Chapter 1  General introduction and outline of the thesis

PART I  MYOCARDIAL INFLAMMATION IN PATIENTS WITH SUSPECTED MYOCARDITIS

Chapter 2  Diagnosis of myocarditis: current state and future perspectives
*Int J Cardiol.* 2016 Mar 15;207:217-9

Chapter 3  Additional diagnostic value of CMR to the European Society of Cardiology (ESC) Position Statement Criteria in a large clinical population of patients with suspected myocarditis
*Eur Heart J Cardiovasc Imaging.* 2018 Dec 1;19(12):1397-1407

Chapter 4  The diagnostic potential of a skeletal muscle biopsy in myocarditis: A proof-of-principle study
Submitted

Chapter 5  CD45 is a more sensitive marker than CD3 to diagnose lymphocytic myocarditis in the endomyocardium
*Human Pathology.* 2017 Apr;62:83-90

PART II  CARDIOVASCULAR INVOLVEMENT IN ANKYLOSING SPONDYLITIS

Chapter 6  Insights into cardiac involvement in ankylosing spondylitis from cardiovascular magnetic resonance
*Heart.* 2016 May;103(10):745-752

Chapter 7  Assessment of aortic stiffness in patients with ankylosing spondylitis using cardiovascular magnetic resonance
*Clin Rheumatol.* 2018 May 12. [Epub ahead of print]
PART III  CARDIOVASCULAR INFLAMMATION IN ACUTE MYOCARDIAL INFARCTION

Chapter 8  Changes in remote myocardial tissue after acute myocardial infarction and its relation to cardiac remodeling: A CMR T1 mapping study

Chapter 9  Lymphocytic myocarditis occurs with myocardial infarction and coincides with increased inflammation, hemorrhage and instability in coronary artery atherosclerotic plaques
*International Journal of Cardiology. 2017 Apr;232:53-62*

SUMMARY

Chapter 10  General summary and future perspectives

APPENDICES

Samenvatting en toekomstperspectieven

Curriculum vitae

List of publications

Dankwoord