

UNIVERSITI TEKNOLOGI MARA

**BARRIERS TO IMPLEMENTING
EVIDENCE-BASED PRACTICE
AMONG OCCUPATIONAL
THERAPISTS' IN PEDIATRIC
SETTING**

PUTERI NURFARIZA BINTI ARBAIN

Dissertation submitted in partial fulfillment
of the requirements for the degree of
**Master in Occupational Therapy
(Developmental Disability)**

Faculty of Health Sciences

January 2019

AUTHOR'S DECLARATION

I declare that the work in this dissertation was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

Name of Student : Puteri Nurfariza Binti Arbain

Student I.D. No. : 2016632838

Programme : Master in Occupational Therapy (Developmental Disability) – HS704

Faculty : Health Sciences

Thesis : Barriers to implementing evidence-based practice among occupational therapists' in paediatric setting.

Signature of Student :

Date : January 2019

ABSTRACT

The expanding of information has a major impact to our lives. Nowadays, when people trying to find solutions, the flow of information preferable comes from scientifically proven knowledge and information. In healthcare system, information comes from research findings in the evidence-based article. Occupational therapists are among the healthcare providers who had to follow these guidelines in giving treatment or intervention to their clients. However, to date there is no published study regarding the application and barriers in implementing evidence-based practice amongst occupational therapy in paediatric setting in Malaysia. Hence, the aim to identify barriers to implementing evidence-based practice in paediatric settings. The Barriers Scale is disseminate using an online application. The link to the questionnaire then being share through various social media available to the participant. 80 occupational therapists participated in the survey. The majority of the participant are female (n=61) and male respondent (n=19). A Mann-Whitney *U* test and Kruskal-Wallis used to find out the significant different between demographic and barriers. There are no significant difference between participant demographic profile and the barriers. The result showed one significant different between age group with question 2 in barriers to research utilization scale: Implications for practice are not made clear. In conclusion, gender differences, educational background and age differences are not contributing factors to the barrier implementing evidence-based practice. It may due to the knowledge and skills gather from course taken encompass into practice adequate for them to use into practice. Other than that, mentorship from the senior co-worker play role in culturing group discussion and learning opportunities despite of age differences. It is recommended that in future research, participants need to recruit more so that the result can be generalize to occupational therapists population in Malaysia.

ACKNOWLEDGEMENT

First of all, thanks to Allah Almighty Who enabled me to the countless opportunity given. I would like to extend my gratitude to the university for giving me chances further my studies to the next level.

I also thank my supervisor, Dr Akehsan-Dahlan, lecturer of occupational therapy program for his understanding and support for completing this dissertation.

I also want to take this opportunity to express a deep sense of gratitude to my colleague, friends and family for continuous inspiring and kind words towards my journey in the study.

I thank profusely all the staff in PERMATA Kurnia for their kind help and co-operation throughout my study period.

I humbly extend my thanks to all concerned persons who co-operated with me in this regard.

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