



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



HANAA ALY



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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HANAA ALY

INFLUENCE OF FAMILY ENVIRONMENT ON DOMESTIC VIOLENCE CRIMES BY USING DNA TYPING METHODS

Submitted By

Nehad Aseem Mahmoud Mohamed El-Sherif

M.B.B.Ch., Faculty of Medicine, Cairo University, 1998

Master in Clinical Pathology, Faculty of Medicine, Al-Azhar University, 2006

A Thesis Submitted in Partial Fulfillment
Of
The Requirement for the Doctor of Philosophy Degree
In
Environmental Sciences

Department of Environmental Medical Sciences
Institute of Environmental Studies and Research
Ain Shams University

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APPROVAL SHEET
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This thesis was discussed and approved by:

The Committee

Signature

1-Prof. Dr. Mostafa Hassan Ragab

Prof. of Community Medicine and Environment, Department of
Environmental Medical Sciences

Institute of Environmental Studies & Research

Ain Shams University

2-Prof. Dr. Mohamed Saleh El-Din Mostafa

Prof. of Public Health

Faculty of Postgraduate of Childhood Studies

Ain Shams University

3-Prof. Dr. Amany Abdel Hakim Mousa

Prof. of Biochemistry, Faculty of Biotechnology

October University for Modern Sciences and Arts (M.S.A.)

Ex-Head of Clinical Lab. in Egyptian Authority of Forensic Medicine

Ministry of Justice

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Under The Supervision of:

1-Prof. Dr. Mostafa Hassan Ragab

Prof. of Community Medicine and Environment, Department of
Environmental Medical Sciences
Institute of Environmental Studies & Research
Ain Shams University

2-Prof. Dr. Gamal Shafik Ahmed

Prof. of Psychology
Faculty of Postgraduate of Childhood Studies
Ain Shams University

3-Dr. Shereen Shokry Saied

M.D Microbiology
Consultant in the Medical Laboratory in Egyptian Authority of Forensic
Medicine – Ministry of Justice

2021

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدقة الله العظيم

سورة البقرة الآية: ٣٢

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Nehad Assem Alsherif

ABSTRACT

**Nehad A. Alsherif (1), Mostafa H. Ragab(2), Gamal Sh.Ahmad (3) ,
Shereen Sh. Said(4)**

(1) Egyptian Forensic Medicine Authority-Medical lab -Ministry of Justice.

(2) Department of Environmental Medical sciences, Institute of Environmental Studies and Researches, Ain Shams University.

(3) Institute of Postgraduate Studies Of Childhood- Ain Shams University

(4) Egyptian Forensic Medicine Authority-DNA-Ministry of Justice.

INTRODUCTION: Domestic Violence (DV) is the abuse of one partner within an intimate or family relationship. It is the repeated, random and habitual use of intimidation to control a partner. Adult most often use it against their intimate partners, such as current or former spouses, sibling and offspring and vice versa. It includes physical violence, sexual violence, psychological violence, emotional abuse and even murder. The frequency and severity of domestic violence can vary dramatically; however, the one constant component of domestic violence is one partner's consistent efforts to maintain power and control over the other.

AIM OF THE WORK: To mitigate the possible domestic role as a causative factor in family violence crimes.

SUBJECTS AND METHODS: This is a cross sectional study on 100 randomized chosen cases attended to domestic violence clinic and forensic

medical lab in domestic violence crimes during (2018) History was taken Through Questionnaire and Samples were collected (blood, semen, nails,..etc) and DNA was extracted using manual Qiagen extraction kit or Qiagen automated kit using EZ1. Extracted DNA was then quantified using Quatifier® Human DNA Quantification kit by Step one Real Time PCR. Samples were amplified using AmpFlSTR R Identifier R Plus PCR Amplification Kit (Life Technologies Applied Biosystems). Amplified PCR products were run electrophoretically on a 3130xl or 3500 Genetic Analyzer (Life Technologies Applied Biosystems)

RESULTS: We detected that the majority of DV crimes were sexual assault (64%) then murder comes in the second degree (22%) then physical violence (16%).

It was found that the majority of victims exposed to domestic violence crimes were females and children, unemployed, low educational level and low income.

The majority of predators were adult male with low education level, and mostly unemployed. Addiction and substance abuse is linked to domestic violence in a strong way.

CONCLUSION: poor family status, low income, low education level, and drugs and alcohols abuse are the main risk factors for family violence crimes.

KEYWORDS: domestic violence, DNA typing, family violence, crimes

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