



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



شبكة المعلومات الجامعية  
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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

## قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
علي هذه الأفلام قد أعدت دون أية تغيرات



## يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of  
15-25- c and relative humidity 20-40%

# بعض الوثائق الأصلية تالفة

# بالرسالة صفحات لم ترد بالاصل



# HEPATITIS C VIRUS PREVALENCE IN PEDIATRIC NON-HODGKIN LYMPHOMA

*Thesis*

*Submitted in partial fulfillment for the requirements of  
the Master Degree in Pediatrics*

*By*

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*Mohamed El Naghi*  
2006





## *Dedication*

This work is dedicated to the individuals who have given meaning to my life;

To my **parents**, who gave me every thing and took nothing.

To my **sisters**, who helped me in every step of my life.

To my colleagues in MUCH who helped me to complete this work.

*Mohamed El Naghi*  
2006





## *Abbreviations*

Ag	Antigen
AIDS	Acquired Immunodeficiency Syndrome
ALT	Alanine transaminase
AML	Acute myeloid leukemia
Anti-HBc	Antibody of Hepatitis B core
Anti-LKM-1	Antibodies to actin and to liver/kidney microsomes
AST	Aspartate transaminase
BFGF	Basic fibroblast growth factor
BMT	Bone marrow transplantation
BUN	Blood Urea Nitrogen
CD	Cluster of differentiation
CDC	The Centers for Disease Control
CNS	Central nervous system
CT	Computed tomography
CXR	Chest X-ray
CYP	Cytochrome P450
DLBCL	Diffuse large B-cell NHL
DNA	Deoxyribo nucleic acid
EBV	Ebstein Barr Virus
ECOG	Eastern Cooperation Oncology Group
EIA	Enzyme Immuno Assay
EMC	Essential Mixed Cryoglobulinemia
FDA	Food and Drug Administration
FDG	Fluorodeoxyglucose
Fig	Figure
FISH	Fluorescent in situ hybridization
FNA	Fine Needle Aspiration
GEP	Gene Expression Profiling
GI	Gastrointestinal
GST	Glutathione S-Transferase.
HBsAg	Hepatitis B surface antigen
HBV	Hepatitis B Virus
HCC	Hepatocellular Carcinoma
HCV	Hepatitis C virus
HD	Hodgkin's disease
HIV	Human Immunodeficiency Virus

HTLV	Human T-cell Lymphotropic Virus
HVR	Hypervariable region
IFN	Interferon
IGF	Insulin like growth factors
IHC	Immunohistochemistry
IL	Interleukin
IMPDH	Inosine Monophosphate Dehydrogenase
IPI	International Prognostic Index
IRES	Internal ribosomal entry site
ITP	Idiopathic thrombocytopenic purpura
IU	International unit
LDH	Lactate dehydrogenase
LP	Lichen Planus
mAbs	Monoclonal antibodies
MALT	Mucosa-associated lymphoid tissue
MG	Myasthenia gravis
MP-NAT	Minipool nucleic acid testing
MRI	Magnetic resonance imaging
MUCH	Mansoura University Children Hospital
NAT	Nucleic acid testing
Nc	Noncoding
NHL	Non Hodgkin Lymphoma
NK	Natural killer
NO.	Number
NSI-NS6	Non structural proteins 1- 6
ORF	Open reading frame
P	Propability value
PAT	Parenteral antischistosomal therapy
PBSC	Peripheral blood stem cell (PBSC)
PCT	Porphyria cutanea tarda
PET	Positron emission tomography
REAL	Revised European-American Lymphoma
RIBA	Recombinant ImmunBlot Assay
RNA	Ribonucleic acid
RQ-PCR	Real time Quantitative polymerase chain reaction
RT	Reverse transcription

SGOT	Serum glutamic oxalacetic transaminase
SGPT	Serum glutamic pyrovate transaminase
SiRNAs	Small interfering RNAs
SPECT	Single photon emission computed tomography
SVR	Sustained Viral Response
TNF	Tumour necrosis factor
TNM	Tumor – Lymph Nodes- Metastasis
U/S	Ultrasonography
USA	United States of America
VEGF	Vascular endothelial growth factor
WF	Working Formulation
WHO	World Health Organization



