 70.80 ± 12.21 , $p < 0.001$). The parents' version of QoL scores after 3 and 4 months of intervention showed an improvement, but not significantly different (3 months, 78.42 ± 9.22 vs 78.27 ± 9.64 , $p = 0.961$; 4 months, 79.62 ± 9.01 vs 78.63 ± 9.52 , $p = 0.734$). The decrease HbA1C in the intervention group was significant (8.80 ± 1.76 vs 10.59 ± 2.72 , $p = 0.014$)

Conclusions

INKOLA based on the Orem self-care model is effective in improving the QoL and controlling HbA1C for T1DM.

es

AUTHORS

3



CORRESPONDING AUTHOR

Assoc. Prof. Hotma Rumahorbo (Hotma_rumahorbo@yahoo.com)

Bandung Health Polytechnic

Contribution	A – Study Design B – Data Collection C – Statistical Analysis D – Data Interpretation E – Manuscript Preparation F – Literature Search G – Funds Collection
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Assoc. Prof. Atin Karjatin (atinkarjatin@gmail.com)

Health Promotion Program

Bandung Health Polytechnic

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Assoc. Prof. Ali Hamzah (alihamzahbandung@yahoo.co.id)

Bandung Health Polytechnic

Nursing Program

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AUTHOR'S STATEMENTS

4

Sources of financial support

This study was funded by the Indonesian agency for health human resources development and empowerment of Kementerian Kesehatan Republik Indonesia with a number of contract HK.01.07/III/0080570/2018. Each year, the institution provides grants for lecturers to carry out research in various disciplines

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ETHICS COMMITTEE

5

Information about opinion from the Ethics Committee to perform the study

Ethics approval was obtained from the research ethics committee of the Health Polytechnic, Ministry of Health Bandung N0: 31/KEPK/TE/01/VII/17.

KEYWORDS

6

diabetes mellitus type 1, self-care, glicated hemoglobin A, quality of life

TOPICS

7

Diabetology, endocrinology

Pediatrics

Public health

Quality of life

ADDITIONAL INFORMATION

8

Is the first author a member of the Polish Society of Family Medicine?

NO

Does the author cite FM & PCR papers in the References section?

YES

The manuscript is structured into sections as follows: Background, Objectives, Material and methods, Results, and Conclusions.

✓ CHECKED

The author knows the achievements of the journal, which he directs his manuscript to.

✓ CHECKED

Detailed corresponding author data (name, surname, affiliation, address, email, phone):

Hotma, Rumahorbo, Bandung Health Polytechnic, Dr Otten N0 32, Hotma_rumahorbo@yahoo.com, +6228112312505

Corresponding author degree:

PhD, Assoc. Prof.

SUGGESTED REVIEWERS

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Re: Decision on manuscript FAMILY-00936-2021-02

Dari: hotma rumahorbo (hotma_rumahorbo@yahoo.com)

Kepada: fmpcr@familymedreview.org

Tanggal: Kamis, 29 April 2021 13.46 GMT+7

Dear
excellency Editor of FM&PCR

I am very pleased to receive an email from the editor of this journal, that my article entitled "INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus" (FAMILY-00936-2021-02) was accepted for publication in the great journal.

I'm really looking forward to getting it published soon. Will the article be published in the near future?

Thank you for the opportunity. Hopefully this journal increases its index rate.

Kindest regards

Pada Senin, 26 April 2021 02.31.38 WIB, Family Medicine & Primary Care Review <kontakt@editorialsystem.com> menulis:

April 25, 2021

FAMILY-00936-2021-02

INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus

Hotma Rumahorbo, Atin Karjatin, Ali Hamzah

Dear Hotma Rumahorbo,

I am pleased to inform you that your manuscript, entitled: INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus, has been finally accepted for publication in our journal.

Thank you for submitting your work to us.

Yours sincerely,
Editorial Office of FM&PCR

Please note that this email may not include all details of your article's evaluation. The full decision is available here: <https://www.editorialsystem.com/family/article/236274/view/#showDecisionLetter236274>

Review 1:
valuable research

Review 2:

The authors have corrected the work as suggested, so I believe that the work can be published

Review 3:

Very interesting topic and well done research

Authors:

Hotma Rumahorbo, Atin Karjatin, Ali Hamzah

Decision letter:

April 25, 2021

FAMILY-00936-2021-02

INKOLA based on Orem's Self-Care Model and its effectiveness of quality of life and HbA1C in children with type 1 Diabetes Mellitus

Hotma Rumahorbo, Atin Karjatin, Ali Hamzah

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Thank you for submitting your work to us.

Yours sincerely,
Editorial Office of FM&PCR

Review 1:**Assessment of the paper's content:****Achievement of the paper's aim:**

High

Extent of knowledge presented in the paper:

High

Accuracy of methods used in the study:

High

Quality of findings and statistical analyses, and assessment of their interpretation:

High

Assessment of summaries and conclusions:

High

Assessment of the cited literature:

High

Is the manuscript in accordance with the Editorial Board's instructions:

Yes

Keywords compatible with MeSH (<https://meshb.nlm.nih.gov>):

Yes

Do authors have demonstrated knowledge of the achievements of Family Medicine & Primary Care Review?

Yes

Usefulness of the paper to family doctors:

Very high

valuable research

Review 2:

Assessment of the paper's content:

Achievement of the paper's aim:

Satisfying

Extent of knowledge presented in the paper:

Satisfying

Accuracy of methods used in the study:

Satisfying

Quality of findings and statistical analyses, and assessment of their interpretation:

Satisfying

Assessment of summaries and conclusions:

Satisfying

Assessment of the cited literature:

Satisfying

Is the manuscript in accordance with the Editorial Board's instructions:

Yes

Keywords compatible with MeSH (<https://meshb.nlm.nih.gov>):

Yes

Do authors have demonstrated knowledge of the achievements of Family Medicine & Primary Care Review?

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Usefulness of the paper to family doctors:

Satisfying

The authors have corrected the work as suggested, so I believe that the work can be published

Review 3:

Assessment of the paper's content:

Achievement of the paper's aim:

Satisfying

Extent of knowledge presented in the paper:

High

Accuracy of methods used in the study:

Satisfying

Quality of findings and statistical analyses, and assessment of their interpretation:

Satisfying

Assessment of summaries and conclusions:

Satisfying

Assessment of the cited literature:

Satisfying

Is the manuscript in accordance with the Editorial Board's instructions:

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Keywords compatible with MeSH (<https://meshb.nlm.nih.gov>):

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Do authors have demonstrated knowledge of the achievements of Family Medicine & Primary Care Review?

Yes

Usefulness of the paper to family doctors:

Satisfying

Very interesting topic and well done research