

Table of Contents

	Page
Introduction	1
Aim of the work	2
Review of literature	
➤ Left atrial anatomy and function	3
• Left atrial anatomy	3
• Left atrial function	10
• Evaluation methods for left atrium	14
➤ Left atrium in disease states.....	35
• Arterial hypertension and left atrium	35
• Left ventricular hypertrophy and left atrium	37
• Myocardial ischemia and left atrium	38
• Heart failure and left atrium	40
• Diabetes mellitus and left atrium.....	43
• Obesity and left atrium.....	44
➤ Ischemic cerebrovascular stroke	45
• Background.....	45
• Prevalence of Ischemic strokes	46
• Prognosis.....	47
• Cardioembolic stroke.....	49
Patients and methods	74
Results	84
Discussion	102
Conclusion and recommendations	118
Summary	119
Master tables	122
References	126
Arabic summary	