CONTENTS

Contents	Page
Acknowledgment	1
List of abbreviation	2
List of tables	4
List of figures	5
Introduction	6
The aim of the work	8
Review	9-48
Chronic kidney disease	9
Echocardiography assessment of left ventricular functions	31
Doppler tissue imaging	42
Subject and methods	49
Statistical analysis	51
Results	69
Discussion	75
Conclusion and recommendation	82
References	83
Summary	96
Appendex	97
Arabic summary	102