CONTENTS

Chapter 1  General introduction 9
Chapter 2  Potential cellular and molecular causes of hypertrophic scar formation 17
Chapter 3  Prevention and curative management of hypertrophic scar formation 43
Chapter 4  Hypertrophic scar formation after operation: evolution and susceptibility 65
Chapter 5  Topical calcipotriol for preventive treatment of hypertrophic scars:
a randomized, double-blind, placebo-controlled trial 79
Archives of Dermatology, 2009;145(11):1269-75.
Chapter 6  Perioperative conditions affect long-term hypertrophic scar formation 93
Chapter 7  Macrophage influx and phenotype during normotrophic and
hypertrophic scar formation in humans 105
Manuscript in preparation
Chapter 8  Time course of the angiogenic response during normotrophic and
hypertrophic scar formation in humans 121
Chapter 9  Summarizing discussion 139
Appendices  Summary 155
Nederlandse samenvatting 158
Dankwoord 162
List of publications 164