Published manuscripts

Controlled release of fibrin matrix-conjugated platelet derived growth factor improves ischemic tissue regeneration by functional angiogenesis
Acta Biomater. 2016

Extracorporeal shockwave therapy (ESWT) – First choice treatment of fracture non-unions?
Int J Surg. 2015

Extracorporeal shockwave therapy (ESWT) ameliorates healing of tibial fracture non-union unresponsive to conventional therapy
Haffner N, Antonic V, Smolen D, Slezak P, Schaden W, Mittermayr R, Stojadinovic A
Injury 2016

Identification of a Remodeled Neo-Tendon after Arthroscopic Latarjet Procedure
Smolen D, Went P, Tomala D, Sternberg C, Lafosse L, Leuzinger J,
Arthroscopy 2017

Single Row Arthroscopic Rotator Cuff Repair: Clinical superiority of structural tendon integrity
Heuberer P, Smolen D, Pauzenberger L, Laky B, Anderl W
American Journal for Sports Medicine 2017

Bookchapter

Bone and Joint Research (ebook – „in press“)
Fracture Healing
From Bench to Bedside – Physiological and Pathophysiological Aspects
Haffner N, Smolen D, Mittermayr R

In Review

Outcome and Complications of Arthroscopic Latarjet Procedure in 132 Cases
A retrospective study
Meraner D, Smolen D, Thallinger C, Sternberg C, Hahne J, Leuzinger J
Submitted to: Knee Surgery, Sports Traumatology, Arthroscopy

Application of a new polyester patch in arthroscopic massive rotator cuff repair significantly improves clinical outcome and tendon integrity
Smolen D, Hafner N, Mittermayr R, Tichy A, Sternberg C, Leuzinger J
Submitted to: Arthroscopy