Pregnancy and Auto-immune Rheumatic Diseases

Essay
Submitted for Partial Fulfillment of Master Degree in Physical Medicine,
Rheumatology and Rehabilitation

By

Samah Ahmed Rashad

M.B., B.CH. Faculty of Medicine Zagazig University

Under supervision of

Prof. Dr.

Mervat Abd-Elhamid Reda

Prof. of Physical Medicine, Rheumatology and Rehabilitation Faculty of Medicine Ain Shams University

Prof. Dr.

Mona Lotfy Zamzam

Prof. of Physical Medicine, Rheumatology and Rehabilitation Faculty of Medicine Ain Shams University

Dr.

Rana Ahmed El-Hilaly

Lecturer of Physical Medicine, Rheumatology and Rehabilitation Faculty of Medicine Ain Shams University

Faculty of Medicine Ain Shams University **2010**





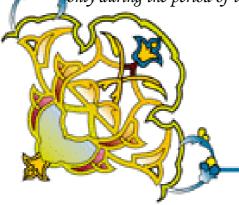
First of all, many thanks will never be enough to express my endless gratitude to \boldsymbol{Allah} for giving me the strength and support to carry out this work.

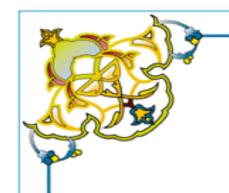
I would like to express my deep appreciation wrapped with great respect to **Prof. Dr. Mervat Abd-Elhamid Reda,** Professor of Physical Medicine, Rheumatology and Rehabilitation, Faculty of Medicine, Ain Shams University, who not only encouraged me but also provided tireless help and continuous guidance throughout this work.

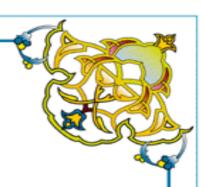
I am greatly honored to express my deepest gratitude to **Prof. Dr. Mona Lotfy Zamzam,** Professor of Physical Medicine, Rheumatology and Rehabilitation,
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Special thanks go to **Dr. Rana Ahmed El-Hilaly,** lecturer of Physical Medicine, Rheumatology and Rehabilitation Faculty of Medicine Ain Shams University for her encouragement & expert supervision.

Finally, I would like to thank my family for their encouragement and support not only during the period of this work but also during my whole life.





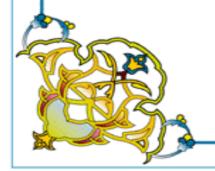


Dedication

I would like to dedicate this work to all who helped, supported and wished me the best, especially,

My compassionate mother,

My beloved wonderful husband Eng. Ahmed Bari & My beautiful kids Farah and Mariam.





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LIST OF ABBREVIATIONS

ACR American College of Rheumatology ACPA Anti-Citrullinated Protein Antibody α Alpha ANA Antinuclear Antibody ANCA Antinuclear Antibody APCS Antigen Presenting Cells aPL antiphospholipid antibodies APS Antiphospholipid Syndrome AS Ankylosing Spondylitis β Beta β2GPI Beta 2 Glycoprotein I Bel2 B cell lymphoma 2 BD Behçet's Disease BMI Body Mass Index BUN Blood Urea Nitrogen C Complement c+ANCA cytoplasmic Antineutrophil Cytoplasmic Antibodies CD40L Cluster of Differentiation 40 ligand cGCR cytosolic Glucocorticoid Receptor CHB Congenital Heart Block CK Creatine Kinase CQ Chloroquine Cr Creatinine CSA Cyclosporine A CSF Colony Stimulating Factors CSS Churg-Strauss Syndrome CTD Connective Tissue Diseases CTLA Cytotoxic T-Lymphocyte Antigen CYC Cyclophosphamide COX Cyclooxygenase DAS Disease Activity Score DC Dendritic Cells DHEA Dehydroepiandrosterone DHEAS Dehydroepiandrosterone DHEAS Dehydroepiandrosterone Sulphate DIP Distal Interphalangeal DM Dermatomyositis		LIST OF ABBREVIATIONS
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DM Dermatomyositis	DHEAS	Dehydroepiandrosterone Sulphate
•	DIP	Distal Interphalangeal
DMARDs Disease Modifying Anti-Rheumatic Drugs.	DM	Dermatomyositis
	DMARDs	Disease Modifying Anti-Rheumatic Drugs.