

PRP and Microneedling in Aesthetic Medicine

Amelia K. Hausauer, MD

Fellowship-Trained Cosmetic Dermatologist

Director of Dermatology

Aesthetx

Campbell, California, USA

Derek H. Jones, MD

Cosmetic Fellowship Director

American Society for Dermatologic Surgery

Medical Director

Skin Care and Laser Physicians of Beverly Hills

Los Angeles, California, USA

62 illustrations

Thieme

New York • Stuttgart • Delhi • Rio de Janeiro

Contents

	Menu of Accompanying Videos.....	viii
	Preface	ix
	Contributors.....	xi
I	Platelet-Rich Plasma Principles and Practices	
1.	Platelet-Rich Plasma: Mechanism and Practical Considerations..... <i>Brian J. Abittan and Gary Goldenberg</i>	3
2.	Platelet-Rich Plasma and Fibrin Sealants in Plastic Surgery: Clinical Applications and One Practice's Experience	17
	<i>Kamakshi Zeidler and R. Lawrence Berkowitz</i>	
3.	Platelet-Rich Plasma for Rejuvenation and Augmentation	25
	<i>Jeanette M. Black and Lisa M. Donofrio</i>	
4.	Platelet-Rich Plasma for Alopecia and Hair Restoration..... <i>Jeffrey A. Rapaport, Sarah G. Versteeg, and Aditya K. Gupta</i>	41
II	Microneedling Principles and Practices	
5.	Microneedling: Mechanism and Practical Considerations	57
	<i>Amelia K. Hausauer</i>	
6.	Microneedling: Clinical Applications.....	69
	<i>Brenda L. Pellicane and Tina S. Alster</i>	
7.	Microneedling and Radiofrequency.....	83
	<i>Chatchadaporn Chunharas, Douglas C. Wu, and Mitchel P. Goldman</i>	
III	Other Considerations, Combinations, and Complications	
8.	Applications and Safety in Skin of Color	103
	<i>DiAnne S. Davis and Naissan O. Wesley</i>	
9.	Combination Therapies.....	125
	<i>Peter W. Hashim and Gary Goldenberg</i>	
10.	Complications Associated with PRP and Microneedling in Aesthetic Medicine.....	139
	<i>Tatjana Pavicic and Matthias Aust</i>	
	Index	149