ENVIRONMENTAL STRESS PREVENTION IN PEDIATRIC WARDS BY DESIGN

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MSc

March 2014
UNIVERSITI TEKNOLOGI MARA

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Thesis submitted in fulfillment of the requirement for the degree of Master of Science

Faculty of Architecture, Planning and Surveying

March 2014
AUTHOR’S DECLARATION

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

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Date : March 2014
ABSTRACT

Quantitative and qualitative research methods were used to explore the relationship between physical environmental factors in pediatric wards and their influence on healing process. This study is in term of improving the physical environment of children care spaces which affects indirectly the whole process of healing in hospitals or all the other care spaces when it prevents the environmental stress. It puts forward a literature of environment design dynamic movements on children care spaces design which have been done previously by designers and researchers. The physical environmental factors of pediatric wards have healing influence on children healing and how mental well-being of inpatient children could be enhanced through proper realization during the hospitalization. To achieve this purpose, the objectives of this study were to study about physical environment in current children’s care spaces and to investigate about the children’s preference on physical environment of wards and causes of problem among patients in the ward. This study could help to improve the quality of children care spaces by applying some changes in the existing design. The propose of this research was to gather through the previous researches and my own information from findings and observation in process of my research methodology to find a better understanding about physical environmental factors of children’s care spaces and how to make it more homelike and less stressful. That could help to increase the knowledge of existing and future designers and researchers accordingly. As a result of this research, design of the interior in children wards can make the hospital environment more patients friendly and home-like to optimize the result of treatment and healing process. It could only happen by applying proper design consideration to deliver patient’s needs. The research confirmed and proved that the physical environment at the existing care spaces have mostly weakness to be improved or issues that must be added to their interior design to meet the standard requirements of healing environment as exposed by past researches in literature review. The research pointed on low satisfaction level of users and tried to collect preferences of parents and visitors for a brighter future of pediatric wards environment.
ACKNOWLEDGMENT

Every time we remember to say “thank you”, we experience nothing less than heaven on the earth. I am sure, writing this acknowledgement does not much in compare to what all my beloveds and well-wishers have done for me but at least, hopefully it would bring a smile on their faces.

In the first place I would like to record my gratitude to Professor. Dr. Mohamad Awang for his extra ordinary supervision, advice, and guidance from the very early stage of this research till the end. Above all and the most needed, he provided me encouragement and support in various ways. I gratefully acknowledge his truly artistic intuition that has made him as a constant oasis of ideas and passions in design, which exceptionally inspire and enrich my growth as a student, a researcher and a designer want to be. My special thanks to Prof. Madya Abd Rahim Awang who has always been there for me. His support was warmth of my way in each bitter situation and difficulties that I confronted and it does mean a lot to me. My appreciation also goes to my dear advisors Prof. Madya Mohd Ishak Ibrahim and Dr. Sam Muhizam for all their care for this research.

It was not also easy to achieve without helps and supports of patients, their parents, care givers and managements of all four sample hospitals of studies.

Many thanks go in particular to my lovely parents. I am indebted to my mother more than she would know. I have to thank my both sisters, Shervin who is strength of my thoughts and to Sheller who is happiness of my life. A big thank to Soleyman Paydar for his unconditional help towards this thesis.

Finally, I would like to thank all who were important to the successful realization of this thesis, as well as expressing my apology that I could not mention personally one by one.