

Jahr	Arbeit	Publikation
2011	<b>Originalarbeiten</b>	Group B streptococcus in prosthetic hip and knee joint-associated infections. P. Sendi, B. Christenson, I. Uçkay, A. Trampuz, Y. Ackermann, K. Boggian, D. Svensson, M. Widerström, W. Zimmerli. J Hospital Infection 2011;79:64-69
2010	<b>Originalarbeiten</b>	Fucetese SF, Costouros JG, Kühnel SP, Gerber C. Total shoulder arthroplasty with an uncemented soft-metal-backed glenoid component. J Shoulder Elbow Surg. 2010 Jun;19(4):624-631
		Farshad M, Gerber C. Reverse total shoulder arthroplasty - from the most to the least common complication. Int Orthop. 2010 Dec;34(8):1075-1082
2009	<b>Originalarbeiten</b>	Gerber C, Meyer DC, Frey E, von Rechenberg B, Hoppeler H, Frigg R, Jost B, Zumstein MA. Neer Award 2007: Reversion of structural muscle changes caused by chronic rotator cuff tears using continuous musculotendinous traction. An experimental study in sheep. J Shoulder Elbow Surg; 18: 163-171
		Gerber C, Pennington SD, Nyffeler, RW. Reverse Total Shoulder Arthroplasty. J Am Acad Orthop Surg. 2009; 17. 284-295
		Gerber C, Costouros JG, Sukthankar A, Fucetese SF. Static posterior humeral head subluxation and total shoulder arthroplasty. J Shoulder Elbow Surg. 2009; 18:505-10
		Schneeberger AG, Gilbert MK, Sheikh R, Gerber C, Rued C. Non-purulent low-grade infection as cause of pain following shoulder surgery: preliminary results. Chir Organi Mov. 2009; 93:71-7
2008	<b>Originalarbeit</b>	Werner CML, Ruckstuhl T, Müller R, Zanetti M, Gerber C. Influence of psychomotor skills and innervation patterns on results of latissimus dorsi tendon transfer for irreparable rotator cuff tears. J Shoulder Elbow Surg; 17:22S-28S
2007	<b>Originalarbeiten</b>	Vollenweider M, Brunner TJ, Knecht S, Grass RN, Zehnder M, Imfeld T, Stark WJ. Remineralization of human dentin using ultrafine bioactive glass particles. Acta Biomaterialia 3 2007: 936-943 Sheikh R, Bode B, Simovitch R, Exner GU. Hemangioma of the proximal humerus: bleeding hazard at surgery – a case report. J Shoulder Elbow Surg: 16(1), e11-4

		Simovitch RW, Zumstein MA, Lohri F, Helmy N, Gerber C. Predictors of Scapular Notching in Patients Managed with the Delta III Reverse Total Shoulder Replacement. J Bone Joint Surg Am: 89(3), 588-600
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		Rudiger HA, Beltrami G, Campanacci DA, Mela MM, Franchi A, Capanna R. Soft tissue sarcomas of the popliteal fossa: Outcome and risk factors. Eur J Surg Oncol. 33(4):512-7
		Brunner TJ, Bohner M, Dora C, Gerber C, Stark WJ. Comparison of amorphous TCP nanoparticles to micronsized alpha-TCP as starting materials for calcium phosphate cements. J Biomed Mater Res Part B: Appl Biomater 400-407
		Schneeberger AG, Meyer DC, Yian EH. Coonrad-Morrey total elbow replacement for primary and revision surgery: A 2- to 7.5-year follow-up study. J Shoulder Elbow Surg. 16(3): 47-54
		Simovitch RW, Helmy N, Zumstein MA, Gerber C. Impact of Fatty infiltration of the teres minor muscle on the outcome of reverse total shoulder arthroplasty. J Bone Joint Surg Am. 89(5): 934-939
		Gerber C, Pennington SD, Lingenfelter EJ, Sukthankar A. Reverse Delta-III Total Shoulder Replacement Combined with Latissimus Dorsi Transfer. A Preliminary Report. J Bone Joint Surg Am. 89(5):940-947
		Werner CML, Favre PH, Gerber C. The role of the subscapularis in preventing anterior glenohumeral subluxation in the abducted, externally rotated position of the arm. Clin Biomech 22: 495-501
		Gilbart MK, Gerber C. Comparison of the subjective shoulder value and the constant score. J Shoulder Elbow Surg 16: 717-721
		Costouros JG, Espinosa N, Schmid MR, Gerber C. Teres minor integrity predicts outcome of latissimus dorsi tendon transfer for irreparable rotator cuff tears. J Shoulder Elbow Surg 16: 727-734
		Rüdiger HA, Fuchs B, Gerber C. Measurements of shoulder mobility patient and surgeon correlate poorly. A prospective study. J Shoulder Elbow Surg 17: 255-260
	<b>Buchbeiträge</b>	Costouros JG, Gerber C, Warner JJP. Latissimus dorsi tendon transfer. In: Elattrache NS, Harner CD, Mirzayan R, Sekija JK (Eds): Surgical Techniques in Sports Medicine. Philadelphia, Lippincott Williams & Wilkins, pp 75-99

		Costouros JG, Gerber C, Warner JJP. Management of irreparable rotator cuff tears: The role of tendon transfer. In: Iannotti JP, Williams GR (Eds): Disorders of the Shoulder, 2 <sup>nd</sup> ed. Philadelphia, Lippincott Williams & Wilkins, Vol 1: 101-145
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2006	<b>Originalarbeiten</b>	Fuchs B, Gilbert MK, Hodler J, Gerber C. Clinical and structural results of open repair of an insolated one-tendon tear of the rotator cuff. JBJS Am: 88(2), 309-16
		Jost B, Zumstein M, Pfirrmann CW, Gerber C. Long-term outcome after structural failure of rotator cuff repairs. JBJS Am: 88(3), 472-479
		Werner CM, Blumenthal S, Curt A, Gerber C. Subacromial pressures in vivo and effects of selective experimental suprascapular nerve block. J Shoulder Ellbow Surg: 15(3), 319-323
		Nyffeler RW, Werner CM, Sukthankar A, Schmid MR, Gerber C. Association of a large extension of the acromion with rotator cuff tears. JBJS Am: 88(4), 800-805
		Gerber C, Maquieira G, Espinosa N. Latissimus dorsi transfer for the treatment of irreparable rotator cuff tears. JBJS Am: 88(1), 113-120
		Werner CM, Weishaupt D, Blumenthal S, Curt A, Favre P, Gerber C. Effect of experimental suprascapular nerve block on active glenohumeral translations in vivo. J Orthop Res: 24(3), 491-500
		Gerber C, Lingenfelter EJ, Reischl N, Sukthankar A. Single-stage bilateral total shoulder arthroplasty: a preliminary study. J Bone Joint Surg Br: 88(6), 751-755
		Schneeberger AG, Meyer DC, Yian EH. Coonrad-Morrey total elbow replacement for primary and revision surgery. J Shoulder Elbow Surg:
		Gerber C, Pennington SD, Yian EH, Pfirrmann CA, Werner CM, Zumstein MA. Lesser tuberosity osteotomy for total shoulder arthroplasty. Surgical technique. J. Bone Joint Surg Am: 88 Suppl 1 Pt 2, 170-177
		Nyffeler RW, Sheikh R, Atkinson TS, Jacob HA, Favre P, Gerber C. Effects of glenoid component version on humeral head displacement and joint reaction forces: an experimental study. J Shoulder Elbow Surg:15(5), 625-9
Espinosa N, Smerek J, Kadakia AR, Myerson MS. Operative management of ankle instability: reconstruction with open and percutaneous methods. Foot Ankle Clin.: 11(3), 547-65		

		Espinosa N, Smerek JP, Myerson MS. Acute and chronic syndesmoisis injuries: pathomechanisms, diagnosis and management. Foot Ankle Clin.: 11(3), 639-57
		Brunner TJ, Grass RN, Stark WJ. Glass and Bioglass Nanopowders by Flame Synthesis. Chemical Communications (submitted 2006 Chem Commun (Camb):7(13), 1384-6

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		Meyer DC, Lajtai G, von Rechenberg B, Pfirrmann CW, Gerber C. Tendon retracts more than muscle in experimental chronic tears of the rotator cuff. J. Bone Joint Surg Br.: 88(11, 1533-8
		Werner CM, Zingg PO, Lie D, Jacob HA, Gerber C. The biomechanical role of the subscapularis in latissimus dorsi transfer for the treatment of irreparable rotator cuff tears. J Shoulder Elbow Surg:15(6), 736-42.
		Brunner TJ, Wick P, Manser P, Spohn P, Grass RN, Limbach LK, Bruinink A, Stark WJ. In vitro cytotoxicity of oxide nanoparticles: Comparison to asbestos, silica, and the effect of particle solubility. Environ Sci Technol 2006; 40(14): 4374-81
		Yian EH, Ramappa AJ, Oernulf A, Gerber C. The constant score in normal shoulders. JBJS: 14(2); 128-133

2005	<b>Originalarbeiten</b>	Werner CM, Gilbert M, Steimann P, Gerber C. Treatment of painful pseudoparesis due to irreparable rotator cuff dysfunction with the Delta®III-reverse-ball-and-socket total shoulder prosthesis . JBJS Am: 87(7); 1476-1486
		Gerber C, Yian EH, Pfirrmann CA, Zumstein MA, Werner CM. Subscapularis muscle function and structure after total shoulder replacement with lesser tuberosity osteotomy and repair. JBJS Am: 87(8); 1739-45
		Yian EH, Werner CM, Nyffeler RW, Pfirrmann CW, Ramappa A, Sukthankar A, Gerber C. Radiographic and computed tomography analysis of cemented pegged polyethylene glenoid components in total shoulder replacement. JBJS: 87(9), 1928-36
		Zumstein MA, Jost B, Gerber C. Instability of the Shoulder in Athletes. Schweiz. Zeitschrift f. Sportmedizin und Sporttraumatologie: 53, 27-35
		Meyer DC, Pirkel C, Pfirrmann CW, Zanetti M, Gerber C. Asymmetric atrophy of the supraspinatus muscle following tendon tear. J Orthop Res: 23(2), 254-258

		Meyer DC, Siebenrock KA, Schiele B, Gerber C. A new methodology for the planning of single-cut corrective osteotomies of mal-aligned long bones. Clin Biomech: 20(2), 223-227
		Limbach LK, Li Y, Grass RN, Brunner TJ, Hintermann MA, Muller M, Gunther D, Stark WJ. Oxide nanoparticle uptake in human lung fibroblasts: effect of particle size, agglomeration and diffusion at low concentration. Environ Sci Technol 2005; 39(23):9370-76

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		Tétreault P, Krueger A, Zurakowski D, Gerber C. Glenoid version and rotator cuff tears. Journal of Orthopaedic Research: 22; 202-207
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2004	<b>Originalarbeiten</b>	Schneeberger AG, Yian EH. Arthroscopic posterior portal closure. Arthroscopy: 20 (2); 110-112.
		Dumont CE, Neumann H, Lingenfelter EJ. Pedicled flaps for lower extremity reconstruction in the elderly. A retrospective study of 16 cases. Annals of Plastic Surgery: 53; 268-371
		Gerber C, Meyer DC, Schneeberger AG, Hoppeler H, von Rechenberg B. Effect of tendon release and delayed repair on the structure of the muscles of the rotator cuff: an experimental study in sheep. JBJS: 86-A; 1972-1982
		Meyer DC, Hoppeler H, von Rechenberg B, Gerber C. A pathomechanical concept explains muscle loss and fatty muscular changes following surgical tendon release. Journal of Orthopaedic Research: 22; 1004-1007
		Gerber C, Werner CML, Macy JC, Jacob HAC, Nyfeler RW. The effect of selective capsulorrhaphy on passive range of motion of the glenohumeral joint. An experimental Investigation. JBJS: 85-A(1); 48-55

2003	<b>Originalarbeiten</b>	Meyer DC, Ramseier L., Lajtai G, Nötzli H. A new method for cerclage wire fixation to maximal pretension with minimal elongation to failure. Clin Biomech:18(10); 975-80
		Shoulder Arthroscopy and MRI-Techniques. Lajtai G, Snyder SJ, Aitzetmüller G, Applegate G, Gerber C (Hrsg). Springer, Berlin
	<b>Buch</b>	Gerber A, Gerber C. Acromioclavicular joint: distal clavicle resection. In: Atlas of shoulder arthroscopy. Imhoff AB, Ticker JB, Fu F(Hrsg). Martin Dunitz, London: chapter 26; 249-254
	<b>Buchbeitrag</b>	Dumont C, Thalmann R, Macy JC. The effect of rotational malunions of the radius and the ulna on supination and pronation. An experimental investigation. JBJS: 84(7); 1070-4

2002	<b>Originalarbeit</b>	Holovac TF, Espinosa N, Gerber C. Latissimus dorsi transfers in total cuff reconstruction. In: Master techniques in orthopaedic surgery, the shoulder, 2 <sup>nd</sup> edition. Craig EV (Hrsg). Lippincott Williams & Wilkins, Philadelphia: 361-381
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