

Sharing Scientific Knowledge and Evidence

Clinical Literature Library

A series of white, wavy, overlapping lines that flow from the left side of the image towards the right, creating a sense of movement and depth against the solid blue background.



Title	Author	Year	Journal	Keywords	Link
Pre-Operative Digital Templating Aids Restoration of Leg-Length Discrepancy and Femoral Offset in Patients Undergoing Total Hip Arthroplasty for Primary Osteoarthritis	Joshua Rui Yen Wong	2022	Cureus	Lld, Leg Length Discrepancy, TraumaCad, Hip Arthroplasty, Total Hip Replacement, Osteoarthritis	Go to article
Preoperative joint line convergence angle correction is a key factor in optimising accuracy in varus knee correction osteotomy	P. Behrendt	2022	Knee Surgery, Sports Traumatology, Arthroscopy	Preoperative Planning, Osteotomy, Hto, TraumaCad	Go to article
Lower Limb Deformity and Gait Deviations Among Adolescents and Adults With X-Linked Hypophosphatemia	Gabriel T. Mindler	2021	Front. Endocrinol	TraumaCad, Deformity, Elements Adaptive Hybrid Surgery Analysis, Lower Limb	Go to article
KingMark's dual-marker versus a conventional single-marker templating system: is there a difference in accuracy of predicting final implant sizes and leg lengths?	Mohammad Al-Ashqar	2021	Eur J Orthop Surg Traumatol	Kingmark, Calibration, Hip Arthroplasty, Total Hip Replacement, Pelvic, Templating	Go to article
Bone Lengthening with a Motorized Intramedullary Nail in 34 Patients with Posttraumatic Limb Length Discrepancies	Maxime Teulières	2021	PMC Journal	TraumaCad, Trauma, Limb Lengthening, Lld, Fracture	Go to article
Targeting the safe zones for cup position without fluoroscopic guidance in total hip arthroplasty: does the surgical approach affect the outcomes?	Carlo Trevisan	2021	European Journal of Orthopaedic Surgery & Traumatology	TraumaCad, Hip Arthroplasty, Total Hip Replacement, Hip	Go to article
Reliability of a simple fluoroscopic image to assess leg length discrepancy during direct anterior approach total hip arthroplasty	Sandi Caus	2021	World Journal of Orthopedics	Lld, Total Hip Replacement, Leg Length Discrepancy, Hip, TraumaCad, Hip Arthroplasty	Go to article
Digital Preop-planning of Total Hip Arthroplasties	Nicolas Reina	2020	N/A	TraumaCad, Total Hip Replacement, Hip, Preoperative Planning, Osteoarthritis	Go to article
Orthopedic Digital Planning for Total Hip Arthroplasties	Nicolas Reina	2020	N/A	TraumaCad, Preoperative Planning, Hip, Radiosurgery	Go to article
Should we employ preoperative templating in hip hemiarthroplasty after femoral neck fracture? A nested case-control study	Oriol Pujol	2020	Sage Journal	TraumaCad, Preoperative Planning, Femoral Neck, Hip	Go to article



Title	Author	Year	Journal	Keywords	Link
Is the Gothic Arch a reliable radiographic landmark for migration percentage in children with cerebral palsy?	Caesar Wek	2020	Journal of Children's Orthopaedics	Pediatric, Hip	Go to article
Geometric planning in vertebral and pelvic complex surgery: sufficient number of evaluating parameters proving	Anna S. Kolesnikova	2019	SPIE	TraumaCad, Preoperative Planning, Spine, Pelvic	Go to article
Growth modulation in idiopathic angular knee deformities: is it predictable?	B Danino	2019	Bone& Joint publishing	Knee, Varus, Valgus, Deformity	Go to article
Improving the accuracy of digital templating: achieving success through stakeholder management	Hammad Parwaiz	2019	BMJ Open Qual	TraumaCad, Hip, Templating	Go to article
Preoperative Evaluation of Intramedullary Tibial Nail Measurements—A Review of the Literature and a New Technique Using Contralateral Radiographs and Digital Planning	Eran Keltz	2019	AAOS	TraumaCad, Trauma, Tibial Diaphysial, Condylar Fractures, Intramedullary Nailing	Go to article
Subcutaneous Radiographic Measurement: A Marker to Evaluate Surgical Site Infection Risk in Elderly Hip Fracture Patients	Martí Bernaus	2019	JBJI	TraumaCad, Hip, Condylar Fractures, Elderly Patients	Go to article
Templating Hip Arthroplasty	Amro Alnahhal	2019	Open Access Maced J Med Sci.	TraumaCad, Kingmark, Total Hip Replacement, Templating, Hip, Calibration	Go to article
A new technique for correction of leg length discrepancies in combination with complex axis deformities of the lower limb using a lengthening nail and a locking plate	C. N. Steiger	2018	J Child Orthop.	TraumaCad, Deformity, Leg Lengthening, Intramedullary Nailing	Go to article
Risk of patella baja after opening-wedge high tibial osteotomy	Tomohiko Murakami	2018	Sage Journal	TraumaCad, Osteotomy, Hto, Patella Baja, Lower Limb	Go to article
Robotic-arm assisted total knee arthroplasty has a learning curve of seven cases for integration into the surgical workflow but no learning curve effect for accuracy of implant positioning	Babar Kayani	2018	Knee Surg Sports Traumatol Arthrosc	Robotics, Total Knee Replacement, Tkr	Go to article
The 3-dot circle: A reliable method for safe and efficient digital templating of the acetabular component	Firas Arnaout	2018	J Orthop	TraumaCad, Kingmark, Total Hip Replacement, Hip, Calibration	Go to article



Title	Author	Year	Journal	Keywords	Link
Pre-Operative Planning of Total Hip Arthroplasty on Dysplastic Acetabuli	Dror Lakstein	2017	Sage Journal	Total Knee Replacement, Hip	Go to article
Radiographic templating of total hip arthroplasty for femoral neck fractures	Dror Lakstein	2017	International Orthopaedics	TraumaCad, Total Hip Replacement, Lld, Leg Length Discrepancy, Femoral Neck Fracture	Go to article
The orthopaedic management of lower limb deformity in hypophosphataemic rickets	A Horn	2017	J Child Orthop.	TraumaCad, Deformity, Lower Limb, Growth	Go to article
Updates on preoperative planning, limb deformity analysis and surgical correction for the growing children	Eitan Segev	2016	J Child Orthop.	TraumaCad, Deformity, Lower Limb, Limb Length	Go to article
Comparison of Hallux Valgus Deformity Evaluation on Printed Versus Digital X-Rays	Ehud Atoun	2015	Clinical Research on Foot & Ankle	TraumaCad, Valgus, ExacTrac X-Ray / Dynamic, Deformity	Go to article
A comparison of acetate and digital templating for hip resurfacing	Daniel N Bracey	2014	Am J Orthop (Belle Mead NJ)	TraumaCad, Hip, Templating	Go to article
Digital planning for foot and ankle deformity correction: Evans osteotomy	Noman A Siddiqui	2014	J Foot Ankle Surg	TraumaCad, Deformity, Osteotomy	Go to article
Radiographic Assessment of Lower Limb Lengthening in Achondroplastic Patients, Using the Ilizarov Frame: A 5-19 Year Follow up Study	Maria A Stefanou	2014	International Journal of Orthopaedics	TraumaCad, Lower Limb, Deformity, Ilizarov	Go to article
The accuracy of automatic calibration of digital pelvic radiographs using two different scale markers: a comparative study	Jonathan A Baxter	2012	Hip Int	TraumaCad, Kingmark, Calibration, Hip, Pelvic	Go to article
The accuracy of digital templating in primary total knee replacements	S. Prasad	2011	Orthopaedic Proceedings	TraumaCad, Tkr, Total Knee Replacement, Tibia, Femur	Go to article
Intra- and interobserver reliability analysis of digital radiographic measurements for pediatric orthopedic parameters using a novel PACS integrated computer software program	Eitan Segev	2010	J Child Orthop.	TraumaCad, Intracerebral hemorrhage, Pediatric	Go to article
Preoperative planning of total hip replacement using the TraumaCad™ system	Ely Liviu Steinberg	2010	Arch Orthop Trauma Surg	TraumaCad, Total Hip Replacement, Hip, Templating	Go to article



Title	Author	Year	Journal	Keywords	Link
Reproducibility and Accuracy of Templating Uncemented THA With Digital Radiographic and Digital TraumaCad Templating Software.	Panamoottil G Anil Kumar	2009	Orthopedics	TraumaCad, Total Hip Replacement, Hip, Templating	Go to article
Planificación Preoperatoria Digital en Traumatología	Esmitt Ramirez	2009	Central University of Venezuela	TraumaCad, Trauma	Go to article