

Category	Points
Definition	5
Etiology / pathogenesis	20
Narrowness of the subacromial space	5
Possible causes: 1) structural; 2) functional	2 each
Structural bony causes:	1 each
1. Bone spurs	
2. Hooked acromial shape	
Different physiological variations of acromial shapes are possible	2
Types of shape variants of the acromion:	1 each
1. Flat (type 1)	
2. Curved (type 2)	
3. Hook-shaped (type 3)	
A differentiation between several types of impingement is possible (e.g. outlet / non-outlet impingement, eccentric / intrinsic impingement, posterosuperior / anterosuperior impingement, etc.)	2
Epidemiology:	1 each
- Athletes	
- Occupational groups with overhead work	
Symptoms	15
Pain caused by movement	5
Radiating pain into the upper arm	2
Resting pain	2
Loss of movement	2
Accompanying pathologies:	
- Bursitis	
- Rotator cuff lesion	
- Scapulothoracic dyskinesia	
- Tendinitis of the long biceps tendon	1 each
Diagnostics	19
Clinical examination, ultrasound, x-ray and MRI	2 each
Clinical examination:	
- Painful arc	
- Neer test	
- Hawkins test	
- Other tests for the supraspinatus tendon	je 1
Ultrasound:	
- Assessment of the soft tissue	2
X-Ray:	1 each
- Assessment of the bony structures	
- Assessment of the acromiohumeral distance	
- Tendinitis calcarea	
MRI:	2
Assessment of the soft tissue	
Differential diagnosis	10
- Capsular pathologies	2 each
- Pathologies of the long biceps tendon	
- Neurological pathologies	
- Pathologies of the acromioclavicular joint	
- Osteoarthritis	
Therapy	31

Conservative therapy:	
- Physiotherapy	
- NSAIDs	
- Local anasthesia	1 each
- Cortison	
- Avoiding painful movement	
- Reducing triggering movements	
- Rest	
- Kryotherapy	
- Heat	
- Electrotherapy	
- Shock wave	
Goals of physiotherapy:	1 each
- Muscle strengthening	
- Widening of the joint space	
- Improving posture	
- Stretching	
Indications for surgical therapy:	1 each
- If conservative therapy is unsuccessful	
- In the case of relevant accompanying pathologies	
Surgical therapy: arthroscopic subacromial decompression / acromioplasty according to Neer	5
Surgical procedure:	1 each
- Diagnostic arthroscopy	
- Partial bursectomy of the subactomial space	
- Resection of the anterior edge of the acromion or significant osteophytes	
- Treatment of accompanying pathologies	
Risks of the operation:	1 each
- Nerve lesions	
- Vascular injury	
- Stiffness	
- infection	
Postoperative Treatment:	1 each
- Pain-adapted postoperative immobilization of the shoulder	
- Gradual active and passive mobilization through physiotherapy	
Total score	100