

Contents

Part I Anterior Shoulder Instability

1 Historical Outline of Anterior Shoulder Instability Treatment	3
Radovan Mihelic and Tomislav Prpic	
2 The Anatomy in Shoulder Instability	7
Ángel Calvo Díaz, Pablo Carnero Martín de Soto, and Néstor Zurita Uroz	
3 Predictor Factors in Anterior Shoulder Instability	17
Boris Poberaj	
4 Basic Science on Shoulder Instability	21
Tim Kraal, William D. Regan, and Christiaan J. A. van Bergen	
5 Benign Joint Hypermobility Syndrome (BJHS).	35
Adrian Błasiak	
6 Anterior Shoulder Instability Diagnosis: Clinical Examination	43
Sanjay Desai	
7 Scapulothoracic Dyskinesis and Anterior Shoulder Instability	49
Shahbaz S. Malik, Benjamin Jong, Lionel Neyton, and Peter B. MacDonald	
8 First Anterior Dislocation: Conservative Treatment	61
Robert Pełka and Wojciech Marek	
9 Is There a Place for Conservative Treatment in Recurrent Anterior Shoulder Instability?.	67
Patrik Kłaptocz	
10 Soft-Tissue Procedures: Indications	75
Ladislav Kovačič	
11 Arthroscopic Bankart Repair: How It Looks Today	83
Nuno Gomes, Mikel Aramberri, and Helder Fonte	

12	ASA, an Arthroscopic Technique for Recurrent Anterior Dislocations Using Partial Subscapularis Tenodesis in Association with Bankart Repair	95
	Marco Maiotti, Raffaele Russo, Giuseppe Della Rotonda, and Cecilia Rao	
13	Anterior Shoulder Instability Treatment with BLS Method	103
	Roman Brzóška and Hubert Laprus	
14	Trans-subscapular Tenodesis and Labroplasty by the Long Head of the Biceps Graft	109
	Oleg Milenin and Ruslan Sergienko	
15	Revision After Soft Tissue Procedure in Anterior Shoulder Instability	117
	Przemysław Lubiatowski	
16	Algorithm in Acute Glenoid Fractures: From Imaging to Decision Making	123
	Boris Poberaj	
17	Glenoid Fractures	127
	Adrian Błasiak, Hubert Laprus, Roman Brzóška, and Pascal Gleyze	
18	Arthroscopic Distal Tibial Allograft Reconstruction Using Double-Button Suture Fixation for Anterior Shoulder Instability with Glenoid Bone Loss	137
	Alexis Lo, Michael James, and Ian K. Y. Lo	
19	Open Latarjet Procedure	147
	E. Gervasi, R. Castricini, and O. Galasso	
20	“New” Graft Procedures	157
	A. Kwapisz, A. Sibilska, and J. M. Tokish	
21	Anteroinferior Shoulder Instability Treatment with Arthroscopic Latarjet	167
	Leonard Achenbach, Christian Moody, and Laurent Lafosse	
22	Bony Defects: Glenoid and Humeral Side—On-Track/Off-Track Concept	181
	Giuseppe Milano, Giuseppe Frizziero, and Giacomo Marchi	
23	Remplissage Technique	195
	Mikolaj Podsiadlo, Hubert Laprus, Adrian Błasiak, and Roman Brzóška	
24	Management of the Deep Hill–Sachs Lesion	203
	Hubert Laprus and Joanna Walecka	

Part II Posterior Shoulder Instability

25	History of Posterior Shoulder Instability	213
	Shahbaz S. Malik, Sheraz S. Malik, Lennard Funk, and Peter B. MacDonald	
26	Influencing Factors of Posterior Instability	223
	Robert Pelka and Wojciech Marek	
27	Traumatic Versus Voluntary Posterior Instability: Diagnostic Process.	229
	Antoon Van Raebroeckx	
28	Posterior Shoulder Instability and Sport Activities.	235
	Ladislav Kovačič and Benjamin Marjanovič	
29	Conservative Treatment in Posterior Dislocation	243
	Paweł H. Surdziel	
30	Soft-Tissue Procedures: <i>Indications, Algorithm from Imaging to Decision-Making</i>	249
	Selim Ergün, Umut Akgün, and Mustafa Karahan	
31	Open and Arthroscopic Posterior Bankart Repair	259
	Ángel Calvo Díaz, Pablo Carnero Martín de Soto, and Néstor Zurita Uroz	
32	Reverse Humeral Avulsion of Glenohumeral Ligaments (rHAGL)	269
	Adrian Błasiak, Hubert Laprus, Wojciech Solecki, and Roman Brzóška	
33	Revisions After Failed Posterior Instability	277
	Achilleas Boutsiadis, John Swan, and Johannes Barth	
34	Open Bone Block Procedures for Posterior Shoulder Instability	289
	Birol Aktas, Yiğit Umur Cirdi, and Mustafa Karahan	
35	Arthroscopic Bone Block Procedures	295
	Maciej Kiciński, Andrzej Boszczyk, and Bartłomiej Kordasiewicz	
36	Surgical Treatment of Humeral Head Defect in Shoulder Posterior Instability	305
	Riccardo Compagnoni, Matteo Lo Duca, and Pietro S. Randelli	
37	Glenoid Osteotomy	313
	Bartłomiej Kordasiewicz, Michał Janyst, and Maciej Kiciński	

Part III Multidirectional Instability: Anatomy and Etiology

- 38 Anatomy in Multidirectional Instability** 321
Giuseppe Milano, Alessandro Colosio, and Davide Fattoretto
- 39 Hyperlaxity and Multidirectional Shoulder Instability** 331
Wojciech Solecki, Adrian Błasiak, Hubert Laprus,
and Roman Brzóska
- 40 Conservative Treatment of Multidirectional
Instability of the Shoulder** 335
Wojciech Solecki, Patryk Kłaptocz, Adrian Błasiak,
and Roman Brzóska
- 41 Multidirectional Shoulder Instability—Operative
Treatment** 341
Przemysław Lubiowski, Joanna Walecka, and Hubert Laprus

Part IV Future Perspectives in the Instability Treatment

- 42 New Directions in Grafting Technologies: Up to Date** 351
A. Marmotti, I. Zorzo, E. Bellato, G. Agati, and F. Castoldi
- 43 Glenohumeral Joint Instability: Basic Science
and Potential Treatment Options** 363
Lukas Ernstbrunner, David Ackland, and Laura de Girolamo