

References

- Alm, A.: The diagnostic value of arthroscopy of the knee-joint. *Injury* Volume **5**, Nr. 4, 319–324 (1974)
- Andersen, R.B., Rossel, I.: Arthroscopy of the knee-joint in rheumatic diseases. *Ugeskr. Læg.* **135**, 71 (1973)
- Bircher, E.: Die Arthroendoskopie. *Zbl. Chir.* **48**, 1460–61 (1921)
- Bircher, E.: Beitrag zur Pathologie und Diagnose der Meniscus-Verletzungen. *Bruns' Beitr. klin. Chir.* **127**, 239–250 (1922)
- Burman, M.S.: Arthroscopy or the direct visualisation of joints. An Experimental Cadaver Study. *J. Bone Jt Surg.* **13**, 669–695 (1931)
- Burman, M.S., Finkelstein, H., Mayer, L.: Arthroscopy of the knee-joint. *J. Bone Jt Surg.* **16**, 255–268 (1934)
- Burman, M.S., Mayer, L.: Arthroscopic examination of the knee-joint. *Arch. Surg.* **32**, 846 (1936)
- Casscells, W.: Arthroscopy of the knee-joint. *J. Bone Jt Surg.* **53 A**, 287–298 (1971)
- Dandy, D.J., Jackson, R.W.: The impact of arthroscopy on the management of disorders of the knee. *J. Bone Jt Surg.* **58 B**, 3, 346–348 (1975)
- Dandy, D.J., Jackson, R.W.: The diagnosis of problems after meniscectomy. *J. Bone Jt Surg.* **58 B**, 3, 349–352 (1975)
- Delbarre, F., Aignan, M., Ghozlan, R.: L'Arthroscopie du genou. Institut de Rhumatologie e la faculte de medicine de Paris-Cochin (1975)
- Dorfmann, H., Dreyfus, P.: Justin-Besancon, L.: Arthroscopy of the knee-joint. Current status of the question. *Sem. Hôp. (Paris)* **46**, 3442–3450 (1970)
- Dorfmann, H., Dreyfus, P.: Arthroscopy of the knee (methods and results). *Cah. Med.* **12**, 561 (1971)
- Dorfmann, H., Dreyfus, P.: Arthroscopy of the knee (methods and results). *Minerva med.* **62**, 2621 (1971)
- Dorfmann, H., Seze, S. de: Nouvelles observations sur l'arthroscopie du genou. Resultat d'une experience personnelle. *Sem. Hôp. (Paris)* **48**, 3011–3019 (1972)
- Edgar, M.A., Lowy, M.: Arthroscopy of the knee. *Proc. roy. Soc. Med.* **66**, 512–515 (1973)
- Eickelaar, H.R.: Arthroscopy of the knee. Royal United Printers Hoitsema B.V. 1975
- Finkelstein, H., Mayer, L.: The arthroscopy, a new method of examining joints. *J. Bone Jt Surg.* **13**, 583–588 (1931)
- Fujimoto, K.: Arthroscopic findings of the experimental arthritis caused by intra-articular injection of various disinfectant medicaments. *J. Jap. orthop. Ass.* **22**, 60 (1949)
- Gallannaugh, S.: Arthroscopy of the knee-joint. *Brit. med. J.* **3**(5874), 285–286 (1973)
- Geist, E.W.: Arthroscopy. Preliminary report. *Lancet* **46**, 306–307 (1926)
- Gillquist, J., Hagberg, G.: A new modification of the technic of the Arthroscopy of the knee-joint. *Acta chir. scand.* **142**, 123–130 (1976)
- Gillquist, J., Hagberg, G., Oretorp, N.: Arthroscopy in acute injuries of the knee-joint. *Acta orthop. scand.* **48**, 190–196 (1977)
- Glinz, W.: Arthroscopy in trauma of the knee-joint. *Internat. Congr. on the knee-joint, Rotterdam* (1973)
- Glinz, W.: Diagnostische Bedeutung der Arthroscopie bei Präarthrosen des Kniegelenkes. *Unfallmed. Berufskr.* **4**, 260–265 (1974)
- Glinz, W.: Die Arthroscopie bei Meniscusverletzungen. *Unfallmed. Berufskr.* **3/4**, 106–115 (1976)
- Glinz, W.: Arthroscopie beim Knorpelschaden des Kniegelenkes. *Hefte Unfallheilk.* **127**, 46–57 (1976)
- Glinz, W.: Arthroscopische Diagnostik der traumatischen Knorpelläsion am Kniegelenk. *Hefte Unfallheilk.* **129**, 242–246 (1977)
- Gschwend, N.: Die Arthroscopie. *Fortbildk. Rheumat.* **4**, 189–192 (1976)
- Henche, H.R.: Indikation, Technik und Resultate der Arthroscopie nach Traumatisierung des Kniegelenks. *Orthopäde* **3**, 128–133 (1974)
- Henche, H.R.: Indikation und Technik der Arthroscopie des Kniegelenkes. *Orthopäd. Praxis* **2**, 165–167 (1976)

- Henche, H.R.: Die Arthroskopie des Kniegelenkes. *Beitr. Orthop. Traum.* **24**, 217–220 (1977)
- Henry, A.: Arthroscopy in the management of internal derangements of the knee-joint. *Internat. Congr. on the knee-joint Rotterdam*, 120–125 (1972)
- Hurter, E.: L'arthroskopie, nouvelle méthode d'exploration du genou. *Rev. Chir. orthop.* **41**, 763–766 (1955)
- Ino, S.: Normal arthroscopic findings of the knee-joint in adults. *J. Jap. orthop. Ass.* **14**, 467 (1939)
- Imbert, R.: Arthroscopy of the knee; its technique. *Marseille chir.* **8**, 368 (1956)
- Imbert, R.: Arthroscopy; Significance of the method. *Marseille chir.* **9**, 676 (1957)
- Jackson, R.W., Arthroscopy of the knee. *Curr. Pract. orthop. Surg.* **4**, 93–117 (1973)
- Jackson, R.W.: The role of arthroscopy in the management of the arthritic knee. *Clin. Orthop.* **101**, 28–35 (1974)
- Jackson, R.W.: Diagnostic uses of arthroscopy. *Recent Advanc. Orthop.* **10**, 217–234 (1975)
- Jackson, R.W., Abe, J.: The role of arthroscopy in the management of disorders of the knee. *J. Bone Jt Surg.* **54B**, 310–322 (1972)
- Jackson, R.W., Dandy, D.J.: Arthroscopy of the knee. New York: Grune and Stratton 1976
- Jackson, R.W., De Haven, K.E.: Arthroscopy of the knee. *Clin. Orthop.* **107** (1975)
- Jackson, R.W., McCarthy, D.D.: Arthroscopy of the knee, pp. 293–297. University of Toronto Press (1971)
- Jayson, M.I.: Arthroscopy; a new diagnostic method. *Nurs Times* **64**, 1002 (1968)
- Jayson, M.I., Dixon, A.S.J.: Arthroscopy of the knee in rheumatic diseases. *Ann. rheum. Dis.* **27**, 503–511 (1968)
- Johnson, L.L.: Diagnostic arthroscopy of the knee. *Internat. Congr. on the knee-joint. Rotterdam*, 131–139 (1973)
- Johnson, L.L., Becker, R.L.: The role of the assistant in arthroscopy. 42nd Annual Meeting American Academy of Orthopedic Surg., March 1975
- Johnson, L.L., Becker, R.L.: Arthroscopy, technique and the role of the assistant. *Orthop. Review* **9**, 31–43 (1976)
- Johnson, L.L., Shneider, D.A., Becker, R.L.: Arthroscopy 76. 43rd Annual Meeting American Academy of Orthopedic Surg., January–February 1976
- Kawashima, W.: Arthroscopy of the tuberculous knee in its early stage. *J. Jap. orthop. Ass.* **18**, 651 (1943)
- Kieser, Ch., Rüttimann, A.: Die Arthroskopie des Kniegelenkes. *Schweiz. Med. Wschr.* **106**, 1631–1637 (1976)
- Koike, F.: Arthroscopic study of experimental suppurative arthritis. *J. Jap. orthop. Ass.* **18**, 656 (1943)
- Kreuscher, P.: Semilunar cartilage disease, a plea for early recognition by means of the arthroscope and early treatment of this condition. *Ill. med. J.* **47**, 290–292 (1925)
- Lesky, E.: Vom Lichtleiter zum Zystoskop. *Med. Monatsspiegel* **4**, 76–80 (1966)
- Lipson, R.L., Clemmons, J.J., Frymoyer, J.W.: Arthroscopy: Experience with percutaneous biopsy of intraarticular structures under direct vision. *Arthr. and Rheum.* **10**, 294 (1967)
- Marques, J., Sanamaria, A., Gomes, Martinez, G.: Arthroscopy. *Rev. esp. Reum.* **14**, 47 (1971)
- Matsumo, J.: Arthroscopic and histological studies of tuberculous and nonspecific chronic arthrides. *J. Jap. Ass. Rheum.* **1**, 409 (1959)
- Mauermayer, W.: Die Gliederoptik in der urologischen Diagnostik und im Lehrbetrieb. *Verhandlungsb. der Dtsch. Gesell. f. Urologie*, 27. Tagung; 149–154 (1976)
- Mayer, L., Burman, M.S.: Arthroscopy in the diagnosis of meniscal lesions of the knee-joint. *Amer. J. Surg.* **43**, 501 (1939)
- Mennet, P.: Möglichkeiten und Grenzen der Kniearthroskopie. *Schweiz. med. Wschr.* **101**, 1591 (1971)
- O'Connor, R.L.: The Arthroscope in the management of crystal-induced synovitis of the knee. *J. Bone Jt Surg.* **55A**, 1443 (1973)
- O'Connor, R.L.: Arthroscopy in the diagnosis and treatment of acute ligament injuries of the knee. *J. Bone Jt Surg.* **56A**, 2, 333–337 (1974)
- Ohnsorge, J.: Arthroskopie des Kniegelenkes mittels Glasfasern. *Z. Orthop.* **106**, 535–538 (1969)
- Ohnsorge, J.: Farbphotographie des Kniegelenkinnenraumes über ein neues Glasfaserendoskop. *Langenbecks Arch. klin. Chir.* **325**, 965–967 (1969)
- Ohnsorge, J.: Die Arthroskopie des Kniegelenks. *Fortschr. Endoskopie* **2**, 29–34 (1970)
- Okamura, T.: An arthroscopic study of the traumatic disorders of the knee-joint. *J. Jap. orthop. Ass.* **23**, 28 (1945)
- Robles Gil, J., Katona, G.: Arthroscopy as a means of diagnosis and research. Review of 80 arthroscopies proceeding of the 4th Pan-

- american congress of Rheumatology, *Excerpta Medica* 209 (1969)
- Robles Gil, J., Katona, G.: Clinical and therapeutic usefulness of arthroscopy. *Gazz Sanit* **20**, 16 (1971)
- Robles Gil, J., Katona, G., Barroso, M.R.: Arthroscopy as an aid to diagnosis and investigation. *Excerpta Medica International Congress Series* 143 (1968)
- Sato, K.: An arthroscopic study of knee-joint injury caused by dull force. *J. Jap. orthop. Ass.* **24**, 184 (1950)
- Sato, K.: An arthroscopic study of knee-joint injury caused by dull force. *J. Jap. orthop. Ass.* **28**, 467 (1955)
- Sommer, R.: Die Endoskopie des Kniegelenkes. *Zbl. Chir.* **64**, 1692–1697 (1937)
- Suckert, R.: Photoarthroskopie des Kniegelenks. *Z. Unfallmed. Berufskr.* **53**, 65–67 (1960)
- Takagi, K.: Practical experience using Takagi's arthroscope. *J. Jap. orth. Ass.* **8**, 132 (1933)
- Takagi, K.: The arthroscope. *J. Jap. orthop. Ass.* **14**, 359–441 (1939)
- Tesson, M.C., Aignan, M., Delbarre, F.: Arthroscopy of the knee. Technique, indications, results. *Presse méd.* **78**, 2467 (1970)
- Tsuyama, N., Udagawa, E.: Arthroscopy. *Surg. Ther. (Osaka)* **14**, 581 (1966)
- Vaubel, E.: Die Endoskopie des Kniegelenks. *Z. Rheumaforsch.* **1**, 210–213 (1938)
- Vaubel, E.: Die Arthroscopie. *Rheumatismus* **9**, (1938)
- Watanabe, M.: Arthroscopy of the ankle joint of the horse. *J. Jap. orthop. Ass.* **22**, 51 (1949)
- Watanabe, M.: The development and present status of the arthroscope. *J. Jap. med. Inst.* **25**, 11 (1954)
- Watanabe, M.: Arthroscopy of the knee-joint. In: Helfet A.J., Disorders of the knee, pp. 139–149. New York: J.B. Lippincott 1974
- Watanabe, M., Takeda, S.: The number 21 arthroscope. *J. Jap. orthop. Ass.* **34**, 1041 (1960)
- Watanabe, M., Takeda, S., Ikeuchi, H.: Atlas of arthroscopy, 2nd ed. Tokio: Igaku Shoin Ltd. 1969
- Wilcke, K.H.: Endoskopie des Kniegelenkes an der Leiche. *Bruns' Beitr. klin. Chir.* **169**, 75–83 (1939)
- Wruhs, O.: Die Arthroscopie und Endophotographie zur Diagnostik und Dokumentation von Kniegelenksverletzungen. *Wien. med. Wschr.* Nr. 8, 126–133 (1970)
- Wruhs, O.: Die Arthroscopie. *Orthop. Prax.* **9**, 75–78 (1972)
- Wruhs, O.: Die Endoskopie des Kniegelenkes zur Diagnostik und Dokumentation von Binnenschäden und Erkrankungen. *Fortschr. d. Endoskopie* **4**, 225–226 (1973)
- Wruhs, O.: Endoskopisch faßbare Veränderungen des Femurpatellargelenkes. *Z. Orthop.* **111**, 525–526 (1973)
- Wruhs, O.: Die Arthroscopie des Kniegelenkes. *Z. Orthop.* **111**, 664–665 (1973)
- Wruhs, O.: Arthroscopische Befunde bei Vorverlagerung d. Tuberositas tibiae. *Hefte zur Unfallheilkde.* **127**, 187–194 (1975)
- Wruhs, O.: Arthroscopie bei Schienbeinkopfbrüchen. *Hefte zur Unfallheilkde.* **126**, 234–236 (1975).
- Zollinger, H.: Indikation und Aussage der Gelenkendoskopie bei der Chondropathia patellae. *Z. Orthop.* **115**, 617 (1977)

Subject Index

The page numbers in italics indicate the main entry

- abrasion of the patella 74
- alar folds 35, 42
- anaesthesia 22
 - local 22
 - mask 22
- anatomy of the knee joint 34
- anterior tibial region 44
- approach to the knee joint 27
- aquarium effect 14, 15, 50
- arthritis 50
- arthroscope 3ff.
 - double eyepiece 4
- arthroscopic operations 71ff.
- arthroscopy, indication 20
 - report 18, 19
- articular cartilage, surface of 37
- assessment of the knee joint 69

- biopsy instruments 71
- bleeding 32
- bucket handle tear 51, 54, 57

- carbon dioxide 13
- cartilage
 - damage, traumatic 51, 58 ff., 69
 - degenerative changes 51
 - degenerative, traumatic 51
 - impression 69
- cartilaginous defect 41, 47
- chondropathy, patellar 44, 51, 64
- cold-light source 4, 5
- condylar axis 29
- cover 24
- cruciate ligament 35
 - anterior 35, 44, 63, 67
 - posterior 63
 - rupture of 63

- disoid meniscus 58
- disinfection 24
- drawer sign 44
 - anterior 44, 64

- electrocoagulation 72
- emphysema, subcutaneous 15
- endoscopy camera 4, 6

- fad pads 29, 35, 42
- failure of the medial ligament 64
- femoral condyles 36, 38
- femoropatellar joint 35, 40ff.
- fibreglass system 3
- fluid 29
- formalin tablets 25

- intercondylar region 42
- irrigation fluid 31

- joint
 - filled with gas 13
 - filled with liquid 13

- lateral joint space 48
- lateral knee joint 46ff.
- lens system 3
- longitudinal tear 51, 54, 56, 60

- meniscus 34, 35, 37ff.
 - disoid lateral 51, 58
 - lateral 47, 51ff.
 - medial 44, 50ff.

- operative arthroscope 77
- osteochondritis dissecans 63, 69
- Outerbridge edge 41

- patella 40
 - contusion 41
 - dislocation 41, 48
 - facet 42, 63
 - high 69
 - “hunter’s hat” 63
- polaroid photograph 18
- positioning 23
- posterior horn 44ff.

- Ringer solution 13, 15

- skin incision 29
- sterilization 25
- suction 31
- suprapatellar recess 42
- synovial fold 35, 44
- synovial membrane 34, 37, 42, 50
 - biopsy of the 71
- synoviorthesis 50

- tap 32
- tears of the capsule 64
- tears of the collateral ligament 64
- tendon of the popliteal muscle 47, 49
- transverse ligament 35, 37
- transverse tear 51, 54
- trocax 3, 7, 29
 - tube 3, 7, 29
- trochlea 40
- trochlear condylar line 36

R. Bomelli

Osteoarthritis of the Hip

Pathogenesis and Consequent Therapy
With a Foreword by M.E. Müller

1976. 160 figures (70 in color). X, 136 pages
ISBN 3-540-07842-8

J. Charnley

Low Friction Arthroplasty of the Hip

Theory and Practice

1979. 440 figures (205 in color), 22 tables.
X, 376 pages
ISBN 3-540-08893-8

The Dynamic Compression Plate (DCP)

By M. Allgöwer, P. Matter, S. M. Perren, T. Rüedi

Revised printing. 1978. 29 figures. IV, 48 pages
ISBN 3-540-06466-4

F. Freuler, U. Wiedmer, D. Bianchini

Cast Manual for Adults and Children

Forewords by A. Samiento, B. G. Weber
Translated from the German by P. A. Casey

1979. 121 figures in 352 separate illustrations,
2 tables. Approx. 270 pages
ISBN 3-540-09590-X

U. Heim, K. M. Pfeiffer

Small Fragment Set Manual

Technique Recommended by the ASIF-Group
In collaboration with H. C. Meuli
Translators: R. Kirschbaum, R. L. Batten

1974. 157 figures (414 separate illustrations).
IX, 299 pages
ISBN 3-540-06904-6

Springer-Verlag
Berlin Heidelberg New York

Late Reconstructions of Injured Ligaments of the Knee

Editors: K.-P. Schulitz, H. Krahl, W. H. Stein
With contributions by M. E. Blazina,
D. H. O'Donoghue, S. L. James, J. C. Kennedy,
A. Trillat

1978. 42 figures, 21 tables. V, 120 pages
ISBN 3-540-08720-6

R. Liechti

Hip Arthrodesis and Associated Problems

Foreword by M. E. Müller, B. G. Weber
Translated from the German edition „Die Arthro-
dese des Hüftgelenks und ihre Problematik” by
P. A. Casey

1978. 266 figures, 35 tables. XII, 269 pages
ISBN 3-540-08614-5

Manual of Internal Fixation

Techniques Recommended by the AO Group by
M. E. Müller, M. Allgöwer, R. Schneider,
H. Willenegger

In collaboration with numerous experts
Translated from the German by J. Schatzker

2nd, expanded and revised edition. 1979
345 figures in color, 2 Templates for Preoperative
Planning. X, 409 pages
ISBN 3-540-09227-7

C. J. P. Thijn

Arthrography of the Knee Joint

Foreword by J. R. Blickman

1979. 173 figures in 209 separate illustrations,
11 tables. IX, 155 pages
ISBN 3-540-09129-7

Treatment of Fractures in Children and Adolescents

Editors: B. G. Weber, C. Brunner, F. Freuler
In collaboration with numerous experts
Translated from the German by P. A. Casey

1979. 462 figures, 27 tables. Approx. 410 pages
ISBN 3-540-09313-3

Springer AV Instruction Program

Films:

Theoretical and practical bases of internal fixation, results of experimental research:

Internal Fixation – Basic Principles and Modern Means

The Biomechanics of Internal Fixation

The Ligaments of the Knee Joint Pathophysiology

Internal fixation of fractures and in reconstructive bone surgery

Internal Fixation of Forearm Fractures

Internal Fixation of Noninfected Diaphyseal Pseudarthroses

Internal Fixation of Malleolar Fractures

Internal Fixation of Patella Fractures

Medullary Nailing

Internal Fixation of the Distal End of the Humerus

Internal Fixation of Mandibular Fractures

Corrective Osteotomy of the Distal Tibia

Internal Fixation of Tibial Head Fractures
(available in German only)

Joint replacement:

Total Hip Prostheses (3 parts)
Part 1: Instruments. Operation on Model
Part 2: Operative Technique
Part 3: Complications, Special Cases

Elbow-Arthroplasty with the New GSB-Prosthesis

Total Wrist Joint Replacement

Slide Series:

ASIF-Technique for Internal Fixation of Fractures

Manual of Internal Fixation

Small Fragment Set Manual

Internal Fixation of Patella and Malleolar Fractures

Total Hip Prostheses
Operation on Model and in vivo. Complications and Special Cases

Asepsis in Surgery

- Further films and slide series in preparation
- Technical data: 16mm and super-8 (color, magnetic sound, optical sound), videocassettes. Slide series in ringbinders
- Films in English or German, several in French; slide series with multilingual legends
- Please ask for information material



Springer-Verlag
Berlin
Heidelberg
New York

Sales:
Springer-Verlag,
Heidelberger Platz 3,
D-1000 Berlin 33,

or

Springer-Verlag New York Inc
175 Fifth Avenue,
New York, NY 10010