



## Publications on EOS

- Huang YH, Fang IY, Kuo YL. The Influence of Nordic Walking on Spinal Posture, Physical Function, and Back Pain in Community-Dwelling Older Adults: A Pilot Study.. InHealthcare 2021
- Ahrend MD, Baumgartner H, Ihle C, Histing T, Schröter S, Finger F.. Influence of axial limb rotation on radiographic lower limb alignment: a systematic review. . Archives of Orthopaedic and Trauma Surgery. 2021
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- Hey HW, Tan KL, Lau ET, Ng JW, Liu GK, Wong HK. The Impact of Radiographic Lower Limb-Spinal Length Proportion on Whole-Body Sagittal Alignment. Spine. 2021
- Park Y, Ko JY, Jang JY, Lee S, Beom J, Ryu JS.. Asymmetrical activation and asymmetrical weakness as two different mechanisms of adolescent idiopathic scoliosis. . Scientific Reports. 2021
- Vergari C, Gaume M, Persohn S, Miladi L, Skalli W. . From in vitro evaluation of a finite element model of the spine to in silico comparison of spine instrumentations.. Journal of the mechanical behavior of biomedical materials. 2021
- Rouchaud A.. Etude de la croissance vertébrale lombaire chez des enfants atteints d'ostéogénèse imparfaite.. Thèse de medecine. 2021
- Salameh M, Bizdikian AJ, Saad E, Saliby RM, Nacouzi R, Khalil N, Ghanem I, Kreichati G, Assi A. Reliability assessment of cervical spine parameters measured on full-body radiographs in asymptomatic subjects and patients with spinal deformity.. Orthopaedics & Traumatology: Surgery & Research. 2021
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- Simon AL, Angelliaume A, Happiette A, Huneidi M, Julien-Marsollier F, Ilharreborde B.. Halo-gravity traction followed by definitive fusion in severe early onset scoliosis: results of a trunk analysis based on biplanar 3D reconstructions.. European Spine Journal. 2021
- Zuckerman SL, Cerpa M, Sardar ZM, Lenke LG. Don't forget the pelvis: accounting for pelvic rotation in the preoperative assessment of adolescent idiopathic scoliosis.. Journal of Spine Surgery. 2021

- Zhao SZ, Qian BP, Huang JC, Qiao M, Wang B, Qiu Y.. Variation patterns of cervical alignment in ankylosing spondylitis–related thoracolumbar kyphosis following pedicle subtraction osteotomy in the sitting position: an EOS-based investigation.. *Spine*. 2021
- Malik A, Dorr L.. Computer Navigation in Total Hip Arthroplasty.. *Evidence-Based Orthopedics*. 2021
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- Watanabe, K., Ohashi, M., Hirano, T., Katsumi, K., Nirasawa, N., Kimura, S., ... & Hasegawa, K.. Significance of long corrective fusion to the ilium for physical function in patients with adult spinal deformity. . *Journal of Orthopaedic Science*, 2020
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- Luthringer J, Garetier M, Lempereur M, Houx L, Burdin V, Ropars J, Salem DB, Printemps C, Brochard S, Pons C.. A Multidisciplinary Approach to Optimizing Long-Term Functional Prognosis of A Girl With Quadriceps Fibrosis. *Journal of Rehabilitation Medicine-Clinical Communications*. 2021
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- Hecker A, Lerch TD, Egli RJ, Liechti EF, Klenke FM. The EOS 3D imaging system reliably measures posterior tibial slope. *Journal of Orthopaedic Surgery and Research*. 2021
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- Lee TT, Lai KK, Cheng JC, Castelein RM, Lam TP, Zheng YP. 3D ultrasound imaging provides reliable angle measurement with validity comparable to X-ray in patients with adolescent idiopathic scoliosis.. *Journal of Orthopaedic Translation*. 2021
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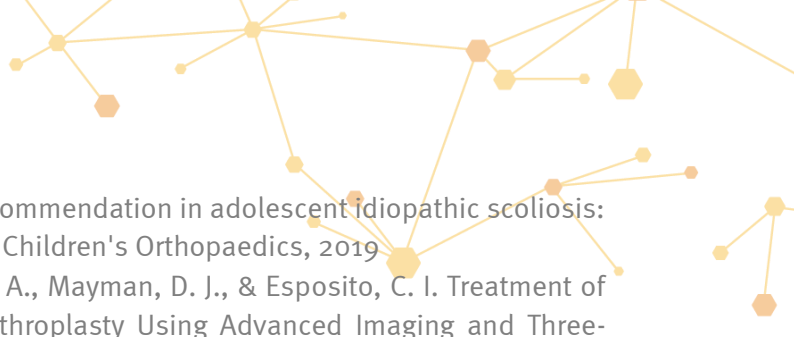
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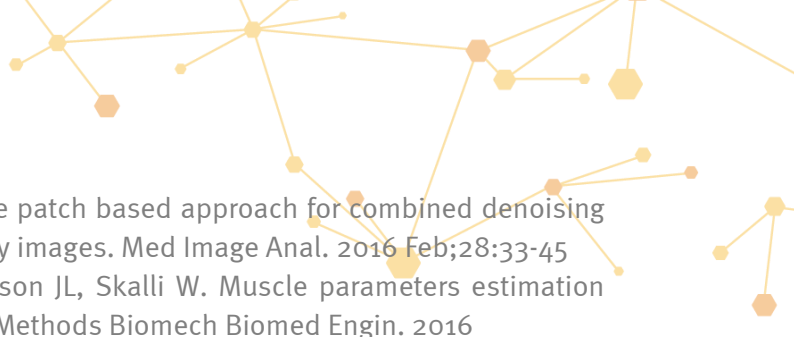


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