Full List of Publications

January 2019
Publications on EOS

- 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


- 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

- Chung CL, Kelly DM, Steele JR, DiAngelo DJ. A mechanical analog thoracolumbar spine model for the evaluation of scoliosis bracing technology. Journal of Rehabilitation and Assistive Technologies Engineering


- Sebaaly A, Grobost P, Mallam L, Roussouly P. Description of the sagittal alignment of the degenerative human spine. Eur Spine J 2018

- Bao HD, Shu SB, Shi J, Liu SN, Sun MH, Hu AN, Liu Z, Zhu ZZ, Qian BP, Qiu Y. [Similar coronal curvature may not represent the same 3-dimensional deformity in adolescent idiopathic scoliosis: a matched-pair study using EOS imaging system]. Zhonghua yi xue za zhi 2018


• Bahadir T, Werner J, Clair AJ, Walker PS. Guidelines for Instrumentation for Total Knee Replacement Based on Frontal Plane Radiographs. Bulletin of the NYU Hospital for Joint Diseases 2018

• Hasegawa K, Okamoto M, Hatsushikano S, Caseiro G and Watanabe K. Difference in whole spinal alignment between supine and standing positions in patients with adult spinal deformity using a new comparison method with slot-scanning three-dimensional X-ray imager and computed tomography through digital reconstructed radiography. BMC musculoskeletal disorders 2018


• Theologis A, Iyer S, Lenke LG, Sides BA, Kim HJ, Kelly MP. Cervical and Cervicothoracic Sagittal Alignment According to Roussouly's Thoracolumbar Subtypes. Spine 2018


• Vergari C, Aubert B, Lalleman-Dudek P, Haen TX, Skalli W. A novel method of anatomical landmark selection for rib cage 3D reconstruction from biplanar radiography. CMBBE: Imaging & Visualization 2018

• Pasha S, Flynn J. Data-driven Classification of the 3D Spinal Curve in Adolescent Idiopathic Scoliosis with an Applications in Surgical Outcome Prediction. Scientific Reports 2018

• Gajny L, Ebrahimi S, Vergari C, Angelini E, Skalli W. Quasi-automatic 3D reconstruction of the full spine from low-dose biplanar X-rays based on statistical inferences and image analysis. Eur Spine J 2018


• Passmore E, Graham HK, Pandy, MG, Sangeux M. Hip- and patellofemoral-joint loading during gait are increased in children with idiopathic torsional deformities. Gait & Posture 2018


• 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

• Fader RR, Tao MA, Gaudiani MA, Turk R, Nwachukwu BU, Esposito CI, Ranawat AS. The role of lumbar lordosis and pelvic sagittal balance in femoroacetabular impingement. The Bone & Joint Journal 2018


• Mustafy T, Amoux PJ, Benoit A, Bianco RJ, Aubin CE, Vilemure I. Load-sharing biomechanics at the thoracolumbar junction under dynamic loadings are modified by anatomical features in adolescent and pediatric vs adult functional spinal units. J Mech Behav Biomed Mater, 2018

• Hu Z, Man GCW, Kwok AKL, Law SW, Chu WWC, Cheung WH, Qiu Y, Cheng JCY. Global sagittal alignment in elderly patients with osteoporosis and its relationship with severity of vertebral fracture and quality of life. Arch Osteoporos, 2018


• Cobetto N, Aubin CE, Parent S. Contribution of Lateral Decubitus Positioning and Cable Tensioning on Immediate Correction in Anterior Vertebral Body Growth Modulation. Spine Deformity, 2018

• Sullivan T, Marino N, Reighard F, Newton P. Relationship Between Lumbar Lordosis and Pelvic Incidence in the Adolescent Patient: Normal Cohort Analysis and Literature Comparison. Spine Deformity, 2018


• Bakouny Z, Assi A, Yared F, Khalil N, Mansour E, Yaacoub JJ, Skalli W, Ghanem I. Combining acetabular and femoral morphology improves our understanding of the down syndrome hip. Clinical Biomechanics, 2018

• van Drongelen S, Fey B, Stief F, Kaldowski H, Ipek D, Meurer A. Changes in leg alignment after total hip replacement detected with the EOS system. Gait & Posture, 2018


• Yu P, Qiu JR, Xie L, Wu WJ, Zhang XK, Cao P, Liang Y. [Two-year clinical and radiological outcomes of minimally invasive surgery for severe adult degenerative scoliosis]. Zhonghua yi xue za zhi, 2018


• Blandin C, Boisson M, Segretin F, Feydy A, Rannou F, Nguyen C. Pelvic parameters in patients with chronic low back pain and an active disc disease: A case-control study. Annals of Physical and Rehabilitation Medicine, 2018


• Tono O, Hasegawa K, Okamoto M, Hatsushikano S, Shimoda H, Watanabe K, Harimaya K. Lumbar lordosis does not correlate with pelvic incidence in the cases with the lordosis apex located at L3 or above. European Spine Journal, 2018

• Kolta S, Etcheto A, Fechtenbaum J, Feydy A, Roux C, Briot K. Measurement of Trabecular Bone Score of the spine by low-dose imaging system (EOS®); a feasibility study. J Clinical Densitometry, 2018
• De Francesco CJ, Pasha S, Miller DJ, Betz, RR, Clements DH, Fletcher ND, Glotzbecker MG, Hwang SW, Kelly MP, Lehman RA, Lonner BS, Newton PO, Roye BD, Sponseller PD, Upasani VV, Cahill PJ. Agreement Between Manual and Computerized Designation of Neutral Vertebra in Idiopathic Scoliosis. Spine Deform 2018

• Fougeron N, Rohan PY, Macron A, Travert C, Pillet H & Skalli W. Subject specific finite element mesh generation of the pelvis from biplanar x-ray images: application to 120 clinical cases. Computer Methods in Biomechanics and Biomedical Engineering, 2018


• Sterba M, Arnoux PJ, Labelle H, Warner WC, Aubin CE. Biomechanical analysis of spinopelvic postural configurations in spondylolysis subjected to various sport-related dynamic loading conditions. European Spine Journal, 2018

• Bao HD, Shu SB, Shi J, Liu SN, Sun MH, Hu AN, Liu Z, Zhu ZZ, Qian BP, Qiu Y. Similar coronal curvature may not represent the same 3-dimensional deformity in adolescent idiopathic scoliosis: a matched-pair study using EOS imaging system. Zhonghua Yi Xue Za Zhi, 2018

• "Celestre PC, Dimar JR, Glassman SD. Spinopelvic Parameters: Lumbar Lordosis, Pelvic Incidence, Pelvic Tilt, and Sacral Slope

• What Does a Spine Surgeon Need to Know to Plan a Lumbar Deformity Correction?. Neurosurgery Clinics, 2018"


• Jackson TJ, Miller D, Nelson S, Cahill PJ, Flynn JM. Two for One: A Change in Hand Positioning During Low-Dose Spinal Stereoradiography Allows for Concurrent, Reliable Sanders Skeletal Maturity Staging. Spine Deformity, 2018

• Hernandez T, Thenard T, Vergari C, Robichon L, Skalli W, Vialle R. Coronal Trunk Imbalance in Idiopathic Scoliosis: Does Gravity Line Localisation Confirm the Physical Findings?. Orthopaedics and Traumatology: Surgery and Research, 2018
• Burkus M, Schlégl AT, O’Sullivan I, Markus I, Vermes C, Tunyogi-Csapo M. Sagittal plane assessment of spino-pelvic complex in a Central European population with adolescent idiopathic scoliosis: a case control study. Scoliosis and Spinal Disorders, 2018

• Cobetto N, Aubin CE, Parent S. Surgical Planning and Follow-up of Anterior Vertebral Body Growth Modulation in Pediatric Idiopathic Scoliosis Using a Patient-Specific Finite Element Model Integrating Growth Modulation. Spine Deformity, 2018

• Assi A, Bakouny Z, Mansour E, Yaacoub JJ, Yared F, Ghanem I. Spinopelvic Alignment in Subjects With Down Syndrome. Clinical Spine Surgery, 2018


• Abelin-Genevois K, Sassi D, Verdun S, Roussouly P. Sagittal classification in adolescent idiopathic scoliosis: original description and therapeutic implications. Eur Spine J, 2018

• Passmore E, Kerr Graham H, Pandy MG, Sangeux M. Hip- and patellofemoral-joint loading during gait are increased in children with idiopathic torsional deformities. Gait & Posture, 2018

• Thompson W, Cogniet A, Challali M, Saddiki R, Rigal J, Le Huec JC. Analysis of cervical sagittal alignment variations after lumbar pedicle subtraction osteotomy for severe imbalance: study of 59 cases. European Spine Journal, 2018


• Jankowski PP, Yaszay B, Cidambi KR, Bartley CE, Bastrom TP, Newton PO. The Relationship Between Apical Vertebral Rotation and Truncal Rotation in Adolescent Idiopathic Scoliosis Using 3D Reconstructions. Spine Deformity, 2018


• Illés TS, Burkus M, Somoskeőy S, Lauer F, Lavaste F, Dubousset JF. Axial plane dissimilarities of two identical Lenke-type 6C scoliosis cases visualized and analyzed by vertebral vectors. Eur Spine J, 2018
• Lahkar BK, Rohan P-Y, Pillet H, Thoreux P, Skalli W. Fast subject specific finite element mesh generation of knee joint from biplanar X-ray images. CMBBE, 2018

• Girinon F, Gajny L, Ebrahimi S, Dagneaux L, Rouch P, Skalli W. Quasi automated reconstruction of the femur from bi-planar X-rays. CMBBE, 2018

• Gajny L, Robichon L, Hernandez T, Vialle R, Skalli W. 3D reconstruction of adolescent scoliotic trunk shape from biplanar X-rays: a feasibility study. CMBBE, 2018

• Obid P, Yiu KKL, Cheung KM, Kwan K, Ruf M, Cheung JPY. Reliability of Rod lengthening, Thoracic and Spino-Pelvic Measurements on Biplanar Stereoradiography in Patients Treated with Magnetically Controlled Growing Rods. Spine, 2018

• Aubry S, Padoin P, Petegnief Y, Vidal C, Riethmuller D, Delabrousse E. Can three-dimensional pelvimetry using low-dose stereoradiography replace low-dose CT pelvimetry?. Diag & Interventional Imaging, 2018

• Westberry DE, Wack LI, Davis RB, Hardin JW. Femoral anteversion assessment: Comparison of physical examination, gait analysis, and EOS biplanar radiography. Gait & Posture, 2018

• Rivière C, Lazic S, Villet L, Wiart Y, Muirhead Allwood S, Cobb J. Kinematic alignment technique for total hip and knee arthroplasty: the personalized implant positioning surgery. EFORT open reviews, 2018


• Pasha S, Flynn JM, Sankar WN. Outcomes of selective thoracic fusion for Lenke 1 adolescent idiopathic scoliosis: predictors of success from the sagittal plane. Eur Spine J, 2018

• Pasha S, Ecker M, Deeney V. Considerations in sagittal evaluation of the scoliotic spine. Eur J Ortho Surg & Trauma, 2018

• Nielsen E, Goldstein RY. Adolescent spine patients have an increased incidence of acetabular overcoverage. J Hip Preserv Surg. 2018

• Madkouri R, Brauge D, Vidon-Buthion A, Fahed E, Mourier KL, Beaurain J, Grelat M. Improvement in Sagittal Balance After Decompression Surgery without Fusion in Patients with Degenerative Lumbar Stenosis: Clinical and Radiographic Results at 1 Year. World Neurosurgery, 2018

• Ferrero E, Ilharreborde B, Mas V, Vidal C, Simon A-L, Mazda K. Radiological and functional outcomes of high-grade spondylolisthesis treated by intrasacral fixation, dome resection
and circumferential fusion: a retrospective series of twenty consecutive cases with a minimum of 2 years follow-up. European Spine Journal, 2018

- Elkin JM, Simoens KJ, Callaghan JJ. Lower Extremity Geometry in Morbid Obesity – Considerations for TKA. J Arthroplasty, 2018

- Dzialo Cm, Pedersen PH, Simonsen CW, Jensen KK, de Zee M, Andersen MS. Development and validation of a subject-specific moving-axis tibiofemoral joint model using MRI and EOS imaging during a quasi-static lunge. J Biomech, 2018

- Barbier O, Skalli W, Mainard D. Changes in pelvic orientation after total hip arthroplasty: a prospective study with EOS™. Acta Orthop Belg, 2018


- Lazennec JY, Folinais D, Florequin C, Pour AE. Does patients' perception of leg length after total hip arthroplasty correlate with anatomical leg length?. J Arthroplasty. 2018

- Kaya O, Ulusoy OL, Karaderele S, Hamzaoglu A. Cervicothoracic spine duplication: a 10-year follow up of a neurological intact boy. European Spine Journal, 2018

- Diebo BG, Shah NV, Stroud SG, Paulino CB, Schwab FJ, Lafage V. Realignment surgery in adult spinal deformity. Der Orthopäde, 2018

- Zeighami A, Aissaoui R, Dumas R. Knee medial and lateral contact forces in a musculoskeletal model with subject-specific contact point trajectories. Journal of Biomechanics, 2018


- Yeganeh A, Moghtadaei M, Motalebi M. A challenge on orthopedic sciences: The Influence of Spinal Disease and Deformities on Total Hip Arthroplasty: A review on literature. European Spine Journal, 2018

- Langlais T, Vergari C, Pietton R, Dubousset J, Skalli W, Vialle R. Shear-wave elastography can evaluate annulus fibrosus alteration in adolescent scoliosis. European Radiology, 2018

Operative Treatment of Adolescent Scheuermann Kyphosis - Prospective Evaluation of 96 Patients. Spine Deformity, 2018

- Passmore EHP, Graham HK, Sangeux M. Defining the medial-lateral axis of the femur: Medical imaging, conventional and functional calibration methods lead to differences in hip rotation kinematics for children with torsional deformities. Journal of Biomechanics, 2018

- Bernard JC, Berthonnaud E, Deceuninck J, Journoud-Rozand L, Notin G, Chaleat-Valayer E. Three-dimensional reconstructions of Lenke 1A curves. Scoliosis and Spinal Disorders, 2018


- Clément J, de Guise JA, Fuentes A, Hagemeister N. Comparison of soft tissue artifact and its effects on knee kinematics between non-obese and obese subjects performing a squatting activity recorded using an exoskeleton. Gait & Posture, 2018


- Ling FP, Chevillotte T, Ieglise A, Thompson W, Bouthors C, Le Huec JC. Which parameters are relevant in sagittal balance analysis of the cervical spine? A literature review. European Spine Journal, 2018


• Pasha S, Cahill PJ, Flynn JM, Sponseller P, Newton P. Relationships Between the Axial Derotation of the Lower Instrumented Vertebra and Uninstrumented Lumbar Curve Correction: Radiographic Outcome in Lenke 1 Adolescent Idiopathic Scoliosis With a Minimum 2-Year Follow-up. Journal of Pediatric Orthopaedics, 2018

• Ilharreborde B. Sagittal balance and idiopathic scoliosis: does final sagittal alignment influence outcomes, degeneration rate or failure rate? European Spine Journal, 2018

• Le Huec JC, Gille O, Fabre T. Sagittal balance and spine-pelvis relation: a French speciality? Orthopaedics and Traumatology: Surgery and Research, 2018

• Okamoto M, Labour F, Sakai K, Hatsukiko S, Le Huec JC, Hasegawa K. Sagittal balance measures are more reproducible when measured in 3D vs in 2D using full-body EOS® images. European Radiology, 2018

• Alqroom R. The Quest of Sagittal Balance Parameters and Clinical Outcome after Short Segment Spinal Fusion. Acta Informatica Medica, 2018

• Esposito C, Carroll KM, Sculco PK, Padgett DE, Jerabek SA, Mayman DJ. Total hip Arthroplasty patients With Fixed Spinopelvic Alignment are at Higher Risk of hip Dislocation. J Arthroplasty. 2018

• Yamato Y, Matsuyama Y. Will a low-dose biplanar radiograph become "gold standard" for three-dimensional assessment of spinal deformity in patients with adolescent idiopathic scoliosis?. J Spine Surg, 2018


• Cobetto N. Planification chirurgicale pour la correction 3D de la scoliose pédiatrique proressive à l'aide d'un dispositif sans fusion flexible. PhD thesis, 2017


• Ng S-Y, Bettany-Saltikov J. Imaging in the Diagnosis and Monitoring of Children with Idiopathic Scoliosis. The Open Orthopaedics Journal. 2017


• Pasha S, Baldwin K. Are we simplifying balance evaluation in adolescent idiopathic scoliosis?. Clin Biomech. 2017


• Cobetto N, Parent S, Aubin CE. 3D correction over 2 years with anterior vertebral body growth modulation tethering: A finite element analysis of screw positioning, cable tensioning and postoperative. Clin Biomech. 2017


• Illés TS, Burkus M, Somoskeöy S, Lauer F, Lavaste F, Dubousset JF. The horizontal plane appearances of scoliosis: what information can be obtained from top-view images?. Int Orthop. 2017 Aug 11


• Hey HWD, Tan KA, Kantharajanna SB, Teo AQA, Chan CX, Liu KG, Wong HK. Using spinopelvic parameters to estimate residual lumbar lordosis assuming previous lumbosacral fusion—a study of normative values. Spine J. 2017 Aug 16


• Lazennec JY, Thauron F, Robbins CB, Pour AE. Acetabular and Femoral Anteversions in Standing Position are Outside the Proposed Safe Zone After Total Hip Arthroplasty. J Arthroplasty. 2017 Jun 20


18
/44


• Sailhan F, Jacob L, Hamadouche M. Differences in limb alignment and femoral mechanical-anatomical angles using two dimension versus three dimension radiographic imaging. Int Orthop. 2017 Feb 24


• Lazennec JY, Clark IC, Folinais D, Tahar IN, Pour A. What is the impact of a spinal fusion on acetabular implant orientation in functional standing and sitting positions? J Arthroplasty. 2017
• Le Navéaux F, Labelle H, Parent S, Newton PO, Aubin CE. Are there 3D Changes in Spine and Rod Shape in the 2 Years After Adolescent Idiopathic Scoliosis Instrumentation? Spine. 2017


• Lazennec JY, Chometon Q, Folinais D, Robbins CB, Pour AE. Are advanced three-dimensional imaging studies always needed to measure the coronal knee alignment of the lower extremity? Int Orthop. 2016 Nov 14

• Ben Abdennebi A, Aubry S, Ounalli L, Fayache MS, Delabrousse E, Petegnief Y. Comparative dose levels between CT-scanner and slot-scanning device (EOS system) in pregnant women pelvimetry. Phys Med. 2016 Dec 16


• Hui SCN, Chu WCW. Supplementary Addendum to “Radiation dose of digital radiography (DR) versus micro-dose x-ray (EOS) on patients with adolescent idiopathic scoliosis: 2016 SOSORT- IRSSD “John Sevastic Award” Winner in Imaging Research”. Scoliosis Spinal Disord, 2018


• Price R, Okamoto M, Le Huec JC, Hasegawa K. Normative spino-pelvic parameters in patients with the lumbarization of S1 compared to a normal asymptomatic population. Eur Spine J. 2016 Sep 26


- Kim YC, Lenke LG, Lee SJ, Gum JL, Wilartratsami S, Blanke KM. The cranial sagittal vertical axis (CrSVA) is a better radiographic measure to predict clinical outcomes in adult spinal deformity surgery than the C7 SVA: a monocentric study. Eur Spine J. 2016 Oct 14


• Rosskopf AB, Pfirrmann CW, Buck FM. Assessment of two-dimensional (2D) and three-dimensional (3D) lower limb measurements in adults: Comparison of micro-dose and low-dose biplanar radiographs. Eur Radiol. 2016

• Hocquelet A, Cornelis F, Jirot A, Castaings L, de Sèze M, Hauger O. Patient-specific 3D models created by 3D imaging system or bi-planar imaging coupled with Moiré-Fringe projections: a comparative study of accuracy and reliability on spinal curvatures and vertebral rotation data. Eur Spine J. 2016


• Cogniet A, Aunoble S, Rigal J, Demezon H, Sadikki R, Le Huec JC. Clinical and radiological outcomes of lumbar posterior subtraction osteotomies are correlated to pelvic incidence and FBI index: Prospective series of 63 cases. Eur Spine J. 2016


• Hey H, Teo AQ, Tan KA, Ng LW, Lau LL, Liu KG, Wong HK. How the spine differs in standing and in sitting-important considerations for correction of spinal deformity. Spine J. 2016

• Le Huec JC, Hasegawa K. Normative values for the spine shape parameters using 3D standing analysis from a database of 268 asymptomatic Caucasian and Japanese subjects. Eur Spine J. 2016


• Pasha S, Cahill PJ, Dormans JP, Flynn JM. Characterizing the differences between the 2D and 3D measurements of spine in adolescent idiopathic scoliosis. Eur Spine J. 2016


• Schmid SL, Buck FM, Böni T, Farshad M. Radiographic measurement error of the scoliotic curve angle depending on positioning of the patient and the side of scoliotic curve. Eur Spine J. 2015 Sep 30


• Clavel AH, Monnin P, Létang JM, Verdon FR, Darbon A. Characterising the EOS Slot-Scanning System with the Effective Detective Quantum Efficiency. Radiat Prot Dosimetry. 2015


• Guggenberger R, Pfirrmann CW, Koch PP, Buck FM. Assessment of Lower Limb Length and Alignment by Biplanar Linear Radiography: Comparison With Supine CT and Upright Full-Length Radiography. AJR. 2014


• Barbier O, Skalli W, Mainard L, Mainard D. The reliability of the anterior pelvic plane for computer navigated acetabular component placement during total hip arthroplasty: Prospective study with the EOS imaging system. Orthop Traumatol Surg Res. 2014


• Lazennec JY, Brusson A, Folinais D, Rousseau M, Pour AE, Offset and anteversion reconstruction after cemented and uncemented total hip arthroplasty: an evaluation with
the low-dose EOS system comparing two- and three-dimensional imaging. Int Orthop. 2014.


- Rosskopf AB, Ramseier LE, Sutter R, Pfirrmann CW, Buck FM. Femoral and Tibial Torsion Measurement in Children and Adolescents: Comparison of 3D Models Based on Low-Dose Biplanar Radiography and Low-Dose CT. AJR. 2014


• Meijer MF, Boerboom AL, Stevens M, Bulstra SK, Reininga IHF. Assessment of prosthesis alignment after revision total knee arthroplasty using EOS 2D and 3D imaging; a reliability study. Plos one. 2014

• Meyrignac O, Moreno R, Baunin C, Vial J, Accadbled F, Sommet A, de Gauzy JS, Sans N. Low-dose biplanar radiography can be used in children and adolescents to accurately assess femoral and tibial torsion and greatly reduce irradiation. Eur Radiol, 2014


• Sangeux M, Pillet H, Skalli W. Which method of hip joint centre localisation should be used in gait analysis?. Gait and Posture. 2014.


• Aubert B, Vergari C, Ilharreborde B, Courvoisier A, Skalli W. 3D reconstruction of rib cage geometry from biplanar radiographs using a statistical parametric model approach. CMBBE. 2014.


• Somoskeoy S, Tunyogi-Csapo M, Bogyo C, Illes T. Accuracy and reliability of coronal and sagittal spinal curvature data based on patient-specific three-dimensional models created by the EOS 2D/3D imaging system. Spine J2012 Oct 23.


Steffen JS, Obeid I, Aurouer N, Hauger O, Vital JM, Dubousset J, Skalli W. “3D postural balance with regard to gravity line: an evaluation in the transversal plane on 93 patients and 23 asymptomatic volunteers.” Eur Spine J. 2010 May;19(5)


Humbert, L. et al. "3D reconstruction of the spine from biplanar X-rays using parametric models based on transversal and longitudinal inferences." Medical Engineering and Physics (2009)


• Humbert L, Carlloz H, Baudoin A, Skalli W, Mitton D. 3D Evaluation of the acetabular coverage assessed by biplanar X-rays or single anteroposterior X-ray compared with CT-scan. Computer Methods in Biomechanics and Biomedical Engineering 2008.


• Bertrand S, Skalli W, Delacherie L, Bonneau D, Kalifa G, Mitton D. External and internal geometry of European adults. Ergonomics 2006; 49(15):1547-1564


