

# REFERENCE PAPERS /

## SPINE CURVATURE CORRECTION

Rashad, Ashkan; Heiland, Max; Hiepe, Patrick; Nasirpour, Alireza; Rendenbach, Carsten; Keuchel, Jens et al. (2019):

### **Evaluation of a novel elastic registration algorithm for spinal imaging data: A pilot clinical study.**

In *The international journal of medical robotics + computer assisted surgery : MRCAS* 15 (3), e1991

DOI: <https://doi.org/10.1002/rcs.1991> | PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/30758130>

Carl, Barbara; Bopp, Miriam; Saß, Benjamin; Nimsky, Christopher (2019):

### **Microscope-Based Augmented Reality in Degenerative Spine Surgery: Initial Experience.**

In *World neurosurgery* 128, e541-e551

DOI: <https://doi.org/10.1016/j.wneu.2019.04.192> | PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/31051306>

Carl, Barbara; Bopp, Miriam; Saß, Benjamin; Pojskic, Mirza; Nimsky, Christopher (2019):

### **Augmented reality in intradural spinal tumor surgery.**

In *Acta neurochirurgica* 161 (10), pp. 2181–2193

DOI: <https://doi.org/10.1007/s00701-019-04005-0> | PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/31300886>

Giaj-Levra, Niccolò; Niyazi, Maximilian; Figlia, Vanessa; Napoli, Giuseppe; Mazzola, Rosario; Nicosia, Luca et al. (2019):

### **Feasibility and preliminary clinical results of linac-based Stereotactic Body Radiotherapy for spinal metastases using a dedicated contouring and planning system.**

In *Radiation oncology (London, England)* 14 (1), p. 184

DOI: <https://doi.org/10.1186/s13014-019-1379-9> | PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/31655620>

Saß, Benjamin; Bopp, Miriam; Nimsky, Christopher; Carl, Barbara (2019):

### **Navigated 3-Dimensional Intraoperative Ultrasound for Spine Surgery.**

In *World neurosurgery* 131, e155-e169

DOI: <https://doi.org/10.1016/j.wneu.2019.07.188> | PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/31376550>