

Clinical Facial Analysis

Elements, Principles, and Techniques

Bearbeitet von
Fabio Meneghini, Paolo Biondi

1. Auflage 2012. Buch. XIX, 219 S. Hardcover

ISBN 978 3 642 27227 1

Format (B x L): 17,8 x 25,4 cm

[Weitere Fachgebiete > Medizin > Chirurgie > Plastische, Rekonstruktive & Kosmetische Chirurgie](#)

schnell und portofrei erhältlich bei

The logo for beck-shop.de features the text 'beck-shop.de' in a bold, red, sans-serif font. Above the 'i' in 'shop' are three red dots of increasing size. Below the main text, the words 'DIE FACHBUCHHANDLUNG' are written in a smaller, red, all-caps, sans-serif font.

beck-shop.de
DIE FACHBUCHHANDLUNG

Die Online-Fachbuchhandlung beck-shop.de ist spezialisiert auf Fachbücher, insbesondere Recht, Steuern und Wirtschaft. Im Sortiment finden Sie alle Medien (Bücher, Zeitschriften, CDs, eBooks, etc.) aller Verlage. Ergänzt wird das Programm durch Services wie Neuerscheinungsdienst oder Zusammenstellungen von Büchern zu Sonderpreisen. Der Shop führt mehr als 8 Millionen Produkte.

Contents

Introduction: Facial Analysis – Why, When, and How	xv
 1 Approaching the Patient for Direct and Photographic Facial Analysis	 1
1.1 The Single Room Concept.	1
1.1.1 The Interview Area.	1
1.1.2 The Clinical Examination Area	2
1.1.3 The Clinical Photography Area	3
1.2 The First Consultation Approach.	3
1.2.1 The First Ten Minutes	3
1.2.2 The Entrance	4
1.2.3 The Interview	5
1.2.4 The Direct Clinical Examination	6
1.2.5 The Clinical Photographic Documentation	6
1.2.6 Final Communications and Remarks	6
1.3 The Time Spent in Organizing the Next Consultation.	6
1.4 The Second (and Successive) Consultation Approach	7
1.5 How to Enhance Patient/Physician Communication	7
1.6 The Single Operator Concept.	8
References	8
 2 Lighting Techniques for Clinical Facial Photography	 9
2.1 Lighting Techniques for Clinical Facial Photography	9
2.2 Equipment and Technique	10
2.3 Discussion	12
2.3.1 Point, Line, and Plane	13
2.3.2 A “Natural” Option	13
2.3.3 Problems with Two or More Lights	13
2.3.4 Avoid a False Asymmetric Face.	14
2.3.5 The Importance of Soft Box Size.	14
2.3.6 Avoid Shadows on the Background Panel	14
2.3.7 Advantages of Ceiling-Mounted Equipment	14
2.4 The Seven Rules of Multiple Shots	15
References	15

3 Views of Clinical Facial Photography	17
3.1 Natural Head Position	17
3.2 How to Obtain Life-Size Photographs	18
3.3 The Poster “Views of Clinical Facial Photography”	18
3.4 The Shooting of a Complete Set of Clinical Facial Photographs (Step-by-Step Description).	19
3.4.1 Accompanying the Patient in the Photo Area	19
3.4.2 The Eleven Basic Views.	19
3.4.3 The Five Nasal Views.	21
3.4.4 The Five Orthognathic/Orthodontic Views	24
3.4.5 The Seven Eye Views.	25
3.4.6 The Four Ear Views	25
3.5 Final Remarks	28
References	28
4 The “Facial Points of Interest”	29
4.1 Eye Movements and Visual Perception	29
4.2 From the Regions of Interest to the Facial Points of Interest	30
4.3 A Different – Visual – Approach to Facial Deformities and Aging	32
4.4 Adding Lines to the Facial Points of Interest.	33
4.5 Illusion in Clinical Facial Analysis	37
References	39
5 Basic Facial Analysis	41
5.1 Regions of the Face and Neck	41
5.2 Basic Qualitative Facial Analysis (Without Measurements)	42
5.2.1 Frontal View Analysis	42
5.2.2 Basal View Analysis.	43
5.2.3 Oblique Views Analysis.	43
5.2.4 Profile View Analysis.	47
5.3 The Facial Angles	48
5.4 The Supporting Skeleton Assessment	48
5.5 Facial Soft Tissue Envelope Assessment.	48
5.6 Facial Soft Tissue Analysis Checklist	51
5.7 The Overweight Patient, Facial Analysis, and Surgical Treatment	53
5.8 From Specific to General: A Reversed Approach to Basic Analysis.	54
5.9 Basic Analysis: Preferred Terms	55
References	58
6 Forehead, Eyebrows, and Eyes	59
6.1 Forehead Analysis	59
6.2 Eyebrow, Eye, and Lids Analysis	60
6.2.1 The Female Attractive Eye.	62

6.3	Upper Lid Crease Malposition	63
6.4	A Closer Look at the Upper Lateral Orbital Quadrant	64
6.5	Eyebrow Malposition and Inappropriate Expressions	64
6.6	Suspect and Search for the Early Signs of Aging in the Upper Third of the Face	67
6.7	Forehead, Eyebrows, and Eyes Analysis Checklist	67
6.8	Forehead, Eyebrows, and Eyes: Preferred Terms Checklist	69
	References	71
7	Nasal Analysis	73
7.1	Points, Lines, and Subunits of the External Nose	73
7.2	Direct and Photographic Clinical Analysis for Nasal Deformities.	74
7.2.1	General Considerations	75
7.2.2	Nasal Upper Third Assessment	83
7.2.3	Nasal Middle Third Assessment	83
7.2.4	Nasal Lower Third Assessment	88
7.3	The Close Relationship Between the Nose and the Upper Lip	92
7.4	Nasal Analysis Checklist	92
7.4.1	Nasal Analysis Checklist: General Considerations	92
7.4.2	Nasal Analysis Checklist: Upper Third of the Nose	96
7.4.3	Nasal Analysis Checklist: Middle Third of the Nose.	96
7.4.4	Nasal Analysis Checklist: Lower Third of the Nose	100
7.5	The Nasal Analysis Sheets.	101
7.6	Cephalometric Nasal Analysis.	101
7.6.1	The Method of Byrd and Hobar.	101
7.7	Nasal Airway Assessment	102
7.8	Nasal Analysis: Preferred Terms	104
	References	106
8	Lips, Teeth, Chin, and Smile Analysis.	107
8.1	Dental Occlusion: Basic Assessment.	107
8.2	Upper Frontal Teeth Assessment	110
8.3	Lips Assessment.	111
8.3.1	The Attractive Female Lips	111
8.4	Smile Analysis	114
8.4.1	The Attractive Female Smile	117
8.4.2	The “No-Smile Patient”	117
8.5	Chin Assessment	119
8.6	Lips, Teeth, Chin, and Smile Analysis Checklists	119
8.6.1	Dental Occlusion Analysis Checklist.	119
8.6.2	Upper Frontal Teeth Analysis Checklist	121

8.6.3	Lips Analysis Checklist	121
8.6.4	Posed Smile Analysis Checklist.	122
8.6.5	Chin Analysis Checklist.	122
8.7	Lips, Teeth, Chin, and Smile Analysis:	
	Preferred Terms	123
	References	124
9	Dentofacial Deformities	125
9.1	The Basic Components of Dentofacial Deformities	125
9.1.1	Anterior Vertical Excess.	126
9.1.2	Anterior Vertical Deficiency	126
9.1.3	Class III Sagittal Discrepancy	129
9.1.4	Class II Sagittal Discrepancy	129
9.1.5	Transverse Discrepancies and Asymmetry of the Jaws.	131
9.1.6	The Immense Number of Combinations of Different Types and Grades of the Basic Components of Facial Deformities	132
9.2	Direct and Photographic Clinical Analysis for Dentofacial Deformities.	132
9.3	The Youthful Neck.	140
9.4	Intraoral and Dental Cast Analysis	141
9.5	Cephalometric Analysis.	142
9.5.1	A Personal View on Radiographic Cephalometry.	142
9.5.2	Essential Radiographic Cephalometry.	142
9.6	Dental Cephalometric Analysis	142
9.6.1	Interincisal Angle.	142
9.6.2	Angle Between the Upper Central Incisors and the Maxillary Plane	143
9.6.3	Angle Between the Lower Incisors and the Mandibular Plane.	143
9.6.4	Protrusion of Maxillary Incisors	143
9.7	Skeletal Cephalometric Analysis.	144
9.7.1	Maxilla to Cranial Base Anteroposterior Assessment.	144
9.7.2	Mandible to Cranial Base Anteroposterior Assessment.	144
9.7.3	Mandible to Maxilla Assessment.	144
9.8	Soft Tissue Cephalometric Analysis	145
9.8.1	Vertical Proportions	146
9.8.2	Nasofacial Angle	146
9.8.3	Nasomental Angle	146
9.8.4	Mentocervical Angle	146
9.8.5	Submental–Neck Angle	146
9.8.6	Subnasal Vertical	146
9.8.7	Nasolabial Angle	147
9.9	The Points, Lines, and Angles Difficult to Trace.	147
9.10	The Maxillomandibular Complex Concept	147

9.11	The Role of Dentofacial Deformities in Premature Aging Appearance	149
9.12	Dentofacial Analysis Checklist	149
9.13	Dentofacial Deformities: Preferred Terms	152
	References	154
10	The Aging Face	157
10.1	Structural Factors of Aging	158
10.2	Soft Tissue Quality and Aging	158
10.3	Soft Tissue Quantity and Aging	161
10.4	Soft Tissue Dynamics and Aging	161
10.5	Skeletal Supporting Framework and Aging	161
10.6	Recognizing Aging in the Face	161
10.6.1	General Considerations	161
10.7	Recognizing the Signs of Facial Aging	161
10.7.1	Forehead Transverse Furrows	161
10.7.2	Frown Lines	162
10.7.3	Temporal Depression	162
10.7.4	Eyebrow Ptosis	162
10.7.5	Upper Eyelid Hooding	164
10.7.6	Crow's Feet and Eyelid Wrinkles	164
10.7.7	Lateral Canthal Bowing	164
10.7.8	Scleral Show	164
10.7.9	Baggy Lower Eyelid	164
10.7.10	Tear Trough Deformity (Palpebrojugal Fold) and Palpebral Malar Groove	165
10.7.11	Malar Bags (Festoons, "Cheek Bags")	165
10.7.12	Nasolabial Fold	165
10.7.13	Preauricular Lines	166
10.7.14	Lip Lines	166
10.7.15	Horizontal Upper Lip Line	166
10.7.16	Vertical Lengthening of the Upper Lip and Ptosis of the Lip Commissures	166
10.7.17	Corner of the Mouth Lines (Commissural Lines) and "Marionette" Lines	167
10.7.18	Jowls and Prejowl Depression	167
10.7.19	Witch's Chin Deformity (Ptotic Chin)	167
10.7.20	Platysma Bands and Loss of Cervicomental Angle	167
10.7.21	Horizontal Neck Lines	167
10.7.22	Ptotic Submandibular Gland	168
10.8	Recognizing Nasal Aging	168
10.9	Recognizing Aging in the Oral Frame	168
10.10	The Aging Face Analysis Checklist	168
10.11	The Aging Face: Preferred Terms	171
10.11.1	Wrinkles, Mimetic Lines, Mimetic Furrows, and Folds	171
10.11.2	Other Terms	172
	References	173

11 Continuing Facial Analysis Utilizing Four Images by Man Ray	175
11.1 Man Ray's Unconventional Oblique Views	175
11.2 Man Ray's Asymmetrical Face	176
12 Continuing Facial Analysis	179
12.1 Meet the Patient the Day Before the Operation	179
12.2 Continuing Facial Analysis in the Operating Room	180
12.2.1 The Basic Preoperative Documents Are Hanging up in the Operating Room	180
12.2.2 Problems Related to General Anesthesia and Patient Positioning During Facial Surgery	180
12.3 The Intraoperative and Postoperative Procedure Documentation	180
12.4 The Continuing Facial Analysis in the Early Postoperative Phase	181
12.5 The Continuing Facial Analysis in the Late Postoperative Phase	181
References	182
13 Aesthetic Facial Surgery: First Consultation Notes, Essential Medical History, and Clinical Diary	183
13.1 General Characteristics of AFS Folder	186
13.2 Front and Back Covers.	186
13.2.1 Frontal, Oblique, Profile, and Basal Full Face View	187
13.2.2 Nasal Area Images	187
13.2.3 Facial Aging and Facelift Incision Line Area	187
13.2.4 Eyebrow and Eyelid Area Images	189
13.2.5 Lip and Smile Area Images	189
13.2.6 Ear Area Images	190
13.3 Left-Hand Side of Inside Page of the AFS Folder	190
13.4 The Right-Hand Internal Page of the AFS Folder	200
14 Exercises in Clinical Photography and Analysis	201
14.1 Exercise 1: Orientate the Face in the Natural Head Position	201
14.2 Exercise 2: Perform a Complete Session of Clinical Facial Photography	202
14.3 Exercise 3: Find and Compare the Facial Points of Interest in Two Different Subjects	202
14.4 Exercise 4: Perform a Systematic, Step-by-Step Facial Analysis	202
15 Suggested Reading	203
15.1 Errors in Patient Selection	203
15.2 Enhance Preoperative, Intraoperative, and Postoperative Patient Care.	204
15.3 The Normal-Average Face and the Beautiful Face	204

15.4	Forehead Aesthetics and Preoperative Assessment	204
15.5	Eyelid Aesthetics and Preoperative Assessment	204
15.6	Understanding the Nasal Airway	204
15.7	Planning Rhinoplasty	204
15.8	From Nasal Analysis to Nasal Surgery	205
15.9	The Six Keys to Optimal Dental Occlusion	205
15.10	The Smile Analysis: An Orthodontic Point of View	205
15.11	Clinical Cephalometric Analysis	205
15.12	Clinical Analysis of Dentofacial Deformities	205
15.13	Proportion and Disproportion in Dentofacial Deformity . . .	205
15.14	How the Skin Ages	206
15.15	How the Face Ages	206
16	Surround Yourself with Experts	
	(and Other Important Advice for a Constructive	
	and Creative Surgical Practice)	207
16.1	Surround Yourself with Experts	207
16.2	The Cost of Complexity	208
16.3	John F. Kennedy on Myth	208
16.4	Jack Sheen: "A Psychiatrist Once Told Me..."	208
16.5	The 20 Rules of Surgical Planning	
	(or the "Think in Terms of..." Planning Series)	208
16.6	David Sarver on "Diagnosis by Procedure"	208
16.7	The Three Most Powerful Treatments	209
16.8	The Priority List and the 80/20 Rule (Pareto's Law)	209
16.9	Professional Success Is a Consequence of Interest,	
	Joy, and the Desire for Future Happiness	209
	References	209
17	Beauty Is Composite	211
	Beauty Is Composite	211
	It Is Built, but It Destructs	211
	Index	217