

INDEX

Aim Of The Work.....	1
Review of literature	
CHAPTER ONE: Pathology And Classification Of	
 Lymphoma.....	2
➤ Morphologic Examination And Immunophenotypic Analysis	
• Non-Hodgkin Lymphoma.....	2
• Hodgkin Lymphoma.....	19
➤ Classification Of Lymphomas.....	22
CHAPTER TWO: Approaches To Immunotherapy.....	27
➤ Antibody Approaches.....	27
➤ Cellular Approaches.....	33
CHAPTER THREE: Overview Of Monoclonal Antibodies In	
 Cancer Therapy.....	35
➤ HISTORY.....	35
➤ Cancer Therapy With Engineered Monoclonal Antibodies.....	38
➤ Monoclonal Antibodies.....	54
• Rituximab	54
• Alemtuzumab	97
• Epratuzumab.....	104
• SGN30	106
CHAPTER FOUR: Immunochemotherapy Of Lymphoma,	
 Evidence Based Medicine Review.....	109
➤ Use Of Rituximab In Patients With Follicular Lymphoma.....	109
• Trials Of Rituximab Plus Chemotherapy In First-Line Treatment.....	110
• Indolent histology B-cell and mantle cell lymphomas.....	113
• Randomised Trials of Rituximab with Chemotherapy in Relapsed Disease.....	123
➤ Treatment Of Aggressive Non-Hodgkin Lymphoma.....	126

➤ Alemtuzumab.....	138
➤ Epratuzumab.....	147
➤ Immunotherapy For Hodgkin's lymphoma.....	148
• Targeting CD30.....	148
• Targeting CD20.....	157

CHAPTER FIVE: Future Prospects Of Immunotherapy As Cancer Treatment.....160

➤ Vaccines For Tumor Prevention.....	160
➤ Cancer Vaccines As Treatment	163
➤ How To Improve Current Therapy: Combination Therapy.....	165