Dynamics of intracoronary thrombosis in STEMI and sudden death patients

Kramer, M.C.A.

Citation for published version (APA):

General rights
It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: https://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

UvA-DARE is a service provided by the library of the University of Amsterdam (http://dare.uva.nl)

Download date: 25 Jan 2020
Table of contents

Chapter 1:  
General introduction and thesis outline.

Part I: Thrombus aspiration and histopathology in ST-segment elevation myocardial infarction

Chapter 2:  
Histopathological characteristics of thrombectomy specimen after primary percutaneous coronary intervention in patients with ST-elevation myocardial infarction.

Chapter 3:  
A pattern of disperse atherosclerotic plaque microcalcifications identifies a high inflammatory burden in thrombectomy specimen of STEMI patients undergoing primary percutaneous coronary intervention.
*Atherosclerosis* 2011 Sep; 218(1): 83-89.

Chapter 4:  
Early onset of endothelial cell proliferation in coronary thrombi of patients with acute myocardial infarction – implications for plaque healing.

Part II: Thrombus aspiration, thrombus age, and prognosis after ST-segment elevation myocardial infarction

Chapter 5:  
The presence of older thrombus is an independent predictor of long-term mortality in patients with acute ST-elevation myocardial infarction treated with thrombus aspiration during primary percutaneous coronary intervention.

Chapter 6:  
Incremental value of thrombus age to multiple biomarkers for the prediction of 1-year mortality in patient with ST-segment elevation myocardial infarction.
*Submitted for publication.*
Chapter 7: 101
Histopathology of aspirated thrombus and its association with ST-segment recovery in patients undergoing primary PCI with routine thrombus aspiration.
*Catheterization and Cardiovascular Interventions* 2011 Jan 1; 77(1): 35-42.

Chapter 8: 117
Thrombus aspiration alone during primary PCI as definitive treatment in acute ST-segment elevation myocardial infarction.
*Catheterization and Cardiovascular Interventions* 2012 May 1; 79(6): 860-867.

Chapter 9: 131
Clinical and angiographic predictors and prognostic value of failed thrombus aspiration in primary percutaneous coronary intervention.

**Part III: Atherosclerosis in sudden (cardiac) death patients**

Chapter 10: 147
Natural progression from pathologic intimal thickening to late fibroatheroma in human coronary plaques: a pathology study.
*In preparation for submission.*

Chapter 11: 171
The temporal relationship and clinical significance of plaque substate in healing coronary thrombi from sudden deaths attributed to rupture and erosion.

Chapter 12: 191
Fatal very late stent thrombosis in a paclitaxel-eluting stent after treatment of a gastrointestinal bleeding: case report.
Part IV: Summary and final remarks

Chapter 13:
Summary and conclusions 201
Samenvatting en conclusies 209

Chapter 14:
Dankwoord 217
List of publications 223
Curriculum Vitae 225