

Ain Shams University Faculty of Pharmacy

Department of Pharmaceutics and Industrial Pharmacy

# Transdermal delivery of an antihypertensive drug

by

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Quality control special in National Organization for Drug Control and Research (NODCAR)

Bachelor degree of pharmaceutical science (2004)

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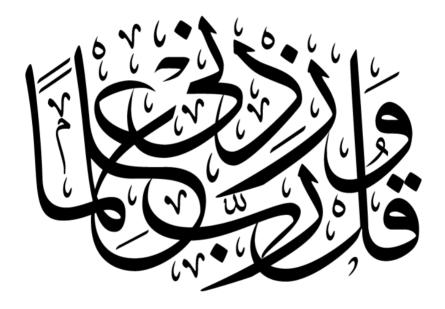
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(2017)



## Acknowledgements

First and foremost thanks to God by the grace of whom this work was achieved.

Words not enough to express my profound gratitude to the ideal mother **Prof. Omaima Ahmed Amin Sammour,** Professor of Pharmaceutics and Industrial Pharmacy, faculty of pharmacy, Ain Shams University. I am indebted to her for the great help and effort. She devoted for the completion of the thesis, for her instructive supervision, valuable advices and moral support.

I would like to express my sincere gratitude and enormous appreciation to **Dr. Rihab Osman Ahmed,** Associate Professor of Pharmaceutics and industrial pharmacy, Ain Shams University. For careful and exigent reading of the thesis, critical comments, valuable advices, sincere encouragement, judicious suggestion and interpreting the results. She was never lacking in kindness and support.

My deepest appreciation to **the soul of Dr. Abd El Moneim Abd El Ghany Swealem,** Researcher at National Organization of Drug Control and Research (NODCAR) for his valuable support and his great efforts in planning, supervising the work, indispensable help and providing me with all facilities required to fulfill this work. Oh Allah! Forgive him and have mercy on him and pardon him.

I am greatly thankful to **Dr. Dalia Mahmoud,** Assistant lecturer of Pharmaceutics and industrial pharmacy, Ain Shams University. For her technical advice and support.

I am greatly thankful to **Dr. Amira Hamed,** Assistant lecturer of Pharmaceutics and industrial pharmacy, Ain Shams University. For her technical advice and support.

My deep appreciation to all my colleagues in NODCAR, especially TLC lab for their valuable support.

#### Dedication

I dedicate this thesis to the soul of my mother, to my dearest father, who without his support in all my life this thesis wouldn't have appeared, to my dearest sister, brother and uncle.

Finally, I would like to express my infinite appreciation to my supportive Mohamed, my husband and my lovely children Sara, Marwan and Moataz for their support.

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Arabic summary.

## **List of Abbreviations**

ACE Angiotensin converting enzyme

ANOVA Analysis of variance

AT1 Angiotensin II receptor type 1
AT2 Angiotensin II receptor type 2

AllRA Angiotensin II receptor antagonist

 $AUC_{(0-\infty)}$  Area under the plasma concentration curve from time

zero to infinity

AUC (0-t) Area under the plasma concentration curve from time

zero to time t

BAV Bioavailability

BGL Blood glucose level

BP Blood pressure

C<sub>max</sub> Maximum peak plasma concentration.

CDR% Cumulative drug release %

Conc Concentration

CV% Coefficient of variation percent

Da Dalton

DMSO Dimethyl sulfoxide

DSC Differential scanning calorimetry

EC Ethyl cellulose

EE% Entrapment efficiency %

ET Ethosomes

FDA Food and Drug Administration

FT-IR Fourier transform infrared spectrometry

GLY Glycerol

h Hour

HPMC Hydroxy propyl methyl cellulose

HPLC High performance liquid chromatography

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