



## Emanuel Benninger

### Contact

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## Publications (4)

Jost B, Benninger E, Erhardt J, Külling F, Zdravkovic V, Spross C. The extended medial elbow approach—a cadaveric study. *J Shoulder Elbow Surg* 2015; 24:1074–80.

Spross C, Kaestle N, Benninger E, Fornaro J, Erhardt J, Zdravkovic V, Jost B. Deltoid Tuberosity Index: A Simple Radiographic Tool to Assess Local Bone Quality in Proximal Humerus Fractures. *Clin Orthop Relat Res* 2015; 473:3038–45.

Spross C, Jost B, Rahm S, Winklhofer S, Erhardt J, Benninger E. How many radiographs are needed to detect angular stable head screw cut outs of the proximal humerus – A cadaver study. *Injury* 2014; 45:1557–63.

Spross C, Ebnetter L, Benninger E, Erschbamer M, Erhardt J. Short- or long-stem prosthesis for intramedullary bypass of proximal humeral fractures with severe metaphyseal bone loss: evaluation of primary stability in a biomechanical model. *J Shoulder Elbow Surg* 2013; 22:1682–8.

## Projects (0)

No results found.

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Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

[support.forschung@kssg.ch](mailto:support.forschung@kssg.ch)