

# Schriftenverzeichnis Dr. Volker Braunstein

Schmidutz F, Sprecher CM, Milz S, Gohlke F, Hertel R, **Braunstein V.**

Resurfacing of the humeral head: An analysis of the bone stock and osseous integration under the implant.

J Orthop Res. 2015 Mar 25. [Epub ahead of print]

**Braunstein V**, Ockert B, Windolf M, Sprecher CM, Mutschler W, Imhoff A, Postl LK, Biberthaler P, Kirchhoff C.

Increasing pullout strength of suture anchors in osteoporotic bone using augmentation-A cadaver study.

Clin Biomech. 2015;30:243-7

Günther CM, Müller PE, Mutschler W, Sprecher CM, Milz S, **Braunstein V.**

Straight proximal humeral nails are surrounded by more bone stock in comparison to bent nails in an experimental cadaveric study.

Patient Saf Surg. 2014;8:18

Ockert B, Siebenbürger G, Kettler M, **Braunstein V**, Mutschler W.

Long-term functional outcomes (median 10 years) after locked plating for displaced fractures of the proximal humerus.

J Shoulder Elbow Surg. 2014;23:1223-31

Sequential effects in continued visual search: using fixation-related potentials to compare distractor processing before and after target detection.

Körner C, **Braunstein V**, Stangl M, Schlägl A, Neuper C, Ischebeck A.

Psychophysiology. 2014;51:385-95

**Braunstein V.**

Frakturenendoprothetik Schulter und Ellenbogen

Unfallchirurg. 2013;116:678-9

**Braunstein V.**

Proximale Humerusfrakturen

Unfallchirurg. 2013;116:680-3

Ockert B, Biermann N, Haasters F, Mutschler W, **Braunstein V.**

Die primäre inverse Frakturprothese

Unfallchirurg. 2013;116:684-90

Individual differences in solving arithmetic word problems.

Zarnhofer S, **Braunstein V**, Ebner F, Koschutnig K, Neuper C, Ninaus M, Reishofer G, Ischebeck A.

Behav Brain Funct. 2013 Jul 24;9(1):28. doi: 10.1186/1744-9081-9-28.

Investigating the influence of proficiency on semantic processing in bilinguals: an ERP and ERD/S analysis.

**Braunstein V**, Ischebeck A, Brunner C, Grabner RH, Stamenov M, Neuper C.  
Acta Neurobiol Exp (Wars). 2012;72(4):421-38.

Biberthaler P, Beirer M, Kirchhoff S, **Braunstein V**, Wiedemann E, Kirchhoff C.  
Significant benefit for older patients after arthroscopic subacromial decompression: a long-term  
follow-up study.  
Int Orthop. 2013 Mar;37:457-62

Kirchhoff C, **Braunstein V**, Milz S, Sprecher CM, Kirchhoff S, Graw M, Imhoff AB,  
Hinterwimmer S.  
Age and gender as determinants of the bone quality of the greater tuberosity: a HR-pQCT  
cadaver  
study.  
BMC Musculoskelet Disord. 2012;13:221

Postl LK, **Braunstein V**, von Eisenhart-Rothe R, Kirchhoff C.  
Footprint reconstruction in a rotator cuff tear associated cyst of the greater tuberosity:  
augmented  
anchorage.  
Arch Orthop Trauma Surg. 2013;133:81-5

Brink PR, Windolf M, de Boer P, Brianza S, **Braunstein V**, Schwieger K.  
Tension band wiring of the olecranon: is it really a dynamic principle of osteosynthesis?  
Injury. 2013;44:518-22

Schmidutz F, Beirer M, **Braunstein V**, Bogner V, Wiedemann E, Biberthaler P.  
The Munich Shoulder Questionnaire (MSQ): development and validation of an effective  
patient-reported  
tool for outcome measurement and patient safety in shoulder surgery.  
Patient Saf Surg. 2012;18;6:9

Ockert B, **Braunstein V**, Sprecher CM, Shinohara Y, Milz S.  
Fibrocartilage in various regions of the human glenoid labrum. An immunohistochemical  
study on  
human cadavers.  
Knee Surg Sports Traumatol Arthrosc. 2012;20:1036-41

Leidel BA, Kirchhoff C, Bogner V, **Braunstein V**, Biberthaler P, Kanz KG.  
Comparison of intraosseous versus central venous vascular access in adults under  
resuscitation in  
the emergency department with inaccessible peripheral veins.  
Resuscitation. 2012;83:40-5

Regauer M, **Braunstein VA**, Khalil PN, Thun H, Mutschler W, Kanz KG.  
Ausgekugelt, was nun? Einrenktechniken bei rezidivierender Schulterluxation.  
MMW Fortschr Med. 2011;153:33-5

**Braunstein V**, Duda S, Sprecher CM, Brightenti V, Arora R, Tami A, Lutz M, Milz S.  
Vergleich der lokalen Spongiosadichte osteoporotischer und nichtosteoporotischer distaler  
Radii.  
Unfallchirurg. 2011;114:424-30

Windolf M, Maza ER, Gueorguiev B, **Braunstein V**, Schwieger K.  
Treatment of distal humeral fractures using conventional implants. Biomechanical evaluation  
of a new  
implant configuration.  
BMC Musculoskelet Disord. 2010;11:172

Paul AO, Kirchhoff C, Kay MV, Hiebl A, Koerner M, **Braunstein VA**, Mutschler W, Kanz KG.  
Malfunction of a Heimlich flutter valve causing tension pneumothorax: case report of a rare  
complication.  
Patient Saf Surg. 2010;4:8

Ockert B, **Braunstein V**, Sprecher C, Shinohara Y, Kirchhoff C, Milz S.  
Attachment sites of the coracoclavicular ligaments are characterized by fibrocartilage  
differentiation:  
a study on human cadaveric tissue.  
Scand J Med Sci Sports. 2012;22:12-7

Jähn K, **Braunstein V**, Furlong PI, Simpson AE, Richards RG, Stoddart MJ.  
A rapid method for the generation of uniform acellular bone explants: a technical note.  
J Orthop Surg Res. 2010;5:32

Leidel BA, Kirchhoff C, **Braunstein V**, Bogner V, Biberthaler P, Kanz KG.  
Comparison of two intraosseous access devices in adult patients under resuscitation in the  
emergency  
department: A prospective, randomized study.  
Resuscitation. 2010;81:994-9

Ockert B, **Braunstein V**, Kirchhoff C, Körner M, Kirchhoff S, Kehr K, Mutschler W, Biberthaler  
P.  
Monoaxial versus polyaxial screw insertion in angular stable plate fixation of proximal humeral  
fractures:  
radiographic analysis of a prospective randomized study.  
J Trauma. 2010;69:1545-51

Kirchhoff C, **Braunstein V**, Milz S, Sprecher CM, Fischer F, Tami A, Ahrens P, Imhoff AB, Hinterwimmer S.

Assessment of bone quality within the tuberosities of the osteoporotic humeral head: relevance for anchor positioning in rotator cuff repair.  
Am J Sports Med. 2010;38:564-9

Leidel BA, Kirchhoff C, Bogner V, Stegmaier J, Mutschler W, Kanz KG, **Braunstein V**. Is the intraosseous access route fast and efficacious compared to conventional central venous catheterization in adult patients under resuscitation in the emergency department? A prospective observational pilot study.

Patient Saf Surg. 2009;3:24

Schnabel B, Scharf M, Schwieger K, Windolf M, Pol BV, **Braunstein V**, Appelt A. Biomechanical comparison of a new staple technique with tension band wiring for transverse patella fractures.  
Clin Biomech. 2009;24:855-9

**Braunstein V**, Kirchhoff C, Ockert B, Sprecher CM, Korner M, Mutschler W, Wiedemann E, Biberthaler P.

Use of the fulcrum axis improves the accuracy of true anteroposterior radiographs of the shoulder.

J Bone Joint Surg Br. 2009;91:1049-53

Ockert B, Mutschler W, Biberthaler P, **Braunstein V**.

Die Akromioklavikulargelenkzyste.

Orthopäde. 2009;38:976-79

Leidel BA, **Braunstein V**, Kirchhoff C, Pilotto S, Mutschler W, Biberthaler P.

Consistency of long-term outcome of acute Rockwood grade III acromioclavicular joint separations after K-wire transfixation.

J Trauma. 2009;66:1666-71

Leidel BA, **Braunstein V**, Pilotto S, Mutschler W, Kirchhoff C.

Mid-term outcome comparing temporary K-wire fixation versus PDS augmentation of Rockwood grade III acromioclavicular joint separations.

BMC Res Notes. 2009;2:84

Kirchhoff C, **Braunstein V**, Paul J, Imhoff AB, Hinterwimmer S.

Influence of head size on the development of metallic wear and on the characteristics of carbon layers in metal-on-metal hip joints.

Patient Saf Surg. 2009;3:6

Kirchhoff C, Buhmann S, **Braunstein V**, Leidel BA, Vogel T, Kreimeier U, Mutschler W, Biberthaler P. Cerebrospinal s100-B: a potential marker for progressive intracranial hemorrhage in patients with severe traumatic brain injury.

Eur J Med Res. 2008;13:511-6.

Windolf M, Muths R, **Braunstein V**, Gueorguiev B, Hänni M, Schwieger K.  
Quantification of cancellous bone-compaction due to DHS Blade insertion and influence upon  
cut-out resistance.  
Clin Biomech. 2009;24:53-8

Kirchhoff C, Buhmann S, Bogner V, Stegmaier J, Leidel BA, **Braunstein V**, Mutschler W,  
Biberthaler P.  
Cerebrospinal IL-10 concentration is elevated in non-survivors as compared to survivors after  
severe  
traumatic brain injury.  
Eur J Med Res. 2008;13:464-8.

Kirchhoff C, **Braunstein V**, Kirchhoff S, Sprecher CM, Ockert B, Fischer F, Leidel BA,  
Biberthaler P.  
Outcome analysis following removal of locking plate fixation of the proximal humerus.  
BMC Musculoskelet Disord. 2008;9:138

Kirchhoff C, Leidel BA, Kirchhoff S, **Braunstein V**, Bogner V, Kreimeier U, Mutschler W,  
Biberthaler P. Analysis of N-terminal pro-B-type natriuretic peptide and cardiac index in  
multiple injured patients: a  
prospective cohort study.  
Crit Care. 2008;12:R118

**Braunstein V**, Korner M, Brunner U, Mutschler W, Biberthaler P, Wiedemann E.  
The fulcrum axis: a new method for determining glenoid version.  
J Shoulder Elbow Surg. 2008;17:819-24

Kirchhoff C, **Braunstein V**, Buhmann Kirchhoff S, Oedekoven T, Mutschler W, Biberthaler P.  
Stage-dependant management of septic arthritis of the shoulder in adults.  
Int Orthop. 2009;33:1015-24

Kirchhoff C, **Braunstein V**, Buhmann S, Mutschler W, Biberthaler P.  
A salvage procedure for failed weaver-dunn reconstruction.  
Oper Orthop Traumatol. 2008;20:176-81

Biberthaler P, Kirchhoff C, **Braunstein V**.  
Neue Trends für schmerzende Schultern.  
MMW Fortschr Med. 2008;150:40-1

**Braunstein V**, Sprecher CM, Gisep A, Benneker L, Yen K, Schneider E, Heini P, Milz S.  
Long-term reaction to bone cement in osteoporotic bone: new bone formation in vertebral  
bodies after vertebroplasty.  
J Anat. 2008;212:697-701

Kirchhoff C, Buhmann S, **Braunstein V**, Weiler V, Mutschler W, Biberthaler P.  
Synovial chondromatosis of the long biceps tendon sheath in a child: a case report and review of the literature.  
J Shoulder Elbow Surg. 2008;17:e6-e10

**Braunstein V**, Kirchhoff C, Buhmann S, Mutschler W, Biberthaler P.  
Zweizeitige bilaterale Klavikulafraktur. Konservative vs. operative Therapie mittels intramedullärer Osteosynthese – Fallbericht  
Orthopäde. 2007;36:757-60

Kettler M, Schieker M, **Braunstein V**, König M, Mutschler W.  
Flexible intramedullary nailing for stabilization of displaced midshaft clavicle fractures: technique and results in 87 patients.  
Acta Orthop. 2007;78:424-9

Kirchhoff C, **Braunstein V**, Buhmann S, Kanz KG, Mutschler W, Biberthaler P.  
Diagnostik und Behandlungsregime der traumatischen dorsalen Schulterluxation. Fallserie und Diskussion der Literatur.  
Unfallchirurg. 2007;110:1059-64

**Braunstein V**, Wiedemann E, Plitz W, Muensterer OJ, Mutschler W, Hinterwimmer S.  
Operative treatment of greater tuberosity fractures of the humerus--a biomechanical analysis.  
Clin Biomech. 2007;22:652-7

Kettler M, Biberthaler P, **Braunstein V**, Zeiler C, Kroetz M, Mutschler W.  
Die winkelstabile Osteosynthese am proximalen Humerus mit der PHILOS-Platte. Darstellung von 225 dislozierten Frakturen.  
Unfallchirurg. 2006;109:1032-40

Sommerey S, **Braunstein V**, Kanz KG, Mutschler W.  
Häufig übersehen, besonders bei adipösen und muskulösen Patienten. Die dorsale Schulterluxation.  
MMW Fortschr Med. 2006;148:36-7