

IBLab

- 1.318 Gala L, Clohisy JC. Beaulé PE. Hip Dysplasia in the Young Adult. *J Bone Joint Surg Am.* 2016;98:63-73.
- 1.319 Loder RT. Skopelja EN. The Epidemiology and Demographics of Hip Dysplasia. *ISRN Orthop.* 2011;2011:238607.
- 1.320 Cooperman D. What Is the Evidence to Support Acetabular Dysplasia as a Cause of Osteoarthritis? *J Pediatr Orthop.* 2013;33:S2-S7.
- 1.321 Nunley RM, Prather H. Hunt D, Schoenecker PL, Clohisy JC. Clinical Presentation of Symptomatic Acetabular Dysplasia in Skeletally Mature Patients. *J Bone Joint Surg American.*2011;93:17-21.
- 1.322 Kraeutler MJ, Safran MR. Scillia AJ. Ayeni OR. Garabekyan T. et al. A Contemporary Look at the Evaluation and Treatment of Adult Borderline and Frank Hip Dysplasia. *Am J Sports Med.* 2020;48:2314-2323.
- 1.323 Buly RL. Sosa BR. Poultsides LA. Caldwell E, Rozbruch SR. Femoral Derotation Osteotomy in Adults for Version Abnormalities. *J Am Acad Orthop Surg.* 2018;26:e416-e425.
- 1.324 Armand M, Lepisto J. Talhoth K. Elias J, Chao E. Outcome of Periacetabular Osteotomy: Joint Contact Pressure Calculation Using Standing AP Radiographs, 12 Patients Followed for Average 2 Years. *Acta Orthop.* 2005;76:303-13.
- 1.325 Kamath AF. Bernese Periacetabular Osteotomy for Hip Dysplasia: Surgical Technique and Indications. *World J Orthop.* 2016;7:280-6.
- 1.326 Leannonth ID. Young C, Rorabeck C. The Operation of the Century: Total Hip Replacement. *Lancet.* 2007;370:1508-1519.
- 1.327 Kelley SP. Feeney MM. Maddock CL, Mumaghan ML, Bradley CS. Expert-Based Consensus on the Principles of Pavlik Harness Management of Developmental Dysplasia of the Hip. *JB JS Open Access.* 2019;4:e0054.
- 1.328 Clohisy JC, Carlisle JC. Beaulé PE, Kim YJ, Trousdale RT, et al. A Systematic Approach to the Plain Radiographic Evaluation of the Young Adult Hip. *J Bone Joint Surg American.*2008;90:47-66.
- 1.329 Matheney T. Zaltz I. Kim YJ. Schoenecker P. Millis M. et al. Activity Level and Severity of Dysplasia Predict Age at Bernese Periacetabular Osteotomy for Symptomatic Hip Dysplasia. *J Bone Joint Surg Am.* 2016;98:665-671.
- 1.330 Okpara S, Nakonezny P, Wells J. Do Psychological Factors or Radiographic Severity Play a Role in the Age of Onset in Symptomatic Developmental Dysplasia of Hip and Femoroacetabular Impingement Syndrome? *BMC Musculoskelet Disord.* 2019;20:412.

- 1.331 Martin RL. Kivlan BR. Christo foretti JJ, Wolff AB, Nho SJ, et al. Minimal Clinically Important Difference and Substantial Clinical Benefit Values for a Pain Visual Analog Scale After Hip Arthroscopy. *Arthroscopy*. 2019;35:2064-2069.
- 1.332 Griffin DR. Parsons N. Mohtadi NG, Safran MR. A Short Version of the International Hip Outcome Tool (iHOT-12) For Use in Routine Clinical Practice. *Arthrosc J Arthrosc Relat Surg Off Publ Arthrosc Assoc North Am hit Arthrosc Assoc*. 2012;28:611-616.
- 1.333 Wiberg G. Studies on Dysplastic Acetabula and Congenital Subluxation of the Hip Joint With Special Reference to the Complication of Osteoarthritis. Stockholm. Norstedt: Exp. 1939.
- 1.334 Rolfson O, Eresian Chenok K, Bolun E. Lübbecke A. Denissen G. et al. Patient-Reported Outcome Measures in Arthroplasty Registries. *Acta Orthop*. 2016;87:3-8.
- 1.335 Nilsson A. Bremander A. Measures of Hip Function and Symptoms: Harris Hip Score (HHS), Hip Disability and Osteoarthritis Outcome Score (HOOS), Oxford Hip Score (OHS), Lequesne Index of Severity for Osteoarthritis of the Hip (LISOH), and American Academy of Orthopedic Surgeons (AAOS) Hip and Knee Questionnaire. *Arthritis Care Res*. 2011;63:S200- S207.
- 1.336 Stotter C, Hummer A. Difranco M. Nehrer S. Fully Automated Radiographic Measurements of the Pelvis, in: ICRS, editor. *Society ICRJP*. Berlin, Germany: ICRS. 2022.
- 1.337 Litjens G. Kooi T. Bejnordi BE. Setio AAA. Ciompi F. et al. A Survey on Deep Learning in Medical Image Analysis. *Med Image Anal*. 2017;42:60-88.
- 1.338 Kamuta JM. Haeberle HS, Luu BC. Roth AL. Molloy RM. et al. Artificial Intelligence to Identify Arthroplasty Implants From Radiographs of the Hip. *J Arthroplasty*. 2021;36:S290- S294.e1.
- 1.339 Rouzrokli P. Ramazanian T. Wyles CC, Philbrick KA. Cai JC, et al. Deep Learning Artificial Intelligence Model for Assessment of Hip Dislocation Risk Following Primary Total Hip Arthroplasty From Postoperative Radiographs. *J Arthroplasty*. 2021;36:2197-2203.e3.
- 1.340 Yu JS, Yu SM. Erdal BS. Demirer M. Gupta V. et al. Detection and Localisation of Hip Fractures on Anteroposterior Radiographs With Artificial Intelligence: Proof of Concept. *Clin Radiol*. 2020;75:237.e1-237.e9.
- 1.341 Park HS, Jeon K. Cho YJ. Kim SW. Lee SB. et al. Diagnostic Performance of a New Convolutional Neural Network Algorithm for Detecting Developmental Dysplasia of the Hip on Anteroposterior Radiographs. *Korean J Radiol*. 2021;22:612-623.
- 1.342 Zhang SC, Sim J. Liu CB. Fang JH. Xie HT. et al. Clinical Application of Artificial Intelligence-Assisted Diagnosis Using Anteroposterior

- Pelvic Radiographs in Children With Developmental Dysplasia of the Hip. *Bone Joint J.* 2020;102-B:1574-1581.
- 1.343 Canfield M, Savoy L, Cote MP, Halawi MJ. Patient-Reported Outcome Measures in Total Joint Arthroplasty: Defining the Optimal Collection Window. *Arthroplast Today.* 2020;6:62-67.
- 1.344 Martin RL, Kivlan BR, Christoforetti JJ, Wolff AB, Nho SJ, et al. Minimal Clinically Important Difference and Substantial Clinical Benefit Values for the 12-Item International Hip Outcome Tool. *Arthroscopy.* 2019;35:411-416.
- 1.345 Chahal J, Thiel GSV, Mather RC, Lee S, Salata MJ, Nho SJ. The Minimal Clinical Important Difference (MCID) And Patient Acceptable Symptomatic State (PASS) For the Modified Harris Hip Score and Hip Outcome Score Among Patients Undergoing Surgical Treatment for Femoroacetabular Impingement. *Orthop J Sports Med.* 2014;2:2325967114500105.
- 1.346 Paulsen A, Roos EM, Pedersen AB, Overgaard S. Minimal Clinically Important Improvement (MCII) And Patient-Acceptable Symptom State (PASS) In Total Hip Arthroplasty (THA) Patients 1 Year Postoperatively. *Acta Orthop.* 2014;85:39-48.
- 1.347 Kraeutler MJ, Garabekyan T, Pascual-Garrido C, Mei-Dan O. Hip bistability: A Review⁷ of Hip Dysplasia and Other Contributing Factors. *Muscles Ligaments Tendons J.* 2016;6:343-353.
- 1.348 Franken M, Grimm B, Heyligers I (2010) A comparison of four systems for calibration when templating for total hip replacement with digital radiography. *J Bone Joint Surg Br* 92:136-141
- 1.349 Hankemeier S, Gosling T, Richter M, Hufner T, Hochhausen C, Krettek C (2006) Computer-assisted analysis of lower limb geometry: higher intraobserver reliability compared to conventional method. *Comput Aided Surg* 11:81-86
- 1.350 Hinterwimmer F, Lazic I, Suren C, Hirschmann MT, Pohlig F, Rueckert D et al (2022) Machine learning in knee arthroplasty: specific data are key—a systematic review. *Knee Surg Sports Traumatol Arthrosc* 30:376-388
- 1.351 Hirschmann A, Cyriac J, Stieltjes B, Kober T, Richiardi J, Omoumi P (2019) Artificial Intelligence in musculoskeletal imaging: review of current literature, challenges, and trends. *Semin Musculoskelet Radiol* 23:304-311
- 1.352 Howell SM, Shelton TJ, Hull ML (2018) Implant survival and function ten years after kinematically aligned total knee arthroplasty. *J Arthroplasty* 33:3678-3684
- 1.353 Huang NF, Dowsey MM, Ee E, Stoney JD, Babazadeh S, Choong PF (2012) Coronal alignment correlates with outcome after total knee arthroplasty: five-year follow-up of a randomized controlled trial. *J Arthroplasty* 27:1737-1741

- 1.354 Kiener M (2021) Artificial intelligence in medicine and the disclosure of risks. *AI Soc* 36:705-713
- 1.355 Kim TW, Park SH, Suh JT (2012) Comparison of mobile-bearing and fixed-bearing designs in high flexion total knee arthroplasty: using a navigation system. *Knee Surg Relat Res* 24:25-33
- 1.356 Klemm C, Tirumala V, Barghi A, Cohen-Levy WB, Robinson MG, Kwon YM (2022) Artificial intelligence algorithms accurately predict prolonged length of stay following revision total knee arthroplasty. *Knee Surg Sports Traumatol Arthrosc*. <https://doi.org/10.1007/S00167-022-06894-8>
- 1.357 Knutson GA (2005) Anatomic and functional leg-length inequality: a review and recommendation for clinical decision-making. Part 1, anatomic leg-length inequality: prevalence, magnitude, effects and clinical significance. *Chiropr Osteopat* 13:11
- 1.358 Koo TK, Li MY (2016) A guideline of selecting and reporting intraclass correlation coefficients for reliability research. *J Chiropr Med* 15:155-163
- 1.359 Kumar N, Yadav C, Raj R, Anand S (2014) How to interpret postoperative X-rays after total knee arthroplasty. *Orthop Surg* 6:179-186
- 1.360 Longstaff LM, Sloan K, Stamp N, Scaddan M, Beaver R (2009) Good alignment after total knee arthroplasty leads to faster rehabilitation and better function. *J Arthroplasty* 24:570-578
- 1.361 McDaniel G, Mitchell KL, Charles C, Kraus VB (2010) A comparison of five approaches to measurement of anatomic knee alignment from radiographs. *Osteoarthritis Cartilage* 18:273-277
- 1.362 Obuchowski NA, Subhas N, Schoenhagen P (2014) Testing for interchangeability of imaging tests. *Acad Radiol* 21:1483-1489
- 1.363 Schock J, Truhn D, Abrar DB, Merhof D, Conrad S, Post M et al (2021) Automated analysis of alignment in long-leg radiographs by using a fully automated support system based on artificial intelligence. *Radiol Artif Intell* 3:e200198
- 1.364 Simon S, Schwarz GM, Aichmair A, Frank BJH, Hummer A, DiFranco MD et al (2022) Fully automated deep learning for knee alignment assessment in lower extremity radiographs: a cross-sectional diagnostic study. *Skeletal Radiol* 51:1249-1259
- 1.365 Sled EA, Sheehy LM, Felson DT, Costigan PA, Lam M, Cooke TD (2011) Reliability of lower limb alignment measures using an established landmark-based method with a customized computer software program. *Rheumatol Int* 31:71-77
- 1.366 Tiulpin A, Thevenot J, Rahtu E, Lehenkari P, Saarakkala S (2018) Automatic knee osteoarthritis diagnosis from plain radiographs: a deep learning-based approach. *Sci Rep* 8:1727
- 1.367 Vaishya R, Vijay V, Birla VP, Agarwal AK (2016) Inter-observer variability and its correlation to experience in measurement of

- lower limb mechanical axis on long leg radiographs. *J Clin Orthop Trauma* 7:260-264
- 1.368 Zheng Q, Shellikeri S, Huang H, Hwang M, Sze RW (2020) Deep learning measurement of leg length discrepancy in children based on radiographs. *Radiology* 296:152-158
- 1.369 Skytta ET, Lohman M, Tallroth K, Remes V. Comparison of standard anteroposterior knee and hip-to-ankle radiographs in determining the lower limb and implant alignment after total knee arthroplasty. *Scand J Surg.* 2009 [cited 2021 Jun 8];98:250-3. Available from: <http://journals.sagepub.com/doi/10.1177/145749690909800411>
- 1.370 Zheng Q, Shellikeri S, Huang H, Hwang M, Sze RW. Deep learning measurement of leg length discrepancy in children based on radiographs. *Radiology.* 2020 [cited 2021 Jun 8];296:152-8. Available from: <http://pubs.rsna.org/doi/10.1148/radiol.2020192003>
- 1.371 Hankemeier S, Gosling T, Richter M, Hufner T, Hochhausen C, Krettek C. Computer-assisted analysis of lower limb geometry: higher intraobserver reliability compared to conventional method. *Comput Aided Surg.* 2006 [cited 2021 Jun 8];11:81-6. Available from: <http://www.tandfonline.com/doi/full/10.3109/10929080600628985>
- 1.372 Schmidt G, Altman G, Dougherty J, DeMeo P. Reproducibility and reliability of the anatomic axis of the lower extremity. *J Knee Surg.* 2010 [cited 2020 Sep 8];17:140-3. Available from: <http://www.thieme-connect.de/DOI/DOI?10.1055/S-0030-1248212>
- 1.373 McDaniel G, Mitchell KL, Charles C, Kraus VB. A comparison of five approaches to measurement of anatomic knee alignment from radiographs. *Osteoarthr Cartil.* NIH Public Access; 2010 [cited 2020 Sep 8]; 18:273-7. Available from: <http://pmc/articles/PMC2818371/?report=abstract>
- 1.374 Boese CK, Wilhelm S, Haneder S, Lechler P, Eysel P, Bredow J. Influence of calibration on digital templating of hip arthroplasty. *Int Orthop.* 2019 [cited 2021 Jun 8];43:1799-805. Available from: <http://link.springer.com/10.1007/s00264-018-4120-7>
- 1.375 Franken M, Grimm B, Heyligers I. A comparison of four systems for calibration when templating for total hip replacement with digital radiography. *J Bone Joint Surg Br.* 2010 [cited 2021 Jun 8];92-B:136-41. Available from: <http://online.boneandjoint.org.uk/doi/10.1302/0301-620X.92B1.22257>
- 1.376 Vaishya R, Vijay V, Birla VP, Agarwal AK. Inter-observer variability and its correlation to experience in measurement of lower limb mechanical axis on long leg radiographs. *J Clin Orthop Trauma.* 2016 [cited 2021 Jun 8];7:260-4. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0976566216300613>
- 1.377 Duron L, Ducarouge A, Gillibert A, Lainé J, Allouche C, Cherel N, et al. Assessment of an AI aid in detection of adult appendicular

- skeletal fractures by emergency physicians and radiologists: a multicenter cross-sectional diagnostic study. *Radiology*. 2021 [cited 2021 Aug 2];203886. Available from: <http://pubs.rsna.org/doi/10.1148/radiol.2021203886>
- 1.378 Bini SA. Artificial intelligence, machine learning, deep learning, and cognitive computing: what do these terms mean and how will they impact health care? *J Arthroplasty*. 2018 [cited 2021 Aug 2];33:2358—61. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0883540318302158>
- 1.379 Rouzrokh P, Ramazanian T, Wyles CC, Philbrick KA, Cai JC, Taunton MJ. et al. Deep learning artificial intelligence model for assessment of hip dislocation risk following primary total hip arthroplasty from postoperative radiographs. *J Arthroplasty*. 2021 [cited 2021 Aug 2];36:2197-2203.e3. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0883540321001674>
- 1.380 Ramkumar PN, Karnuta JM, Navarro SM, Haeberle HS, Scuderi GR, Mont MA, et al. Deep learning preoperatively predicts value metrics for primary total knee arthroplasty: development and validation of an artificial neural network model. *J Arthroplasty*. 2019 [cited 2021 Aug 2];34:2220-2227.e1. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0883540319305170>
- 1.381 Krogue JD, Cheng K V., Hwang KM, Toogood P, Meinberg EG, Geiger EJ, et al. Automatic hip fracture identification and functional subclassification with deep learning. *Radiol Artif Intell*. 2020 [cited 2021 Aug 2];2:e 190023. Available from: <http://pubs.rsna.org/doi/10.1148/ryai.2020190023>
- 1.382 American college of Radiology. *Image Interpretive*. 2021 [cited 2021 Aug 2]. Available from: <https://www.acrdsi.org/DSI-Services/Define-AI#int>
- 1.383 Schock J, Truhn D, Abrar DB, Merhof D, Conrad S, Post M, et al. Automated analysis of alignment in long-leg radiographs using a fully automated support system based on artificial intelligence. *Radiol Artif Intell*. 2020 [cited 2021 Jun 8];e200198. Available from: <http://pubs.rsna.org/doi/10.1148/ryai.2020200198>
- 1.384 Nehrer S, Ljuhar R, Steindl P, Simon R, Maurer D, Ljuhar D, et al. Automated knee osteoarthritis assessment increases physicians' agreement rate and accuracy: data from the osteoarthritis initiative. *Cartilage*. 2019 [cited 2021 Jun 10]; 194760351988879. Available from: <http://journals.sagepub.com/doi/10.1177/1947603519888793>
- 1.385 Paley D. *Principles of deformity correction. Prine Deform Correct*. Berlin, Heidelberg: Springer Berlin Heidelberg; 2002 [cited 2021 Jun 10]. p. 19-30. Available from: <http://link.springer.com/10.1007/978-3-642-59373-4>

- 1.386 Waldt, Simone, Matthias Eiber and KW. Messverfahren und Klassifikationen in der muskuloskelettalen Radiologie. 2nd ed. Verlag GT, editor. Stuttgart; 2017.
- 1.387 Knutson GA. Anatomic and functional leg-length inequality: a review and recommendation for clinical decision-making. Part I, anatomic leg-length inequality: prevalence, magnitude, effects and clinical significance. *Chiropr Osteopat*. 2005 [cited 2021 Jun 10];13:1 1. Available from: <https://chiromt.biomedcentral.com/articles/10.1186/1746-1340-13-11>
- 1.388 Koo TK, Li MY. A guideline of selecting and reporting intraclass correlation coefficients for reliability research. *J Chiropr Med*. 2016 [cited 2021 Jun 10];15:155-63. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S1556370716000158>
- 1.389 Obuchowski NA, Subhas N, Schoenhagen P. Testing for interchangeability of imaging tests. *Acad Radiol*. 2014 [cited 2021 Jun 10];21:1483-9. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S1076633214002499>
- 1.390 Schmale GA, Bayomy AF, O'Brien AO, Bompadre V. The reliability of full-length lower limb radiographic alignment measurements in skeletally immature youth. *J Child Orthop*. 2019 [cited 2021 Jun 11]; 13:67-72. Available from: <https://online.boneandjoint.org.uk/doi/10.1302/1863-2548.13.180087>
- 1.391 J. M. Me liado J, Quintana, N. Yanguas, J. Salceda Artola, I. Sanmartin RMCC. Normal anatomy and variations of the proximal femur: a reappraisal with 64-slice MDCT. *Eur Congr Radiol*. 2014 [cited 2021 Jun 11]; Available from: <https://doi.org/10.1594/ecr2014/C-1825>
- 1.392 Kiener M. Artificial intelligence in medicine and the disclosure of risks. *AI Soc*. 2020 [cited 2021 Jun 11]; Available from: <http://link.springer.com/10.1007/s00146-020-01085-w>
- 1.393 Holme TJ, Henckel J, Hartshorn K, Cobb JP, Hart AJ. Computed tomography scanogram compared to long leg radiograph for determining axial knee alignment. *Acta Orthop*. 2015 [cited 2021 Jun 11];86:440-3. Available from: <http://www.tandfonline.com/doi/full/10.3109/17453674.2014.1003488>
- 1.394 Babazadeh S, Dowsey MM, Bingham RJ, Ek ET, Stoney JD, Choong PFM. The long leg radiograph is a reliable method of assessing alignment when compared to computer-assisted navigation and computer tomography. *Knee*. 2013 [cited 2021 Jun 11];20:242-9. Available from: <http://www.ncbi.nlm.nih.gov/pub-med/22892197>
- 1.395 Sled EA, Sheehy LM, Felson DT, Costigan PA, Lam M, Cooke TD V. Reliability of lower limb alignment measures using an established landmark-based method with a customized computer software

- program. *Rheumatol Int.* 2011 [cited 2021 Jun 11];31:71—7. Available from: <http://link.springer.com/10.1007/S00296-009-1236-5>
- 1.396 Bowman A, Shunmugam M, Watts AR, Bramwell DC, Wilson C, Krishnan J. Inter-observer and intra-observer reliability of mechanical axis alignment before and after total knee arthroplasty using long leg radiographs. *Knee.* Elsevier B.V.; 2016;23:203-8.
 - 1.397 Rauh MA, Boyle J, Phillips MJ, Mihalko WM, Krackow KA, Bayers-Thering M. Reliability of measuring long-standing lower extremity radiographs. *Orthopedics.* 2007 [cited 2021 Jun 11];30:299-303. Available from: <https://www.healio.com/orthopedics/knee/journals/ortho/2007-4-30-4/%7B5932395d-5d73-42d2-a5a3-5dd3c9f90e6d%7D/reliability-of-measuring-long-standing-lower-extremity-radiographs>
 - 1.398 Feigin V (2016) Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet* 388:1545-1602
 - 1.399 Cui A, Li H, Wang D, Zhong J, Chen Y, Lu H (2020) Global, regional prevalence, incidence and risk factors of knee osteoarthritis in population-based studies. *EClinicalMedicine* 29-30:100587
 - 1.400 Litwic A, Edwards MH, Dennison EM, Cooper C (2013) Epidemiology and burden of osteoarthritis. *Br Med Bull* 105:185-199
 - 1.401 Kellgren JH, Lawrence JS (1957) Radiological assessment of osteoarthritis. *Ann Rheum Dis* 16:494-502
 - 1.402 Spector TD, Cooper C (1993) Radiographic assessment of osteoarthritis in population studies: whither Kellgren and Lawrence? *Osteoarthr Cartil* 1:203-206
 - 1.403 Schiphof D, de Klerk BM, Kerkhof HJ, Hofman A, Koes BW, Boers M et al (2011) Impact of different descriptions of the Kellgren and Lawrence classification criteria on the diagnosis of knee osteoarthritis. *Ann Rheum Dis* 70:1422-1427
 - 1.404 Altman RD, Gold GE (2007) Atlas of individual radiographic features in osteoarthritis, revised. *Osteoarthr Cartil* 15(Suppl A):A1-A56
 - 1.405 Tiipin A, Thevenot J, Rahtu E, Lehenkari P, Saarakkala S (2018) Automatic knee osteoarthritis diagnosis from plain radiographs: a deep learning-based approach. *Sci Rep* 8:1727
 - 1.406 Culvenor AG, Engen CN, Oiestad BE, Engebretsen L, Risberg MA (2015) Defining the presence of radiographic knee osteoarthritis: a comparison between the Kellgren and Lawrence system and OARSI atlas criteria. *Knee Surg Sports Traumatol Arthrosc* 23:3532-3539
 - 1.407 Gossec L, Jordan JM, Mazuca SA, Lam MA, Suarez-Almazor ME, Renner JB et al (2008) Comparative evaluation of three semi-quantitative radiographic grading techniques for knee osteoarthritis. *Arthritis Rheum* 50:1025-1033

- thrititis in terms of validity and reproducibility in 1759 X-rays: report of the OARSI-OMERACT task force. *Osteoarthr Cartil* 16:742-748
- 1.408 Sheehy L, Culham E, McLean L, Niu J, Lynch J, Segal NA et al (2015) Validity and sensitivity to change of three scales for the radiographic assessment of knee osteoarthritis using images from the Multicenter Osteoarthritis Study (MOST). *Osteoarthr Cartil* 23:1491-1498
- 1.409 Damen J, Schiphof D, Wolde ST, Cats HA, Bierma-Zeinstra SM, Oei EH (2014) Inter-observer reliability for radiographic assessment of early osteoarthritis features: the CHECK (cohort hip and cohort knee) study. *Osteoarthr Cartil* 22:969-974
- 1.410 Kinds MB, Welsing PM, Vignon EP, Bijlsma JW, Viergever MA, Marijnissen AC et al (2011) A systematic review of the association between radiographic and clinical osteoarthritis of hip and knee. *Osteoarthr Cartil* 19:768-778
- 1.411 Schiphof D, Boers M, Bierma-Zeinstra SM (2008) Differences in descriptions of Kellgren and Lawrence grades of knee osteoarthritis. *Ann Rheum Dis* 67:1034-1036
- 1.412 Chung SW, Han SS, Lee JW, Oh KS, Kim NR, Yoon JP et al (2018) Automated detection and classification of the proximal humerus fracture by using deep learning algorithm. *Acta Orthop* 89:468-473
- 1.413 Olczak J, Fahlberg N, Maki A, Razavian AS, Jilert A, Stark A et al (2017) Artificial intelligence for analyzing orthopedic trauma radiographs. *Acta Orthop* 88:581-586
- 1.414 Simon S, Schwarz GM, Aichmair A, Frank BJH, Hummer A, DiFranco MD et al (2021) Fully automated deep learning for knee alignment assessment in lower extremity radiographs: a cross-sectional diagnostic study. *Skeletal Radiol*, <https://doi.org/10.1007/S00256-021-03948-9>
- 1.415 van Leeuwen KG, Schalekamp S, Rutten M, van Ginneken B, de Rooij M (2021) Artificial intelligence in radiology: 100 commercially available products and their scientific evidence. *Eur Radiol* 31:3797-3804
- 1.416 Nehrer S, Ljuhar R, Steindl P, Simon R, Maurer D, Ljuhar D et al (2021) Automated knee osteoarthritis assessment increases physicians' agreement rate and accuracy: data from the osteoarthritis initiative. *Cartilage* 13:957s-965s The Osteoarthritis Initiative. <https://nda.nih.gov/oai/>. Accessed 23.04.2019.
- 1.417 Brejnebol MW, Hansen P, Nybing JU, Bachmann R, Ratjen U, Hansen IV et al (2022) External validation of an artificial intelligence tool for radiographic knee osteoarthritis severity classification. *Eur J Radiol* 150:110249
- 1.418 Mutasa S, Sun S, Ha R (2020) Understanding artificial intelligence based radiology studies: what is overfitting? *Clin Imaging* 65:96-99

- 1.419 Kothari M, Guermazi A, von Ingersleben G, Miaux Y, Sieffert M, Block JE et al (2004) Fixed-flexion radiography of the knee provides reproducible joint space width measurements in osteo- arthritis. *Eur Radiol* 14:1568-1573
- 1.420 Niinimäki T, Ojala R, Niinimäki J, Leppilähti J (2010) The stand- ing fixed flexion view detects narrowing of the joint space better than the standing extended view in patients with moderate osteo- arthritis of the knee. *Acta Orthop* 81:344-346
- 1.421 Peterfy C, Li J, Zaim S, Duryea J, Lynch J, Miaux Y et al (2003) Comparison of fixed-flexion positioning with fluoroscopic semi- flexed positioning for quantifying radiographic joint-space width in the knee: test-retest reproducibility. *Skeletal Radiol* 32:128-132
- 1.422 Labelbox. <https://labelbox.com/>. Accessed 7.5.2019. 2019. 27. Shrout PE, Fleiss JL (1979) Intraclass correlations: uses in assess- ing rater reliability. *Psychol Bull* 86:420-428
- 1.423 Cicchetti DV (1994) Guidelines, criteria, and rules of thumb for evaluating normed and standardized assessment instruments in psychology, vol 6. American Psychological Association, US. pp 284- 290
- 1.424 Guermazi A, Hunter DJ, Li L, Benichou O, Eckstein F, Kwok CK et al (2012) Different thresholds for detecting osteophytes and joint space narrowing exist between the site investigators and the centralized reader in a multicenter knee osteoarthritis study-data from the Osteoarthritis Initiative. *Skeletal Radiol* 41:179-186
- 1.425 Felson DT, Niu J, Guermazi A, Sack B, Aliabadi P (2011) Defin- ing radiographic incidence and progression of knee osteoarthritis: suggested modifications of the Kellgren and Lawrence scale. *Ann Rheum Dis* 70:1884-1886
- 1.426 Madry H, Kon E, Condello V, Peretti GM, Steinwachs M, Seil R et al (2016) Early osteoarthritis of the knee. *Knee Surg Sports Traumatol Arthrosc* 24:1753-1762
- 1.427 Günther KP, Sun Y (1999) Reliability of radiographic assessment in hip and knee osteoarthritis. *OsteoarthrCartil* 7:239-246
- 1.428 Peterlein CD, Schuttler KF, Lakemeier S, Timmesfeld N, Gorg C, Fuchs-Winkelmann S et al (2010) Reproducibility of different screening classifications in ultrasonography of the newborn hip. *BMC Pediatr* 10:98
- 1.429 Tversky A, Kahneman D (1974) Judgment under uncertainty: heuristics and biases. *Science* 185:1124—1131
- 1.430 Sherif M, Taub D, Hovland CI (1958) Assimilation and con- trast effects of anchoring stimuli on judgments. *J Exp Psychol* 55:150-155