

# Contents

Authors	VI
Preface	VII
Structure of This Book	XII
Explanation of the cover	XII
Augmented Reality in this book	XIII
Testimonials	XIV
Abbreviations	XXII
General Introduction to L-PRF: Leukocyte- and Platelet-Rich Fibrin	1

## Part A     Basic Science and Preparation of L-PRF

Chapter 1	Blood Composition and Cellular Characteristics	13
Chapter 2	Wound Healing	17
Chapter 3	Centrifugation of Blood via Specific L-PRF Protocols	29
Chapter 4	General Characteristics and Mode of Action of L-PRF Membranes	39
Chapter 5	Potential Role of L-PRF in Periodontal Regeneration	65
Chapter 6	Preparation of Various L-PRF Constructs	75

## Part B     Clinical Applications of L-PRF

Chapter 7	L-PRF as Substitute for Ridge Preservation	89
Chapter 8	The Use of L-PRF in Sinus Therapy	109
Chapter 9	The Use of L-PRF During Bone Regeneration Procedures	137
Chapter 10	Implant Coating with L-PRF to Facilitate Osseointegration	163
Chapter 11	L-PRF to Promote the Regeneration of Intrabony Defects Around Teeth	171
Chapter 12	The Use of L-PRF for Periodontal Plastic Surgery	187
Chapter 13	L-PRF in the Management of Peri-Implantitis	203
Chapter 14	L-PRF for the Management of MRONJ	211
Chapter 15	L-PRF Soft-Blocks for Ridge Preservation in Sockets with Major Bone Defects	219
Chapter 16	Step-by-Step Protocols	227
Chapter 17	L-PRF for Extraoral Wounds	249
Epilogue		271
Index		273