

**THE MUSICAL THERAPEUTIC EXERCISE PROGRAM IN
ORTHOPEDIC PATIENTS WARD, KRABI HOSPITAL**

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**A Thesis Submitted in Partial Fulfillment of the Requirements
for the Degree of Master of Public Health in Health Systems Development**

**College of Public Health
Chulalongkorn University**

Academic Year 2004

ISBN 974-9599-60-8

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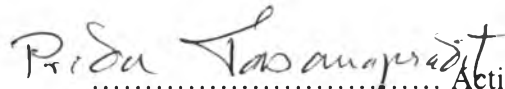
Thesis Title : The Musical Therapeutic Exercise Program in Orthopedic Patients Ward, Krabi Hospital

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Program : Health Systems Development


Thesis Advisor : Tanawat Likitkererat, M.S.

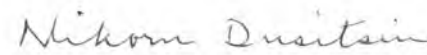
Accepted by the College of Public Health, Chulalongkorn University, Bangkok Thailand in Partial Fulfillment of the Requirements for the Master's Degree

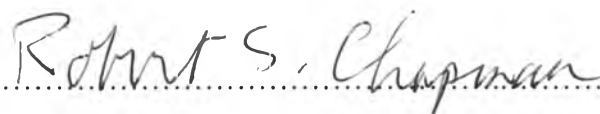

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PH: 012299 : MAJOR HEALTH SYSTEMS DEVELOPMENT

KEY WORDS : MUSICAL / THERAPEUTIC EXERCISE PROGRAM /
ORTHOPEDIC PATIENTS WARD/KRABI HOSPITAL

SUMALA KONGPOOL: THE MUSICAL THERAPEUTIC EXERCISE
PROGRAM IN ORTHOPEDIC PATIENTS WARD, KRABI HOSPITAL.
THESIS ADVISOR: TANAWAT LIKITKERERAT, M.S. 57 pp. ISBN 974-
9599-60-8

This research was a quasi-experimental study aiming to study the length of stay of orthopedic patients in orthopedic ward, Krabi hospital. The general objective was to apply the musical therapeutic exercise program to motivate the patients to take exercise to strengthen to prevent, to cure, and to rehabilitate the physical and mental state of orthopedic patients of Krabi hospital. The specific objective included study the length of stay of orthopedic patients of Krabi hospital after using the musical therapeutic exercise program and comparing the length of stay between the patients' group who attend the musical therapeutic exercise program and the patients' group who do not attend this program. The project was designated in three months period from March to May, 2004. The total of the population are 238 people who were admitted in orthopedic ward.

The analysis for this general information were made by SPSS 10.0 for windows. The measurements used were frequency, percentage, standard deviation. The length of stay was described means and T-test.

The findings of this study were that the most patients were male Buddhist. The average age were 15-32 years old. The main occupation were laborer. The organs injured were leg system. The most patients uses the gold card at a statistically significant level ($P < .05$). After using this program, the length of stay was decreased for 1 day. According to the finding of this study, there should be the promotion of therapeutic exercise program regularly and continuously for a better result.

Field of study Health Systems Development Student's signature *Sumala*
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ACKNOWLEDGEMENTS

The accomplishment of this thesis has made it possible because of contribution and participation of many persons to which I am most grateful.

I would like to thank to my advisor Ajarn Tanawat Likitkererat, Dr. Marc Ven der Putten and also a great appreciation to Dr. Robert. S. Chapman, Professor Nikorn Dusitsin ,and Associate professor Chanwit Kotheeranurak for their advice and supervision this thesis.

I wish to thank all my patients, facilitators, doctors and all friends in my ward for their help and support during my study research.

Finally I am grateful to Ajarn Paisarn Boonprakob, my family extra thank to my husband and my daughter for to their continuous participation in this study. If without them, this study would not have been successful.

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