

Übersicht Publikationen Prof. Dr. med. Götz Röderer

1. Röderer G

Beeinflussung des chemotaktischen Verhaltens humaner mesenchymaler Stammzellen durch verschiedene Wachstumsfaktoren.

Dissertation, Medizinischen Fakultät der Universität Ulm, Deutschland (2002)

2. Fiedler J, Röderer G, Günther KP, Brenner R

BMP-2, BMP-4 and PDGFbb stimulate chemotactic migration of primary human mesenchymal progenitor cells.

J Cell Biochem 87(3): 305-312 (2002)

3. Röderer G, Nelitz M, Puhl W, Huch K

Minimally invasive therapy for osteoid osteoma (German).

Z Orthop 142(4): 456-461 (2004)

4. Kelsch G, Röderer G, Gebhard F, Ulrich C

Treatment of per- and subtrochanteric femoral fractures with gliding nail osteosynthesis (German).

Akt Traumatol 36: 159-165 (2006)

5. Röderer G, Gebhard F, Erhardt J, AbouElsoud M, Kinzl L

The Non-Contact-Bridging Plate: A new fixed-angle device for the minimally-invasive treatment of fractures of the proximal humerus- -technique and preliminary results (German).

Unfallchirurg 110(6): 505-512 (2007)

6. Röderer G, AbouElsoud M, Gebhard F, Boeckers T, Kinzl L

Minimally invasive application of the Non-Contact-Bridging (NCB) plate to the proximal humerus: An anatomical study.

J Orthop Trauma 21(9): 621-627 (2007)

7. Huch K, **Röderer G**, Ulmar B, Reichel H
CT-guided interventions in orthopedics.
Arch Orthop Trauma Surg 127(8): 677-83 (2007)
8. Erhardt JB, Grob K, **Röderer G**, Hoffmann A, Forster TN, Kuster MS
Treatment of periprosthetic femur fractures with the non-contact bridging plate:
a new angular stable implant.
Arch Orthop Trauma Surg 128(4): 409-416 (2008)
9. Kelsch G, **Röderer G**, Gebhard F, Ulrich C
Primary hemiarthroplasty of complex fractures of the humeral head – results
for different prosthetic designs.
10. Borens O, Kloen P, Richmond J, **Röderer G**, Levine DS, Helfet DL
Minimally invasive treatment with a low profile plate: preliminary results in 17
cases.
Arch Orthop Trauma Surg 129(5): 649-659 (2009)
11. Erhardt JB, **Röderer G**, Grob K, Forster TN, Stoffel K, Kuster MS
Early results in the treatment of proximal humeral fractures with a polyaxial
locking plate.
Arch Orthop Trauma Surg 129(10): 1367-1374 (2009)
12. **Röderer G**, AbouElsoud M, Gebhard F, Claes L, Aschoff AJ, Kinzl L
Biomechanical investigation of fixed-angle plate osteosynthesis of the proximal
humerus (German).
Unfallchirurg 113(2): 133-138 (2010)
13. **Röderer G**, Erhardt J, Graf M, Kinzl L, Gebhard F
Clinical results for minimally invasive locked plating of proximal humerus
fractures.
J Orthop Trauma: 24(7): 400-406 (2010)

14. **Röderer G**, Erhardt J, Kuster M, Vegt P, Bahrs C, Kinzl L, Gebhard F
Second generation locked plating of proximal humerus fractures - A prospective multicenter observational study.
International Orthopaedics 35: 425-432 (2010)
15. **Röderer G**, Gebhard F, Krischak K, Wilke H-J, Claes L
Biomechanical *in vitro* assessment of fixed angle plating using a new concept of locking for the treatment of osteoporotic proximal humerus fractures.
International Orthopaedics 35: 535-541 (2010)
16. **Röderer G**, Moll S, Gebhard F, Claes L, Krischak G
Side-plate fixation vs. intramedullary nailing in an unstable medial femoral neck fracture model: A comparative biomechanical study.
Clin Biomech 26(2): 141-146 (2010)
17. **Röderer G**, Gebhard F
Weichteilbehandlung.
Stannard JP et al., Hrsg. Spezielle Unfallchirurgie. Stuttgart: Thieme; 2011
18. **Röderer G**, Gebhard F
Neue Konzepte der Plattenosteosynthese.
Stannard JP et al., Hrsg. Spezielle Unfallchirurgie. Stuttgart: Thieme; 2011
19. Kraus M, Keppler P, **Röderer G**, Gebhard F, Bartl C
Navigierte Umstellungsosteotomie. Indikation, Technik und Ergebnisse.
OP-Journal 27: 148-151 (2011)
20. **Röderer G**, Sperfeld AD, Hansen P, Krischak G, Gebhard F, Kassubek J
Electrophysiological assessment of the deltoid muscle after minimally invasive treatment of proximal humerus fractures - a clinical observation.
Open Orthop J. 2011; 5: 223-8.

21. Krischak G, Dürselen L, **Röderer G**
Treatment of peritrochanteric fractures: biomechanical considerations.
Unfallchirurg. 2011 Jun; 114(6):485-90.
Impact Factor: 0,610
22. Brianza S, **Röderer G**, Schiuma D, Schwyn R, Scola A, Gebhard F, Tami AE
Where do locking screws purchase in the humeral head?
Injury. 2012; 43(6):850-5.
23. Jöckel J, Erhardt J, Vincenti M, Reissig J, Hoffmann R, Husain B, Täger G, Partenheimer A, Lill H, Gebhard F, **Röderer G**
Minimally invasive and open surgical treatment of proximal tibia fractures using a polyaxial locking plate system: A prospective multi-centre study.
Int Orthop. 2013; 37(4): 701-708.
24. Jöckel J, Fischer J, Kraus M, Gebhard F, **Röderer G**
Proximal tibia fracture treatment with a new locking device with polyaxial screw placement. Technique and early results.
Z Orthop Unfall. 2013; 151(1):85-92.
25. Kraus M, **Röderer G**, Max M, Krischak G, Gebhard F, Riepl C
Influence of fracture type and surgeon experience on the emission of radiation in distal radius fractures.
Arch Orthop Trauma Surg. 2013; Apr 16.
26. Scola A, Gebhard F, Weckbach S, Dehner C, Schwyn R, Fliri L, **Röderer G**
Mechanical quantification of local bone quality in the humeral head: a feasibility study.
Open Orthop J. 2013; 7:172-176.

27. **Röderer G**, Scola A, Schmölz W, Gebhard F, Windolf M, Hofmann-Fliri L
Biomechanical in vitro assessment of screw augmentation in locked plating of proximal humerus fractures.
Injury (2013), <http://dx.doi.org/10.1016/j.injury.2013.05.008>
28. Dehner C, Hell W, Kraus M, **Röderer G**, Kramer M
Influence of Anthropometry on the Kinematics of the Cervical Spine in Frontal Sled Tests.
International Journal of Sciences 2013; 2: 26-36.
29. **Röderer G**, Brianza S, Schiuma D, Schwyn R, Scola A, Gueorguiev B, Gebhard F, Tami A
Mechanical Assessment of Local Bone Quality to Predict Failure of Locked Plating in a Proximal Humerus Fracture Model.
Orthopedics 2013; 36(9): e1134-e1140.
30. Erhardt JB, Vincenti M, Pressmar J, Kuelling FA, Spross C, Gebhard F, **Röderer G**
Mid Term Results of Distal Femoral Fractures Treated with a Polyaxial Locking Plate: A Multi-Center Study.
Open Orthop J. 2014; 8: 27-33.
31. **Röderer G**, Gebhard F, Dürselen L, Ignatius A, Claes L
Delayed bone healing following high tibial osteotomy related to increased implant stiffness in locked plating.
Injury 2014; DOI 10.1016/j.injury.2014.04.018.
32. Scola A, Gebhard F, **Röderer G**
Augmentierte Implantate am Beispiel des proximalen Humerus und Femur.
Aktuelle Traumatologie 2014
Peer reviewed journal

33. Scola A, Gebhard F, Dehner C, **Röderer G**
The PFNA® Augmented in Revision Surgery of Proximal Femur Fractures.
Open Orthop J. 2014; 8: 232-236.
34. **Röderer G**, Bartl C, Gebhard F.
Navigation bei Osteotomie.
In: Lobenhoffer P, Agneskrieger JD, Heervaden RJ (Hrsg.). Kniegelenknahe Osteotomien. Indikationen, Planung, OP-Technik mit Plattenfixateuren. 2. Auflage. Thieme Verlag, 2014
35. **Röderer G**, Gebhard F.
Proximale Tibiafrakturen.
In: Pape HC, Hildebrand F (Hrsg.). Basis OP's – Top 20 in der Unfallchirurgie. 1. Auflage. Elsevier Verlag, 2014.
36. Pal'a A, Kapapa M, Posovszky C, **Röderer G**, König R, Woischneck D, Wirtz CR, Kapapa T.
Head Injury in Children: Has a Change in Circumstances Caused an Increase in Treatment Numbers?
J Child Neurol. 2015; 30(9):1153-1158.
37. Nusser M, Holstiege J, Kaluscha R, Tepohl L, Stuby F, **Röderer G**, Krischak G.
Return to Work after Fractures of the Pelvis and the Acetabulum.
Z Orthop Unfall. 2015; 153(3):282-298.
38. Scola A, Gebhard F, **Röderer G**.
Augmentation technique on the proximal humerus.
Unfallchirurg. 2015; Aug 25.
39. **Röderer G**, Gebhard F.
Anwendung von winkelstabilen Formplatten bei der Versorgung komplexer Gelenkfrakturen.
OUP 2017; 012-018 DOI 10.3238/oup.2017.0012-0018

40. **Röderer G**, Richter P.

Was gibt es Neues bei der proximalen Humerusfraktur?