

Quality of Life among Adults with Prosthesis Limbs

Thesis

Submitted in the Partial Fulfillment of Requirement of the
Master degree in nursing science
(Community Health Nursing)

By

Heba Samir Agamy

B.Sc.of Nursing (2010)

**Faculty of Nursing
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Supervised by

Dr. Nawal Mahmoud Soliman

Professor of Community Health Nursing
Faculty of Nursing, Ain Shams University

Dr. Ferial Fouad Maleka

Assistant Professor of Community Health Nursing
Faculty of Nursing, Ain Shams University

**Faculty of Nursing
Ain Shams University**

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

لسبحناك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدق الله العظيم

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*First and foremost I am grateful to **ALLAH** the most kind and merciful for helping me to achieve this work,*

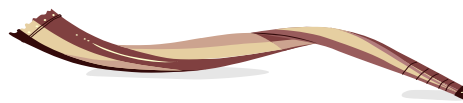
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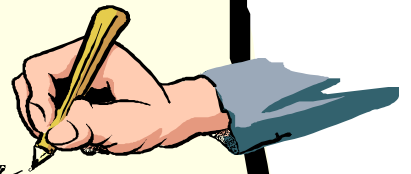


Heba Samir Agamy

Dedication

*This work is dedicated to
the most important persons
in my life*

✍ My family



Heba

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LIST OF ABBREVIATIONS

Abbreviation	Meaning
TD	Terminal Devices
COP	Center of Pressure
QOL	Quality of Life
HRQOL	Health Related Quality of Life
WHO	World Health Organization
CHN	Community Health Nurse

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Abstract

The loss of a limb is a devastating event, persons with a new prosthesis limbs face a complex set of tasks to return to an adaptive mobility status and to face social station, so the type and quality of the prosthesis affect the individual's physical and mental ability. **Aim:** Is to assess the quality of life among adults with prosthesis limbs. **Research design:** Descriptive study. **Sample:** A purposive sample of 193 adults with prosthesis limbs. **Setting:** This study was conducted at the Physical Medicine and Rehabilitation and Rheumatology Center affiliated to Armed force **Tool:** One tool was used for data collection for assessing demographic characteristics of adults with prosthesis limbs, their medical history, knowledge and practices toward prosthesis, also the quality of life for adults with prosthesis limb. **Results:** The study findings showed that about half of studied sample had poor physical quality of life, nearly three quarter of them had also poor psychological and economical quality of life. Also more than half of them had poor spiritual quality of life. Totally more than half of the studied sample had poor quality of life. **Conclusion** There was highly statistically significant relation between knowledge of adults with prosthesis related to prosthetic limb and their age, educational level and Job. Also there was highly statistically significant relation between educational level, marital status and job of adult with prosthesis limb and their practice. This study reflected that there was a highly significant relation between knowledge of adults with prosthesis related to prosthetic limb and their practice. Finally, this study clarifies that more than half of adults with prosthesis had poor quality of life. **Recommendations:** Regular awareness program should be conducted regarding prosthetic limb it's newer types, parts, complication and prevention of problem and appropriate intervention to decrease stress levels and anxiety to enhance quality of life among adults prosthetic limb.

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Keywords: Quality of Life, limb loss, adults with prosthesis limbs.

Introduction

Prosthesis is simply a tool which is an artificial replacement for a missing limb or part of a limb that can help person to be independent after missing body parts. Choosing to use one, or not, depends on personal goals. Prosthesis is used to provide an individual who has an amputated limb with the opportunity to perform functional tasks, particularly ambulation (walking) which may not be possible without the limb (*Marshall, 2015*).

Limb amputation is a life-changing event that can cause significant disruptions in many important areas of existence. Although individuals with limb loss regardless of the type of disability are confronted daily with the positive and negative impact of their abilities, there are certain ramifications when individuals can never choose to feel invisible or take a break from their difference. Even positive attention focused on how they are able to operate within their disability can be emotionally taxing over time (*Malik et al., 2012*).

Globally, amputation has become one of the common problems in the present society, a number of people who have one or both limbs are amputated increase worldwide.