EOS & stereEOS

Key Publications

April 24, 2019
Publications on EOS


- Esposito CI, Miller TT, Lipman JD, Carroll KM, Padgett DE, Mayman DJ, Jerabek SA. Biplanar Low-Dose Radiography Is Accurate for Measuring Combined Anteversion After Total Hip Arthroplasty. HSS Journal 2019


- Fritz B, Agten CA, Boldt FK, Zingg PO, Pfirrmann CW, Sutter R. Acetabular coverage differs between standing and supine positions: model-based assessment of low-dose biplanar radiographs and comparison with CT. European Radiology, 2019


• Tschoeke SK. Thoracolumbar Instrumentation and Fusion for Degenerative Disc Disease. Spine Surgery 2019

• Franke J, Michalitsis S. Adjacent Segment Disease with 13 Years Follow Up and Five Operations. Spine Surgery 2019


• Abdi AJ, Mussmann B, Mackenzie A, Klaerke B, Andersen PE. COMPARISON OF RADIATION EXPOSURE TO THE PATIENT AND CONTRAST DETAIL RESOLUTIONS ACROSS LOW DOSE 2D/3D SLOT SCANNER AND TWO CONVENTIONAL DIGITAL RADIOGRAPHY X-RAY IMAGING SYSTEMS. Radiation Protection Dosimetry. 2019


• Pasha S, Sankar WN, Castelein RM. The Link Between the 3D Spino-pelvic Alignment and Vertebral Body morphology in Adolescent Idiopathic Scoliosis. Spine Deformity 2019

• Alrehily F, Hogg P, Twiste M, Johansen S, Tootell AK. Scoliosis imaging : an analysis of radiation risk in the CT scan projection radiograph and a comparison with projection radiography and EOS. Radiography 2019


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• Tabard-Fougère A, Bonnefoy-Mazure A, Dhouib A, Valaikaite R, Armand S, Dayer R. Radiation-free measurement tools to evaluate sagittal parameters in AIS patients: a reliability and validity study. European Spine Journal 2019

• Zhao S, Qian B, Qiu Y, Qiao M, Liu Z, Huang J. The relationship between global spinal alignment and pelvic orientation from standing to sitting following pedicle subtraction osteotomy in ankylosing spondylitis patients with thoracolumbar kyphosis. Archives of Orthopaedic and Trauma Surgery 2019

• Esposito CI, Miller TT, Lipman JD, Carroll KM, Padgett DE, Mayman DJ, Jerabek SA. Biplanar Low-Dose Radiography Is Accurate for Measuring Combined Anteversion After Total Hip Arthroplasty. HSS Journal 2019

• Newton PO, Osborn EJ, Bastrom TP, Doan JD, Reighard FG. The 3D Sagittal Profile of Thoracic Versus Lumbar Major Curves in Adolescent Idiopathic Scoliosis. Spine Deformity 2019


• Fitzgerald R, Upasani VV, Bastrom TP, Bartley CE, Reighard FG, Yaszay B, Newton PO. Three-Dimensional Radiographic Analysis of Two Distinct Lenke 1A Curve Patterns. Spine Deformity 2019

• Pasha S, Sankar WN, Castelein RM. The Link Between the 3D Spino-pelvic Alignment and Vertebral Body morphology in Adolescent Idiopathic Scoliosis. Spine Deformity 2019

• Dagneaux L, Marouby S, Maillot C, Canovas F, Riviere C. Dual mobility device reduces the risk of prosthetic hip instability for patients with degenerated spine: A case-control study. Orthopaedics and Traumatology: Surgery and Research 2018
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• Berliner JL, Esposito CI, Miller TT, Padgett DE, Mayman DJ, Jerabek SA. What preoperative factors predict postoperative sitting pelvic position one year following total hip arthroplasty?. The Bone & Joint Journal 2018
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