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**A Study Of Biocompatibility
and Adequacy Of Dialysis
With Different Types of Membranes**

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Sh. F.

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Thesis



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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿وَفَا أَنْفُسَكُمْ أَفَلَا تُبْصِرُونَ﴾

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TO DAD AND MUM

WHO GAVE ME TOO MUCH
AND RECEIVED TOO LITTLE

TO DR. SAYED AWAD

TO WHOM NO WORDS OF PRAISE AND
RESPECT WOULD BE SUFFICIENT. THE MAN
WHO GAVE ME THE GREAT MEANING OF
TO BE OR NOT TO BE

TO MY FIANCEE

FOR HER SUPPORT, PATIENCE
AND CARE MOSTLY

LIST OF ABBREVIATION

<i>A.β.M.</i>	Amyloidosis	: Associated Beta 2 Microglobulin Amyloidosis
<i>A.L.T</i>		: Alanine Transaminase.
<i>A.R.F</i>		: Acute Renal Failure .
<i>A.S.T</i>		: Aspartate Transaminase.
<i>B.C.M</i>		: Biocompatible Membrane .
<i>B.I.C.M</i>		: Bioincompatible Mebrane .
<i>B2. M</i>		: Beta 2 Microglobuline .
<i>B.TG</i>		: B - Thromboglobuline .
<i>B.U.N</i>		: Blood Urea Nitrogen .
<i>C3 a</i>		: Complement 3 A.
<i>C5 a</i>		: Complement 5A.
<i>C.R.F</i>		: Chronic Renal Failure.
<i>C.U</i>		: Cuprophan .
<i>D.E.A.E</i>		: Di - Ethyl - Amino - Ethyl .
<i>D.R.A</i>		: Dialysis Related Amyloidosis .
<i>E.S.R.D</i>		: End Stage Renal Disease .
<i>E.T.O</i>		: Ethylene Oxide .
<i>G.F.R</i>		: Glumerular Filtration Rate .
<i>Hb%</i>		: Haemoglobin

<i>Hc%</i>	: Haematocrit
<i>H.E</i>	: Hemophan .
<i>I.C.A.M-1</i>	: one of the adhesive molecules
<i>I.L-1</i>	: Interleukin - 1 .
<i>IL-2R</i>	: Interleukin 2 Receptor .
<i>Ko.A</i>	: Dialyzer mass transfer area coefficient
<i>K.U.F</i>	: Ultrafiltration Coefficient .
<i>KT/V</i>	: K= Dialyzer Clearance T= Dialysis Time V= Volume Of Distribution Of Urea .
<i>Plasma. L.P.O</i>	: Plasma Lipid Per Oxidation .
<i>M.W</i>	: Molecular Weigth .
<i>O.H</i>	: Hydroxyl Group .
<i>O.S</i>	: Oxidative Stress .
<i>P.A.N</i>	: Polyacroylonitrile .
<i>P.F4</i>	: Platelet Factor 4.
<i>P.M.M.A</i>	: Polymethyl Methacrylate .
<i>P.M.N.Ls</i>	: Polymorphonuclear Leucocytes .
<i>P.S</i>	: Polysulfone .
<i>R.R.T</i>	: Renal Replacement Therapy .
<i>T.C.C</i>	: Terminal Complement Complex .
<i>T. M.P</i>	: Trans Membrane Pressure .
<i>T.N.F</i>	: Tumour Necrosis Factor .
<i>U.F</i>	: Ultrafiltration .

List Of Tables

- 1- Dialysis Conditions With Effect On Clearance.
- 2- Mechanisms Of Hypoxaemia During Haemodialysis.
- 3- Interfaces Of Biocompatibility.
- 4- Biocompatibility And Intradialytic Complications
- 5- Changes Of W.B.C. Count During H.D.
- 6- Changes Of C3a level During H.D.
- 7- Changes Of Beta 2 Microglobulin Level During H.D.
- 8- Urea Clearance By Different Membranes.
- 9- Phosphorus Clearance By Different Membranes.
- 10- Changes Of Platelet Count During H.D.
- 11- Comparison Between Cuprophane Hemophane And Polysulfone .

CONTENTS

Part 1	: Introduction And Aim Of The Work	1-2
Part 2	: Review Of Literature	3 -70
	☆Renal Replacement Therapy	3 -15
	☆Membrane Classification	16 - 30
	☆ Membrane Evaluation	31 - 37
	☆ Biological Interactions	38 - 46
	☆ Biocompatibility And Clinical Choice Of Dialysis Membrane	74 - 61
	☆Dialysis Related Amyloidosis	62 - 70
Part 3	: Patients , Materials And Methods	71 - 73
Part 4	: Analysis Of Results	74 - 85
Part 5	: Discussion	86 - 92
Part 6	: Summary And Conclusion	93 - 94
Part 7	: Refrences	95 - 118
Part 8	: Arabic Summary	

