## Contents

**Preface: Rejuvenation of the Facial Upper Third**  
Faisal A. Quereshy  

**Analysis and Diagnosis of Upper Facial Region**  
Hardeep Dhaliwal  

- Introduction  
- Patient evaluation  
- Photo documentation  
- Anatomic analysis  
- Esthetic analysis by region  
- Summary  

**Botulinum Toxin Use in the Upper Face**  
Clement Qaqish  

- Introduction  
- Preoperative planning and pretreatment assessment  
- Procedural technique  
- Complications  
- After procedure care  
- Outcomes  
- Summary  

**Injectable Fillers in the Upper Face**  
Jacob Haiavy and Husam Elias  

- Video content accompanies this article at [http://www.oralmaxsurgeryatlas.theclinics.com](http://www.oralmaxsurgeryatlas.theclinics.com).
Contents

Skin Resurfacing Procedures of the Upper Face 117
Douglas L. Johnson and Frank Paletta

Video content accompanies this article at http://www.oralmaxsurgeryatlas.theclinics.com.

Introduction 117
Surgical technique 119
Rehabilitation and recovery 120
Summary 122

Upper Eyelid Blepharoplasty 125
Michael J. Will

Introduction 125
Anatomy of the periorbital region 125
Eyelid esthetics 127
Age-related changes of the periorbital region 127
Preoperative assessment 129
Selection of surgical procedure 129
Surgical planning and skin markings 129
Anesthesia considerations 129
Upper blepharoplasty procedure 130
Ancillary periorbital procedures 130
Postoperative care 131
Complications 131
Periorbital rejuvenation pearls 133

Lower Transcutaneous Blepharoplasty 135
Christopher Blake Smith and Peter Daniel Waite

Introduction 135
Preoperative planning 135
Preparation and patient markings 136
Patient positioning and surgical technique 137
Transconjunctival approach 137
Skin pinch technique 138
Skin-muscle flap approach 139
Incision and flap elevation 139
Orbital fat management 139
Orbicularis oculi muscle 141
Lower lid support 141
Skin excision 141
Complications 142
Bleeding 142
Lower eyelid malposition 143
Chemosis 144
Dry eyes 144
Postoperative care 144
Follow-up care 144
Summary 144
Transconjunctival Lower Blepharoplasty 147
Sean Pack, Faisal A. Quereshy, Mehmet Ali Altay, and Dale A. Baur

Introduction 147
Anatomy 147
Pathophysiology of aging 148
Indications 149
Advantages and disadvantages 150
Technique 150
Complications 151
Discussion 151

Management of Lower Eyelid Laxity 153
Gary Linkov and Allan E. Wulc

Introduction 153
Lateral canthal anatomy 153
Pathogenesis of eyelid laxity 154
Assessment 154
Procedures 156
Complications 158
Summary 159

Open Brow Lift Surgery for Facial Rejuvenation 161
Tirbod Fattahi

Introduction 161
Patient selection 161
Surgical technique 162
Postoperative care 163
Summary 164

The Endoscopic Brow Lift 165
Jon D. Perenack

Brow lift general considerations 165
Indications 165
Contraindications 165
Relative contraindications 165
Evaluation and diagnosis 165
Brow ptosis 165
Cosmetic botulinum toxin therapy 166
Skin 166
Clinical technique 166
Complications and controversies 172
Other considerations 173
Contents

Management of Complications Associated with Upper Facial Rejuvenation 175
Angelo Cuzalina and Manik Bedi

Introduction 175
Preoperative evaluation 175
Complications in browlift 176
Brow malposition 176
Nerve damage 177
Scars 178
Alopecia 178
Bleeding 179
Summary 179