شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

# بسم الله الرحمن الرحيم


HANAA ALY

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# جامعة عين شمس

# التوثيق الإلكتروني والميكروفيلم

# قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

# يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

HANAA ALY

# Family Care Giver's Knowledge and Practice Regarding The Medication Errors among Elderly People

Thesis

*Submitted for Partial Fulfillment of Master Degree in Community Health Nursing*

By

**Nora Abass Elsayed Mohamed**
**B.Sc. Nursing Science (2010-2011)**

**Faculty of Nursing**
**Ain Shams University**
**2021**

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*Submitted for Partial Fulfillment of Master Degree*

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**Nora Abass Elsayed Mohamed**

B.Sc. Nursing Science (2012)

Under Supervision of

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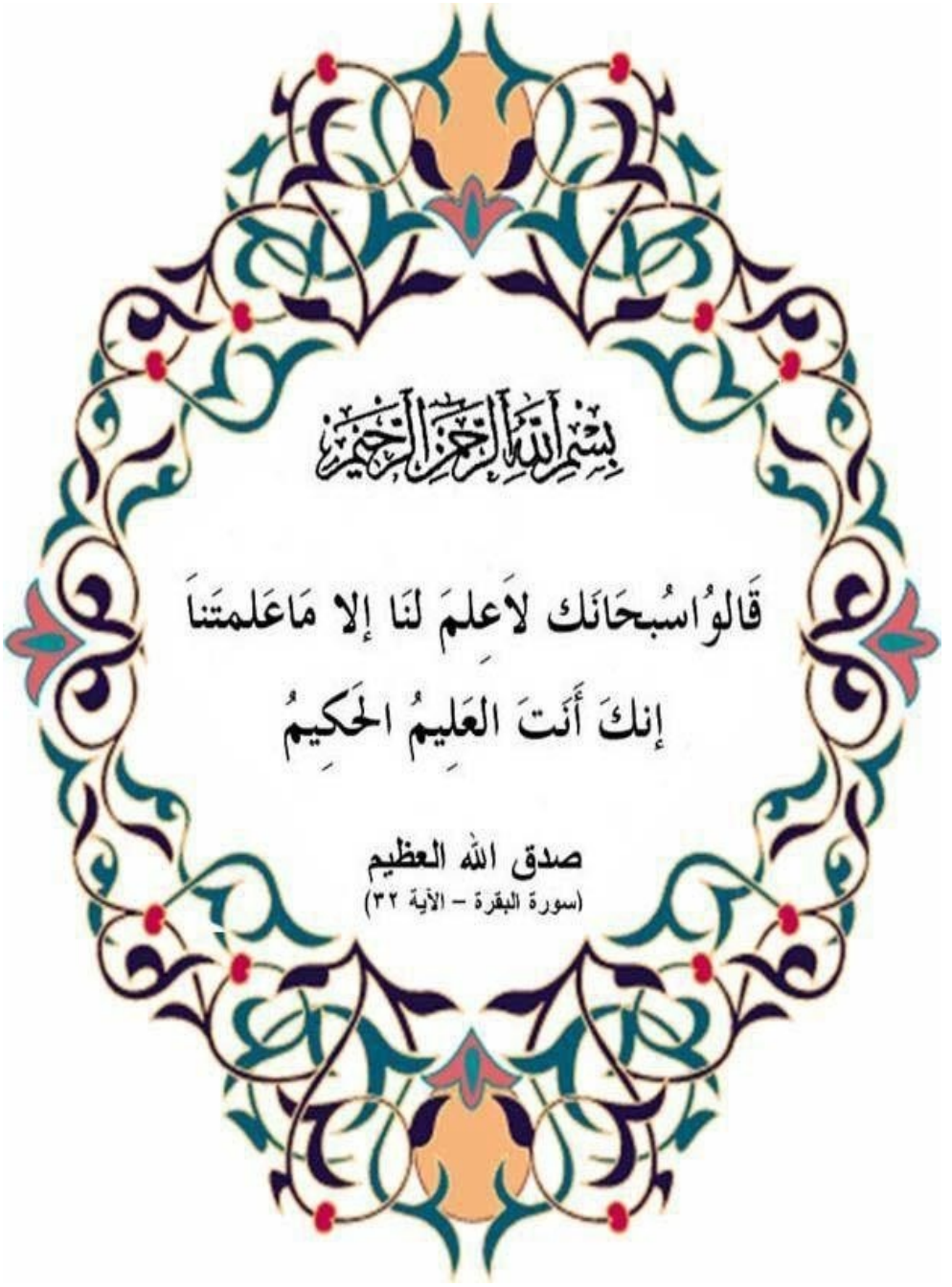
**2021**


بسم الله الرحمن الرحيم
قَالوُاسُبحَانَك لاَعلمَ لنَا إلا مَاعَلمتَناَ
إنكَ أَنتَ العَلِيمُ الحَكِيمُ
صدق الله العظيم
(سورة البقرة – الآية ٣٢)

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*Nora abass el sayed Mohamed*

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# List of Abbreviations

| Abb. | Full term |
|---|---|
| **ADE** | Adverse Drug Events |
| **ADL** | Activity Of Daily Living |
| **CDC** | Centers for Disease Control |
| **CKD** | Chronic Kidney Disease |
| **COPD** | Coronary Obstructive Pulmonary Disease |
| **FDA** | Food and Drug Administration |
| **GFR** | Glomerular Filtration rate |
| **HTN** | Hypertension |
| **IADL** | Instrumental Activities Of Daily Living |
| **NCCMERP** | Coordinating Council for Medication Error Reporting and Prevention |
| **OTC** | Over The Counter |
| **PHNs** | Primary Health Network |
| **PLWD** | People Living With Disabilities |
| **U S** | United State |
| **USDA** | United State Development of Agriculture |
| **USPSTF** | United State Preventive Services Task Force |
| **HCSS** | Home and Community Support Sector |
| **HSW** | Home Support Worker |
| **RN** | Register Nurse |

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# Abstract

## Family Care Giver's Knowledge and Practice Regarding The Medication Errors among Elderly People

**Supervised by: Prof. Dr. Faten khayrat El-guindi, professor of community health nursing. Dr. Mervat Mohamed Hassan, lecture of community health nursing**
***By:*** **Nora Abass Elsayed Mohamed**
**B. Sc.Nursing**

**The aim** to assess family care giver's knowledge and practice regarding the medication errors among elderly people Through : Assessing causes of medication errors, Assessing effect of medication errors on health status of elderly people, Assessing care giver awareness regarding medication error in elderly people and assessing knowledge of elderly people and care giver about medication errors. **Design** : descriptive design study was followed **Setting :** The study was conducted in the elderly clinic at outpatient at el shohadaa gouvernorat hospital and ain shams hôspital divided into:**1st tool:** An interviewing questionnaire which includes: elderly people socio demographic characteristic, medical history and medication assessment toward health status, and An interviewing questionnaire which includes: Family care giver's socio demographic characteristic, knowledge and practice toward medication errors among elderly people, **2nd Tool:** Observational Check list toward medication administration **3rd Tool**: Likert scale toward medication administration. **Result:** The present study concluded that, the family caregivers knowledge and practice already effect on the medication errors through elderly people 56.6% of the studied caregivers had poor level of knowledge regarding medication errors, 31.5% of them had average level, while 12.1% of them had good level of knowledge regarding medication error. The evidence suggests that this role is complex and is often made more difficult because of increasing medication complexities, health system practice and a lack of information, and training available to the family caregiver**. Conclusion:** There was positive correlation between family caregiver's knowledge and practices regarding medication errors among elderly people, Responsibility for managing medications for older adults in the community often falls to informal caregivers. **Recommendation:** future studies are needed for replication of study with program in other outpatient clinic.

**Key words:** Medication errors, Family caregiver, Elderly people

# Introduction

A medication or medicine is a drug taken to cure or ameliorate any symptoms of an illness or medical condition. The use may also be as preventive medicine that has future benefits but does not treat any existing or pre-existing diseases or symptoms. Dispensing of medication is often regulated by governments into three categories over-the-counter medications, which are available in pharmacies and supermarkets without special restrictions; behind-the-counter medicines, which are dispensed by a pharmacist without needing a doctor's prescription, and prescription only medicines, which must be prescribed by a licensed medical professional, usually a physician**(Health and Care Professions Council,2016)**.

**World Health Organization WHO(2017)**report that on medication safety emphasized that improving communication at transition points is vital to avoiding medication-related harm. Also, a recent commentary has highlighted the need for better transitional care in Australia to reduce the significant costs of medication mismanagement, including avoidable hospital (re)admissions. For example, poor medication management during or immediately after hospital admission increased the risk of readmission in the next month by 28%**(Wells., et al,2017).**

Medication errors refer to any preventable event that may cause or lead to inappropriate medication use or patient harm while the medication is in the control of the healthcare