

**Prevalence of antibodies to hepatitis C  
virus infection among haemodialysis  
patients in kafr Elsheikh governorate  
sector(A)**

**Thesis**

Submitted for partial fulfillment of Master Degree in  
Nephrology

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## **List of Abbreviations**

<b><i>ALT</i></b>	:Alanine Aminotransferases
<b><i>ACEIs</i></b>	:Angiotensin Converting Enzyme Inhibitors
<b><i>ARBs</i></b>	:Angiotensin Receptor Antagonists
<b><i>AST</i></b>	:Aspartate Aminotransferases
<b><i>BUN</i></b>	:Blood Urea Nitrogen
<b><i>CDC</i></b>	:Center for Diseases Control and Prevention
<b><i>CKD</i></b>	:Chronic kidney disease
<b><i>DOPPS</i></b>	:Dialysis Outcomes and Practice Pattern Study
<b><i>DNA</i></b>	:Deoxyribonucleic Acid
<b><i>EDHS</i></b>	:Egyptian Demographic Health Survey
<b><i>ELISA</i></b>	:Enzyme Linked Immunosorbent Assay
<b><i>ESRD</i></b>	:End stage Renal Disease
<b><i>FAD</i></b>	:Food and Drug Administration
<b><i>GFR</i></b>	:Glomerular Filtration Rate
<b><i>HBs-Ag</i></b>	:Hepatitis B Virus surface Antigen
<b><i>HBV</i></b>	:Hepatitis B Virus
<b><i>HCV</i></b>	:Hepatitis C Virus
<b><i>HCV-Abs</i></b>	:Hepatitis C virus-Antibodies
<b><i>HD</i></b>	:Hemodialysis
<b><i>HIV</i></b>	:Human Immunodeficiency Virus
<b><i>HMG-CoA</i></b>	:Hydroxy Methyl Glutaryl Coenzyme A
<b><i>HRS</i></b>	:Hepato-Renal Syndrome
<b><i>IFN</i></b>	:Interferon
<b><i>IVDA</i></b>	:Intra Venous Drug Abuse
<b><i>IRES</i></b>	:Internal Ribosomal Entry Site
<b><i>KDIGO</i></b>	:Kidney Disease Improving Global Outcomes

### **List of Abbreviations (Cont.)**

<b><i>KDOQI</i></b>	:Kidney Disease Outcomes Quality Initiative
<b><i>MPGN</i></b>	:Membrano-Proliferative Glomerulo Nephritis
<b><i>NSF</i></b>	:National Service Framework
<b><i>NCR</i></b>	:Non Coding Region
<b><i>NHANES</i></b>	:National Health And Nutrition Examination Survey
<b><i>NICE</i></b>	:National Institute of Health and Clinical Excellence
<b><i>NIH</i></b>	:National Institute of Health
<b><i>NKF</i></b>	:National Kidney Foundation
<b><i>NS</i></b>	:Non Structural
<b><i>NTR</i></b>	:Non Translated Region
<b><i>ORF</i></b>	:Open Reading Frame
<b><i>PA</i></b>	:Physician Assistant
<b><i>PAT</i></b>	:Parenteral Antischistomal Therapy
<b><i>PCK</i></b>	:Poly Cystic Kidney.
<b><i>PCR</i></b>	:Polymerase Chain Reaction
<b><i>PEG-IFN</i></b>	:Pegylated Interferon
<b><i>PMP</i></b>	:Per Million Population
<b><i>PD</i></b>	:Peritoneal Dialysis
<b><i>RCTs</i></b>	:Randomized Controlled Trials
<b><i>RRT</i></b>	:Renal Replacement Therapy
<b><i>RIBA</i></b>	:Recombinant Immunoblot Assay
<b><i>RNA</i></b>	:Ribo-Nucleic Acid
<b><i>RT-PCR</i></b>	:Reverse Transcription Polymerase Chain Reaction
<b><i>SD</i></b>	:Standard Deviation
<b><i>SLE</i></b>	:Systemic Lupus Erythromatosis
<b><i>SVR</i></b>	:Sustained Virologic Response
<b><i>TMA</i></b>	:Transcription Mediated Amplification
<b><i>WHO</i></b>	:World Health Organization

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# Introduction and Aim of the Work

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# Review of Literature

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## Chapter (1)



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# *Hepatitis C Virus (HCV) Infection*

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## Chapter (2)

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# *HCV Infection in Hemodialysis*

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## Chapter (3)

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# *Chronic Kidney Disease*

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# Patients and Methods

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# Results

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# Discussion

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