

2020 PUBLICATIONS DIRECTORY

Applied Division

[A Comparison of Transphyseal Neck-Head Tunneling and Multiple Epiphyseal Drilling on Femoral Head Healing Following Ischemic Osteonecrosis: An Experimental Investigation in Immature Pigs.](#)

Aruwajoye OO, Monte F, Kim A, Kim HKW.

J Pediatr Orthop. 2020 Apr;40(4):168-175. doi: 10.1097/BPO.0000000000001219.

PMID: 32132446

[Can We Estimate the Amount of Malrotation in Supracondylar Humerus Fractures After CRPP?](#)

Prabhakar P, Pierce WA, Standefer KD, Ho CA.

J Orthop Trauma. 2020 Jul;34(7):e245-e249. doi: 10.1097/BOT.0000000000001735.

PMID: 32555040

[Development of a novel minimally invasive technique to washout necrotic bone marrow content from epiphyseal bone: A preliminary cadaveric bone study.](#)

Alves do Monte F, Sung Park M, Gokani V, Singhal M, Ma C, Aruwajoye OO, Niese B, Liu X, Kim HKW.

Orthop Traumatol Surg Res. 2020 Jun;106(4):709-715. doi: 10.1016/j.otsr.2020.01.006. Epub 2020 Mar 4.

PMID: 32146150

[Reverse Dynamization Accelerates Bone-Healing in a Large-Animal Osteotomy Model.](#)

Glatt V, Samchukov M, Cherkashin A, Iobst C.

J Bone Joint Surg Am. 2020 Dec 15. doi: 10.2106/JBJS.20.00380. Online ahead of print

PMID: 33315696

[The point of epiphyseal penetration affects rotational stability of screw fixation in slipped capital femoral epiphysis: A biomechanical study.](#)

Morris WZ, Riccio AI, Podeszwa DA, Pierce WA, Standefer KD, Kiapour A, Liu RW, Novaes EN.

J Orthop Res. 2020 Dec;38(12):2634-2639. doi: 10.1002/jor.24747. Epub 2020 May 22.

PMID: 32427362

Basic Research Division

[A molecular basis for neurofibroma-associated skeletal manifestations in NF1.](#)

Ma Y, Gross AM, Dombi E, Pemov A, Choi K, Chaney K, Rhodes SD, Angus SP, Sciaky N, Clapp DW, Ratner N, Widemann BC, Rios JJ, Eleftheriou F.

Genet Med. 2020 Nov;22(11):1786-1793. doi: 10.1038/s41436-020-0885-3. Epub 2020 Jun 30.

PMID: 32601387

[Anti-Interleukin-6 Therapy Decreases Hip Synovitis and Bone Resorption and Increases Bone Formation Following Ischemic Osteonecrosis of the Femoral Head.](#)

Ren Y, Deng Z, Gokani V, Kutschke M, Mitchell TW, Aruwajoye O, Adapala NS, Kamiya N, Abu-Amer Y, Kim HK.

J Bone Miner Res. 2020 Oct 14. doi: 10.1002/jbmr.4191. Online ahead of print.

PMID: 33053220

[Chondrogenesis Defines Future Skeletal Patterns Via Cell Transdifferentiation from Chondrocytes to Bone Cells.](#)

Jing Y, Wang Z, Li H, Ma C, Feng J.

Curr Osteoporos Rep. 2020 Jun;18(3):199-209. doi: 10.1007/s11914-020-00586-3.

PMID: 32219639 Review.

[Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact.](#)

da Silveira WA, Fazelinia H, Rosenthal SB, Laiakis EC, Kim MS, Meydan C, Kidane Y, Rath KS, Smith SM, Stear B, Ying Y, Zhang Y, Foox J, Zanella S, Crucian B, Wang D, Nugent A, Costa HA, Zwart SR, Schrepfer S, Elworth RAL, Sapoval N, Treangen T, MacKay M, Gokhale NS, Horner SM, Singh LN, Wallace DC, Willey JS, Schisler JC, Meller R, McDonald JT, Fisch KM, Hardiman G, Taylor D, Mason CE, Costes SV, Beheshti A.

Cell. 2020 Nov 25;183(5):1185-1201.e20. doi: 10.1016/j.cell.2020.11.002.

PMID: 33242417

[Controversy of physiological vs. pharmacological effects of BMP signaling: Constitutive activation of BMP type IA receptor-dependent signaling in osteoblast lineage enhances bone formation and resorption, not affecting net bone mass.](#)

2020 PUBLICATIONS DIRECTORY

Kamiya N, Atsawasuwan P, Joiner DM, Waldorff EI, Goldstein S, Yamauchi M, Mishina Y.

Bone. 2020 Sep;138:115513. doi: 10.1016/j.bone.2020.115513. Epub 2020 Jun 27.

PMID: 32603910

[Expanding the phenotypic spectrum of RPL13-related skeletal dysplasia.](#)

Reinsch B, Grand K, Lachman RS, Kim HKW, Sanchez-Lara PA.

Am J Med Genet A. 2020 Nov 27. doi: 10.1002/ajmg.a.61965. Online ahead of print.

PMID: 33247527

[Genetic association and characterization of FSTL5 in isolated clubfoot.](#)

Khanshour AM, Kidane YH, Kozlitina J, Cornelia R, Rafipay A, De Mello V, Weston M, Paria N, Khalid A, Hecht JT, Dobbs MB, Richards BS, Vargesson N, Hamra FK, Wilson M, Wise C, Gurnett CA, Rios JJ.

Hum Mol Genet. 2021 Jan 21;29(22):3717-3728. doi: 10.1093/hmg/ddaa236.

PMID: 33105483

[Genomic characterization of the adolescent idiopathic scoliosis-associated transcriptome and regulome.](#)

Makki N, Zhao J, Liu Z, Eckalbar WL, Ushiki A, Khanshour AM, Wu J, Rios J, Gray RS, Wise CA, Ahituv N.

Hum Mol Genet. 2021 Jan 21;29(22):3606-3615. doi: 10.1093/hmg/ddaa242.

PMID: 33179741

[Novel homozygous variant in WISP3 in a family with unrecognized progressive pseudorheumatoid dysplasia.](#)

Patel C, Khanshour AM, Wilkes D, Rios JJ, Sheff KW, Nassi L, Wise CA.

Clin Case Rep. 2020 May 3;8(8):1452-1457. doi: 10.1002/ccr3.2884. eCollection 2020 Aug.

PMID: 32884773 Free PMC article.

[Team approach: Management of osteonecrosis in children with acute lymphoblastic leukemia.](#)

Jones LC, Kaste SC, Karol SE, DeFeo B, Kim HKW, Neel MD, Levin AS.

Pediatr Blood Cancer. 2020 Nov;67(11):e28509. doi: 10.1002/pbc.28509. Epub 2020 Aug 29.

PMID: 32860663

[The cartilage matrisome in adolescent idiopathic scoliosis.](#)

Wise CA, Sepich D, Ushiki A, Khanshour AM, Kidane YH, Makki N, Gurnett CA, Gray RS, Rios JJ, Ahituv N, Solnica-Krezel L.

Bone Res. 2020 Mar 9;8:13. doi: 10.1038/s41413-020-0089-0. eCollection 2020.

PMID: 32195011 Free PMC article. Review.

[The structure of importin \$\alpha\$ and the nuclear localization peptide of ChREBP, and small compound inhibitors of ChREBP-importin \$\alpha\$ interactions.](#)

Jung H, Takeshima T, Nakagawa T, MacMillan KS, Wynn RM, Wang H, Sakiyama H, Wei S, Li Y, Bruick RK, Posner BA, De Brabander JK, Uyeda K.

Biochem J. 2020 Sep 18;477(17):3253-3269. doi: 10.1042/BCJ20200520.

PMID: 32776146 Free PMC article.

[Chondrocyte Dedifferentiation: An Alternate Fate For Hypertrophic Chondrocytes](#)

Jason Long, Abigail Leinroth, Yihan Liao, Anthony Mirando, Yinshi Ren, Deepika Sharma, Colleen Wu, Courtney Karner, Kathryn Cheah, Matthew Hilton

JOURNAL OF BONE AND MINERAL RESEARCH, Publication date 2020/11/1

<https://scholar.google.com/scholar?cluster=13136024164834900863&hl=en&oi=scholar>

Dyslexia Clinical Research Division

[Characteristics of Students Identified With Dyslexia Within the Context of State Legislation.](#)

Odegard TN, Farris EA, Middleton AE, Oslund E, Rimrodt-Frierson S.

J Learn Disabil. 2020 Sep/Oct;53(5):366-379. doi: 10.1177/0022219420914551. Epub 2020 Apr 27.

PMID: 32338146

Foot & Lower Extremity Clinical Research Division

[Effect of Lateral Column Lengthening on Subtalar Motion in a Cadaveric Model](#)

Harris MC, Hedrick BN, Zide JR, Thomas DM, Shivers C, Seibert M, Pierce WA, Kanaan Y, Riccio AI.

Foot Ankle Int. 2020 Nov 17:1071100720970189. doi: 10.1177/1071100720970189. Online ahead of print.

PMID: 33203231

2020 PUBLICATIONS DIRECTORY

[Objective Measurement of Brace Wear in Successfully Ponseti-Treated Clubfeet: Pattern of Decreasing Use in the First 2 Years.](#)

Richards BS, Faulks S, Felton K, Karacz CM.

J Am Acad Orthop Surg. 2020 May 1;28(9):383-387. doi: 10.5435/JAAOS-D-19-00163.

PMID: 31436753

[Successful Ponseti-treated Clubfeet at Age 2 Years: What Is the Rate of Surgical Intervention After This?](#)

Siebert MJ, Karacz CM, Richards BS.

J Pediatr Orthop. 2020 Nov/Dec;40(10):597-603. doi: 10.1097/BPO.0000000000001614.

PMID: 32558742

[Is Proximal Fibula Epiphysiodesis Necessary When Performing a Proximal Tibial Epiphysiodesis?](#)

Boyle J, Makarov MR, Podeszwa DA, Rodgers JA, Jo CH, Birch JG.

J Pediatr Orthop. 2020 Nov/Dec;40(10):e984-e989. doi: 10.1097/BPO.0000000000001642.

PMID: 33045160

Hand & Upper Extremity Clinical Research Division

[Challenging the dogma: a straight wrist should be the goal in radial dysplasia.](#)

Ezaki M.

J Hand Surg Eur Vol. 2021 Jan;46(1):14-20. doi: 10.1177/1753193420961008. Epub 2020 Sep 29.

PMID: 32990151

[Effect of Distal Ulna Osteochondroma Excision and Distal Ulnar Tether Release on Forearm Deformity in Preadolescent Patients With Multiple Hereditary Exostosis.](#)

Belyea C, Pulos N, Ezaki M, Wall L, Mills J, Beckwith T, Oishi SN.

J Pediatr Orthop. 2020 Mar;40(3):e222-e226. doi: 10.1097/BPO.0000000000001427.

PMID: 31386642

[Long-term Outcomes Following Vickers Ligament Release and Growth Modulation for the Treatment of Madelung Deformity.](#)

Del Core M, Beckwith T, Phillips L, Ezaki M, Stutz C, Oishi SN.

J Pediatr Orthop. 2020 Apr;40(4):e306-e311. doi: 10.1097/BPO.0000000000001504.

PMID: 32032220

[Surgical Technique: Closed Reduction and Percutaneous Pinning of Posterolaterally-Displaced Supracondylar Humerus Fractures.](#)

Prusick VW, Gibian JT, Ross KE, Moore-Lotridge SN, Rees AB, Mencio GA, Stutz CM, Schoenecker JG.

J Orthop Trauma. 2020 Jun 17. doi: 10.1097/BOT.0000000000001854. Online ahead of print.

PMID: 32569073 No abstract available.

[The Oberg-Manske-Tonkin \(OMT\) Classification of Congenital Upper Extremities: Update for 2020.](#)

Goldfarb CA, Ezaki M, Wall LB, Lam WL, Oberg KC.

J Hand Surg Am. 2020 Jun;45(6):542-547. doi: 10.1016/j.jhsa.2020.01.002. Epub 2020 Feb 21.

PMID: 32093994 Review.

[Variation Among Surgeons Regarding the Use of Preoperative Antibiotics in Percutaneous Pinning Procedures of the Upper Extremity in the Pediatric Population.](#)

Case AL, Ty JM, Chu A, Ho CA, Bauer AS, Abzug JM.

Hand (N Y). 2020 Aug 6:1558944720944259. doi: 10.1177/1558944720944259. Online ahead of print.

PMID: 32757780

Hip Clinical Research Division

[A Comparison of Pavlik Harness Treatment Regimens for Dislocated But Reducible \(Ortolani+\) Hips in Infantile Developmental Dysplasia of the Hip.](#)

Hines AC, Neal DC, Beckwith T, Jo C, Kim HKW.

J Pediatr Orthop. 2019 Nov/Dec;39(10):505-509. doi: 10.1097/BPO.0000000000001052.

PMID:31599859

[Capital Femoral Epiphyseal Cupping and Extension May Be Protective in Slipped Capital Femoral Epiphysis: A Dual-center Matching Cohort Study.](#)

Morris WZ, Liu RW, Marshall DC, Maranhão DA, Novais EN.

2020 PUBLICATIONS DIRECTORY

J Pediatr Orthop. 2020 Aug;40(7):334-339. doi: 10.1097/BPO.0000000000001528.
PMID: 32040063

[Compensatory sagittal plane ankle gait mechanics: Are they present in patients with a weak or stiff hip?](#)

Stevens WR Jr, Podeszwa DA, Tulchin-Francis K.

Gait Posture. 2019 Oct;74:250-254. doi: 10.1016/j.gaitpost.2019.09.018. Epub 2019 Sep 20.
PMID:31590046

[Demographics and Clinical Presentation of Early-Stage Legg-Calvé-Perthes Disease: A Prospective, Multicenter, International Study.](#)

Laine JC, Novotny SA, Tis JE, Sankar WN, Martin BD, Kelly DM, Gilbert SR, Shah H, Joseph B, Kim HKW; International Perthes Study Group.

J Am Acad Orthop Surg. 2021 Jan 15;29(2):e85-e91. doi: 10.5435/JAAOS-D-19-00379.
PMID: 32868700

[Does Early Proximal Femoral Varus Osteotomy Shorten the Duration of Fragmentation in Perthes Disease? Lessons From a Prospective Multicenter Cohort.](#)

Sankar WN, Lavalva SM, Mcguire MF, Jo C, Laine JC, Kim HKW; International Perthes Study Group

J Pediatr Orthop. 2020 May/Jun;40(5):e322-e328. doi: 10.1097/BPO.0000000000001451.
PMID: 31524767

[Evolution of Legg-Calvé-Perthes disease following proximal femoral varus osteotomy performed in the avascular necrosis stage:a prospective study.](#)

Singh KA, Shah H, Joseph B, Aarvold A, Kim HKW.

J Child Orthop. 2020 Feb 1;14(1):58-67. doi: 10.1302/1863-2548.14.190153.
PMID: 32165982 Free PMC article. Review.

[Normative Values for Capital Femoral Epiphyseal Extension of the Developing Hip Based on Age, Sex, and Oxford Bone Age.](#)

Marshall DC, Morris WZ, Liu RW.

J Pediatr Orthop. 2020 May/Jun;40(5):e335-e340. doi: 10.1097/BPO.0000000000001476.
PMID: 31821249

[Rectus-sparing approach to the periacetabular osteotomy in adolescents preserves hip flexion strength.](#)

Podeszwa DA, Tulchin-Francis K, De La Rocha A, Collins D, Sucato DJ.

J Child Orthop. 2020 Jun 1;14(3):208-212. doi: 10.1302/1863-2548.14.190168.
PMID: 32582388 Free PMC article.

[Reliability of the modified lateral pillar classification for Legg Calvé Perthes disease performed by a large group of international paediatric orthopaedic surgeons.](#)

Laine JC, Novotny SA, Huhnstock S, Ries AJ, Tis JE, Sankar WN, Jo CH, Kim HKW; International Perthes Study Group.

J Child Orthop. 2020 Dec 1;14(6):529-536. doi: 10.1302/1863-2548.14.200055.
PMID: 33343748 Free PMC article.

[Reproducibility of Radiographic Measurements Made in the Active Stages of Legg-Calvé-Perthes Disease: Evaluation of a Prognostic Indicator and an Interim Outcome Measure.](#)

Tis JE, Laine JC, Sankar WN, Jo CH, Kim HKW; International Perthes Study Group.

J Pediatr Orthop. 2021 Feb 1;41(2):93-98. doi: 10.1097/BPO.0000000000001714.
PMID: 33229962

[Secondary Surgery and Residual Dysplasia Following Late Closed or Open Reduction of Developmental Dysplasia of the Hip.](#)

Morris WZ, Hinds S, Worrall H, Jo CH, Kim HKW.

J Bone Joint Surg Am. 2020 Dec 2. doi: 10.2106/JBJS.20.00562. Online ahead of print.
PMID: 33252590

[The 2019 Revised Version of Association Research Circulation Osseous Staging System of Osteonecrosis of the Femoral Head](#)

Yoon BH, Mont MA, Koo KH, Chen CH, Cheng EY, Cui Q, Drescher W, Gangji V, Goodman SB, Ha YC, Hernigou P, Hungerford MW, Iorio R, Jo WL, Jones LC, Khanduja V, Kim HKW, Kim SY, Kim TY, Lee HY, Lee MS, Lee YK, Lee YJ, Nakamura J, Parvizi J, Sakai T, Sugano N, Takao M, Yamamoto T, Zhao DW.

J Arthroplasty. 2020 Apr;35(4):933-940. doi: 10.1016/j.arth.2019.11.029. Epub 2019 Nov 27.
PMID: 31866252

2020 PUBLICATIONS DIRECTORY

[The Relationship of Coronal Trunk Motion on the Hip Abductor Moment Impulse in Pre-Operative Hip Pathology Patients during Walking](#)

Luginsland LA, Stevens WR Jr, Loewen AM, Tulchin-Francis K.

Clin Biomech (Bristol, Avon). 2020 Dec;80:105196. doi: 10.1016/j.clinbiomech.2020.105196. Epub 2020 Oct 14.

PMID: 33128962

[The Reverse Periacetabular Osteotomy: Indications and Surgical Technique](#)

William Z. MorrisMD, Young-JoKimMD, PhD, Michael B. MillisMD, Eduardo N. NovaisMD

Volume 30, Issue 1, March 2020, 100780

<https://doi.org/10.1016/j.oto.2020.100780>

[Weightbearing and Activity Restriction Treatments and Quality of Life in Patients with Perthes Disease.](#)

Do DH, McGuire MF, Jo CH, Kim HKW.

Clin Orthop Relat Res. 2020 Dec 29; Publish Ahead of Print. doi: 10.1097/CORR.0000000000001608. Online ahead of print.

PMID: 33394755

Movement Science Research Division

[A combined method for binning coupling angles to define coordination patterns.](#)

Beitter J, Kwon YH, Tulchin-Francis K.

J Biomech. 2020 Apr 16;103:109598. doi: 10.1016/j.jbiomech.2020.109598. Epub 2020 Jan 3.

PMID: 32169285

[Clinically derived biomechanical criteria for the Trendelenburg test.](#)

Stevens WR Jr, Jo CH, Tulchin-Francis K.

Clin Biomech (Bristol, Avon). 2020 Aug;78:105066. doi: 10.1016/j.clinbiomech.2020.105066. Epub 2020 Jun 1.

PMID: 32526604

[Plantar Pressures Following Surgical Release in Children With Clubfoot: Comparison of Posterior Release, Posteromedial Release, and Nonoperative Correction.](#)

Erdman AL, Jeans KA, Karol LA.

J Pediatr Orthop. 2020 Aug;40(7):e634-e640. doi: 10.1097/BPO.0000000000001509.

PMID: 32658394

[Validation of Accelerometry Data to Identify Movement Patterns During Agility Testing.](#)

Stevens WR Jr, Anderson AM, Tulchin-Francis K.

Front Sports Act Living. 2020 Nov 10;2:563809. doi: 10.3389/fspor.2020.563809.

PMID: 33345120

Neurology Clinical Research Division

[A repeat dose of pediatric constraint induced movement therapy](#)

Heather Roberts

American Academy for Cerebral Palsy and Developmental Medicine (AACPDMD)

[Constraint Induced Movement Therapy Camp for Children with Hemiplegic Cerebral Palsy Augmented by Use of an Exoskeleton to Play Games in Virtual Reality.](#)

Roberts H, Shierk A, Clegg NJ, Baldwin D, Smith L, Yeatts P, Delgado MR.

Phys Occup Ther Pediatr. 2020 Sep 7:1-16. doi: 10.1080/01942638.2020.1812790. Online ahead of print.

PMID: 32892679

[Correction: GATAD2B-associated neurodevelopmental disorder \(GAND\): clinical and molecular insights into a NuRD-related disorder.](#)

Shieh C, Jones N, Vanle B, Au M, Huang AY, Silva APG, Lee H, Douine ED, Otero MG, Choi A, Grand K, Taff IP, Delgado MR, Hajianpour MJ, Seeley A, Rohena L, Vernon H, Gripp KW, Vergano SA, Mahida S, Naidu S, Sousa AB, Wain KE, Challman TD, Beek G, Basel D, Ranells J, Smith R, Yusupov R, Freckmann ML, Ohden L, Davis-Keppen L, Chitayat D, Dowling JJ, Finkel R, Dauber A, Spillmann R, Pena LDM; Undiagnosed Diseases Network, Metcalfe K, Splitt M, Lachlan K, McKee SA, Hurst J, Fitzpatrick DR, Morton JEV, Cox H, Venkateswaran S, Young JI, Marsh ED, Nelson SF, Martinez JA, Graham JM Jr, Kini U, Mackay JP, Pierson TM.

Genet Med. 2020 Apr;22(4):822. doi: 10.1038/s41436-020-0760-2.

PMID: 32047287

2020 PUBLICATIONS DIRECTORY

[Corrigendum: 2-Pyrrolidinone and Succinimide as Clinical Screening Biomarkers for GABA-Transaminase Deficiency: Anti-seizure Medications Impact Accurate Diagnosis.](#)

Kennedy AD, Pappan KL, Donti T, Delgado MR, Shinawi M, Pearson TS, Lalani SR, Craigen WJ, Sutton VR, Evans AM, Sun Q, Emrick LT, Elsea SH.

Front Neurosci. 2020 Jan 29;13:1344. doi: 10.3389/fnins.2019.01344. eCollection 2019.

PMID: 32082103 Free PMC article.

[Defining the clinical, molecular and imaging spectrum of adaptor protein complex 4-associated hereditary spastic paraplegia.](#)

Ebrahimi-Fakhari D, Teinert J, Behne R, Wimmer M, D'Amore A, Eberhardt K, Brechmann B, Ziegler M, Jensen DM, Nagabhyrava P, Geisel G, Carmody E, Shamshad U, Dies KA, Yuskaitis CJ, Salussolia CL, Ebrahimi-Fakhari D, Pearson TS, Saffari A, Ziegler A, Kölker S, Volkmann J, Wiesener A, Bearden DR, Lakhani S, Segal D, Udwadia-Hegde A, Martinuzzi A, Hirst J, Perlman S, Takiyama Y, Xiomerisiou G, Vill K, Walker WO, Shukla A, Dubey Gupta R, Dahl N, Aksoy A, Verhelst H, Delgado MR, Kremlikova Pourova R, Sadek AA, Elkhateeb NM, Blumkin L, Brea-Fernández AJ, Dacruz-Álvarez D, Smol T, Ghomid J, Miguel D, Heine C, Schlump JU, Langen H, Baets J, Bulk S, Darvish H, Bakhtiari S, Kruer MC, Lim-Melia E, Aydinli N, Alanay Y, El-Rashidy O, Nampoothiri S, Patel C, Beetz C, Bauer P, Yoon G, Guillot M, Miller SP, Bourinaris T, Houlden H, Robelin L, Anheim M, Alamri AS, Mahmoud AAH, Inaloo S, Habibzadeh P, Faghihi MA, Jansen AC, Brock S, Roubertie A, Darras BT, Agrawal PB, Santorelli FM, Gleeson J, Zaki MS, Sheikh SI, Bennett JT, Sahin M.

Brain. 2020 Oct 1;143(10):2929-2944. doi: 10.1093/brain/awz307.

PMID: 32979048

[Duration of Symptom Relief Between Injections for AbobotulinumtoxinA \(Dysport®\) in Spastic Paresis and Cervical Dystonia: Comparison of Evidence From Clinical Studies.](#)

Esquenazi A, Delgado MR, Hauser RA, Picaut P, Foster K, Lysandropoulos A, Gracies JM.

Front Neurol. 2020 Sep 25;11:576117. doi: 10.3389/fneur.2020.576117. eCollection 2020.

PMID: 33101184 Free PMC article.

[Efficacy and safety of abobotulinumtoxinA for upper limb spasticity in children with cerebral palsy: a randomized repeat-treatment study.](#)

Delgado MR, Tilton A, Carranza-Del Río J, Dursun N, Bonikowski M, Aydin R, Maciag-Tymiecka I, Oleszek J, Dabrowski E, Grandoulier AS, Picaut P; Dysport in PUL study group.

Dev Med Child Neurol. 2020 Nov 18. doi: 10.1111/dmcn.14733. Online ahead of print.

PMID: 33206382

[Epilepsy and Electroencephalographic Abnormalities in SATB2-Associated Syndrome.](#)

Lewis H, Samanta D, Örsell JL, Bosanko KA, Rowell A, Jones M, Dale RC, Taravath S, Hahn CD, Krishnakumar D, Chagnon S, Keller S, Hagebeuk E, Pathak S, Bebin EM, Arndt DH, Alexander JJ, Mainali G, Coppola G, Maclean J, Sparagana S, McNamara N, Smith DM, Raggio V, Cruz M, Fernández-Jaén A, Kava MP, Emrick L, Fish JL, Vanderver A, Helman G, Pierson TM, Zarate YA.

Pediatr Neurol. 2020 Nov;112:94-100. doi: 10.1016/j.pediatrneurol.2020.04.006. Epub 2020 Apr 13.

PMID: 32446642

[GATAD2B-associated neurodevelopmental disorder \(GAND\): clinical and molecular insights into a NuRD-related disorder.](#)

Shieh C, Jones N, Vanle B, Au M, Huang AY, Silva APG, Lee H, Douine ED, Otero MG, Choi A, Grand K, Taff IP, Delgado MR, Hajianpour MJ, Seeley A, Rohena L, Vernon H, Gripp KW, Vergano SA, Mahida S, Naidu S, Sousa AB, Wain KE, Challman TD, Beek G, Basel D, Ranells J, Smith R, Yusupov R, Freckmann ML, Ohden L, Davis-Keppen L, Chitayat D, Dowling JJ, Finkel R, Dauber A, Spillmann R, Pena LDM; Undiagnosed Diseases Network, Metcalfe K, Splitt M, Lachlan K, McKee SA, Hurst J, Fitzpatrick DR, Morton JEV, Cox H, Venkateswaran S, Young JJ, Marsh ED, Nelson SF, Martinez JA, Graham JM Jr, Kini U, Mackay JP, Pierson TM.

Genet Med. 2020 May;22(5):878-888. doi: 10.1038/s41436-019-0747-z. Epub 2020 Jan 17

PMID: 31949314

[Loss-of-Function Variants in PPP1R12A: From Isolated Sex Reversal to Holoprosencephaly Spectrum and Urogenital Malformations.](#)

2020 PUBLICATIONS DIRECTORY

Hughes JJ, Alkhunaizi E, Kruszka P, Pyle LC, Grange DK, Berger SI, Payne KK, Masser-Frye D, Hu T, Christie MR, Clegg NJ, Everson JL, Martinez AF, Walsh LE, Bedoukian E, Jones MC, Harris CJ, Riedhammer KM, Choukair D, Fechner PY, Rutter MM, Hufnagel SB, Roifman M, Kletter GB, Delot E, Vilain E, Lipinski RJ, Vezina CM, Muenke M, Chitayat D.

Am J Hum Genet. 2020 Jan 2;106(1):121-128. doi: 10.1016/j.ajhg.2019.12.004. Epub 2019 Dec 26.
PMID: 31883643 Free PMC article.

[Neural and Non-Neural Contributions to Ankle Spasticity in Children with Cerebral Palsy](#)

Xu D, Wu YN, Gaebler-Spira D, Gao F, Clegg NJ, Delgado MR, Zhang LQ.

Dev Med Child Neurol. 2020 Sep;62(9):1040-1046. doi: 10.1111/dmcn.14506. Epub 2020 Mar 8.
PMID: 32147834

Other Clinical Research Division

[Complications: Second Victim.](#)

Herring JA.

J Pediatr Orthop. 2020 Jul;40 Suppl 1:S22-S24. doi: 10.1097/BPO.0000000000001498.
PMID: 32502066 Review.

[Defining the volume of consultations for musculoskeletal infection encountered by pediatric orthopaedic services in the United States.](#)

Koehler RJ, Shore BJ, Hedequest D, Heyworth BE, May C, Miller PE, Rademacher ES, Sanborn RM, Murphy JS, Roseman A, Stoneback JW, Trizno AA, Goldstein RY, Harris L, Nielsen E, Talwar D, Denning JR, Saeed N, Kutz B, Laine JC, Naas M, Truong WH, Rotando M, Spence DD, Brighton BK, Churchill C, Janicki JA, King K, Wild J, Beebe AC, Crouse S, Rough T, Rowan M, Singh S, Davis-Juarez A, Gould A, Hughes O, Rickert KD, Upasani VV, Blumberg TJ, Bompadre V, Lindberg AW, Miller ML, Hill JF, Peoples H, Rosenfeld SB, Turner R, Copley LA, Lindsay EA, Ramo BA, Tareen N, Winberly RL, Li GY, Sessel J, Johnson ME, Johnson S, Moore-Lotridge SN, Shelton J, Baldwin KD, Schoenecker JG; Children's Orthopaedic Trauma and Infection Consortium for Evidence Based Study (CORTICES) Group.

PLoS One. 2020 Jun 4;15(6):e0234055. doi: 10.1371/journal.pone.0234055. eCollection 2020.
PMID: 32497101 Free PMC article.

[Peroneal Nerve Function Before and Following Surgical Excision of a Proximal Fibular Osteochondroma.](#)

Birch CM, Smit KM, Sucato DJ.

J Pediatr Orthop. 2021 Jan;41(1):61-66. doi: 10.1097/BPO.0000000000001688.
PMID: 33003067

[Strategies and Tools to Enhance Team Performance.](#)

Sucato DJ.

J Pediatr Orthop. 2020 Jul;40 Suppl 1:S25-S29. doi: 10.1097/BPO.0000000000001526.
PMID: 32502067

[Team Approach: Pediatric Musculoskeletal Infection.](#)

Dhar AV, Huang CJ, Sue PK, Patel K, Farrow-Gillespie AC, Hammer MR, Zia AN, Mittal VS, Copley LA.

JBJS Rev. 2020 Mar;8(3):e0121. doi: 10.2106/JBJS.RVW.19.00121.
PMID: 32224640

PDD Clinical Research Division

[Latex allergy guidelines for people with spina bifida.](#)

Meneses V, Parenti S, Burns H, Adams R.

J Pediatr Rehabil Med. 2020;13(4):601-609. doi: 10.3233/PRM-200741.
PMID: 33285646

Psychology Clinical Research Division

[Preoperative mental health status is a significant predictor of postoperative outcomes in adolescents treated with hip preservation surgery.](#)

Richard HM, Cerza SP, De La Rocha A, Podeszwa DA.

J Child Orthop. 2020 Aug 1;14(4):259-265. doi: 10.1302/1863-2548.14.200013.

2020 PUBLICATIONS DIRECTORY

PMID: 32874357 Free PMC article.

[Sleep Problems and Posttraumatic Stress: Children Exposed to a Natural Disaster.](#)

Lai BS, La Greca AM, Colgan CA, Herge W, Chan S, Medzhitova J, Short M, Auslander B.

J Pediatr Psychol. 2020 Oct 1;45(9):1016-1026. doi: 10.1093/jpepsy/jsaa061.

PMID: 32885231

Radiology Clinical Research Division

[Clinical feasibility of 2D dynamic sagittal HASTE flexion-extension imaging of the cervical spine for the assessment of spondylolisthesis and cervical cord impingement](#)

Christopher J Burke, Mohammad Samim, Hamza Alizai, Julien Sanchez, Dallas Kingsbury, James S Babb, William R Walter

Eur J Radiol. 2021 Jan;134:109447. doi: 10.1016/j.ejrad.2020.109447. Epub 2020 Nov 27.

PMID: 33307460

[Fast field echo resembling a CT using restricted echo-spacing \(FRACTURE\): a novel MRI technique with superior bone contrast.](#)

Johnson B, Alizai H, Dempsey M.

Skeletal Radiol. 2020 Nov 11. doi: 10.1007/s00256-020-03659-7. Online ahead of print.

PMID: 33175183

[Real-time dynamic 3-T MRI assessment of spine kinematics: a feasibility study utilizing three different fast pulse sequences.](#)

Walter WR, Alizai H, Bruno M, Portugal S, Burke CJ.

Acta Radiol. 2021 Jan;62(1):58-66. doi: 10.1177/0284185120913000. Epub 2020 Mar 31.

PMID: 32233646

Rheumatology Clinical Research Division

[Clinical Team Perspectives on the Psychosocial Aspects of Transition to Adult Care for Patients With Childhood-Onset Systemic Lupus Erythematosus.](#)

Bitencourt N, Kramer J, Bermas BL, Solow EB, Wright T, Makris UE.

Arthritis Care Res (Hoboken). 2021 Jan;73(1):39-47. doi: 10.1002/acr.24463. Epub 2020 Dec 10.

PMID: 32976698

[Distinct tissue injury patterns in juvenile dermatomyositis auto-antibody subgroups.](#)

Nguyen M, Do V, Yell PC, Jo C, Liu J, Burns DK, Wright T, Cai C.

Acta Neuropathol Commun. 2020 Aug 5;8(1):125. doi: 10.1186/s40478-020-01007-3.

PMID: 32758284 Free PMC article.

[Inflammatory myositis in systemic lupus erythematosus.](#)

Bitencourt N, Solow EB, Wright T, Bermas BL.

Lupus. 2020 Jun;29(7):776-781. doi: 10.1177/0961203320918021. Epub 2020 Apr 11.

PMID: 32281474

[Mapping systemic lupus erythematosus heterogeneity at the single-cell level.](#)

Nehar-Belaid D, Hong S, Marches R, Chen G, Bolisetty M, Baisch J, Walters L, Punaro M, Rossi RJ, Chung CH, Huynh RP, Singh P, Flynn WF, Tabanor-Gayle JA, Kuchipudi N, Mejias A, Collet MA, Lucido AL, Palucka K, Robson P, Lakshminarayanan S, Ramilo O, Wright T, Pascual V, Banchereau JF.

Nat Immunol. 2020 Sep;21(9):1094-1106. doi: 10.1038/s41590-020-0743-0. Epub 2020 Aug 3.

PMID: 32747814

[Time to Completed Visit and Healthcare Utilization among Young Adults Transferring from Pediatric to Adult Rheumatologic Care in a Safety-Net Hospital.](#)

Bitencourt N, Bermas BL, Makris UE, Wright T, Reisch J, Solow EB.

Arthritis Care Res (Hoboken). 2020 Sep 9. doi: 10.1002/acr.24409. Online ahead of print.

PMID: 32909362

Spine Clinical Research Division

[An initial effort to define an early onset scoliosis "graduate"-The Pediatric Spine Study Group experience.](#)

2020 PUBLICATIONS DIRECTORY

Hardesty CK, Murphy RF, Pawelek JB, Glotzbecker MP, Hosseini P, Johnston CE, Emans J, Akbarnia BA; Pediatric Spine Study Group.

Spine Deform. 2020 Nov 30. doi: 10.1007/s43390-020-00255-6. Online ahead of print.

PMID: 33258069 Review.

[Can distraction-based surgeries achieve minimum 18 cm thoracic height for patients with early onset scoliosis?](#)

ElBromboly Y, Hurry J, Johnston C, McClung A, Samdani A, Glotzbecker M, Hilaire TS, Flynn T; Pediatric Spine Study Group, El-Hawary R.

Spine Deform. 2020 Oct 29. doi: 10.1007/s43390-020-00230-1. Online ahead of print.

PMID: 33123987

[Continued deterioration in pulmonary function at average 23-year follow-up from early thoracic fusion in non-neuromuscular scoliosis.](#)

Bouton D, Karol L, Poppino K, Johnston C.

Spine Deform. 2020 Oct 19. doi: 10.1007/s43390-020-00224-z. Online ahead of print.

PMID: 33074389

[Dexamethasone Administration Decreases Opioid Usage After Posterior Spinal Fusion in Patients with Adolescent Idiopathic Scoliosis: Commentary on article by Nicholas D. Fletcher, MD, et al.: "Postoperative Dexamethasone Following Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis".](#)

McIntosh AL.

J Bone Joint Surg Am. 2020 Oct 21;102(20):e120. doi: 10.2106/JBJS.20.01488.

PMID: 33086358 No abstract available.

[Diagnostic yield and clinical impact of exome sequencing in early-onset scoliosis \(EOS\).](#)

Zhao S, Zhang Y, Chen W, Li W, Wang S, Wang L, Zhao Y, Lin M, Ye Y, Lin J, Zheng Y, Liu J, Zhao H, Yan Z, Yang Y, Huang Y, Lin G, Chen Z, Zhang Z, Liu S, Jin L, Wang Z, Chen J, Niu Y, Li X, Wu Y, Wang Y, Du R, Gao N, Zhao H, Yang Y, Liu Y, Tian Y, Li W, Zhao Y, Liu J, Yu B, Zhang N, Yu K, Yang X, Li S, Xu Y, Hu J, Liu Z, Shen J, Zhang S, Su J, Khanshour AM, Kidane YH, Ramo B, Rios JJ, Liu P, Sutton VR, Posey JE, Wu Z, Qiu G, Wise CA, Zhang F, Lupski JR, Zhang J, Wu N; Deciphering Disorders Involving Scoliosis and COMorbidities (DISCO) study.

J Med Genet. 2021 Jan;58(1):41-47. doi: 10.1136/jmedgenet-2019-106823. Epub 2020 May 7

PMID: 32381727

[Distraction-based surgeries increase thoracic sagittal spine length after ten lengthening surgeries for patients with idiopathic early-onset scoliosis.](#)

El-Hawary R, Chukwunyeremwa CK, Gauthier LE, Spurway AJ, Hilaire TS, McClung AM, El-Bromboly Y, Johnston CE; Children's Spine Study Group.

Spine Deform. 2020 Apr;8(2):303-309. doi: 10.1007/s43390-019-00025-z. Epub 2020 Feb 5.

PMID: 32026442

[Does thoracoplasty adversely affect lung function in complex pediatric spine deformity? A 2-year follow-up review](#)

Boachie-Adjei O, Sackeyfio A, Duah HO, Lenke LG, Sponseller PD, Sucato DJ, Samdani AF, Newton PO, Shah SA, Erickson MA, Wulff I, Sides BA, Gupta MC; Fox Pediatric Spinal Deformity Study.

Spine Deform. 2021 Jan;9(1):105-111. doi: 10.1007/s43390-020-00188-0. Epub 2020 Aug 18.

PMID: 32812164

[Establishing consensus on the best practice guidelines for the use of bracing in adolescent idiopathic scoliosis.](#)

Roye BD, Simhon ME, Matsumoto H, Bakarania P, Berdishevsky H, Dolan LA, Grimes K, Grivas TB, Hresko MT, Karol LA, Lonner BS, Mendelow M, Negrini S, Newton PO, Parent EC, Rigo M, Strikeleather L, Tunney J, Weinstein SL, Wood G, Vitale MG.

Spine Deform. 2020 Aug;8(4):597-604. doi: 10.1007/s43390-020-00060-1. Epub 2020 Feb 5.

PMID: 32026441 Review.

[Incidence and significance of findings on spinal MRIs in a paediatric population with spinal column complaints](#)

Karl Rathjen, Rebecca J. Dieckmann, David C. Thornberg, AnnMarie Karam, and John G. Birch

Journal of Children's Orthopaedics 0 0:0, 1-6

<https://online.boneandjoint.org.uk/doi/full/10.1302/1863-2548.15.200158>

[Incidence of Proximal Junctional Kyphosis With Pedicle Screws at Upper Instrumented Vertebrae in Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis.](#)

2020 PUBLICATIONS DIRECTORY

Ogura Y, Glassman SD, Sucato D, Hresko MT, Carreon LY.

Global Spine J. 2020 Jul 7;2192568220935107. doi: 10.1177/2192568220935107. Online ahead of print.

PMID: 32677526

[Intraoperative Prone Radiographs During Scheuermann Kyphosis Correction Closely Estimate Standing Thoracic and Lumbar Parameters at 2 Years.](#)

Greenhill DA, Poppino KF, Jo CH, Sucato DJ.

J Pediatr Orthop. 2020 Nov/Dec;40(10):581-586. doi: 10.1097/BPO.0000000000001581.

PMID: 32379246

[Minimum 5-Year Follow-up on Graduates of Growing Spine Surgery for Early Onset Scoliosis.](#)

Murphy RF, Barfield WR, Emans JB, Akbarnia B, Thompson G, Sponseller P, Skaggs D, Marks D, Smith JT, Flynn J, Presson A, Sawyer JR, Johnston C; Pediatric Spine Study Group.

J Pediatr Orthop. 2020 Nov/Dec;40(10):e942-e946. doi: 10.1097/BPO.0000000000001646.

PMID: 32773654

[New neurologic deficit and recovery rates in the treatment of complex pediatric spine deformities exceeding 100 degrees or treated by vertebral column resection \(VCR\).](#)

Boachie-Adjei O, Duah HO, Yankey KP, Lenke LG, Sponseller PD, Sucato DJ, Samdani AF, Newton PO, Shah SA, Erickson MA, Akoto H, Sides BA, Gupta MC; Fox Pediatric Spinal Deformity Study.

Spine Deform. 2020 Oct 9. doi: 10.1007/s43390-020-00211-4. Online ahead of print.

PMID: 33034889

[Prospective Comparison of Patient-selected Operative Versus Nonoperative Treatment of Scheuermann Kyphosis.](#)

Green C, Brown K, Caine H, Dieckmann RJ, Rathjen KE.

J Pediatr Orthop. 2020 Sep;40(8):e716-e719. doi: 10.1097/BPO.0000000000001576.

PMID: 32341242

[Scoliosis-specific exercises: A state of the Art Review.](#)

Tolo VT, Herring JA.

Spine Deform. 2020 Apr;8(2):149-155. doi: 10.1007/s43390-020-00036-1. Epub 2020 Feb 24.

PMID: 32096136 Review.

[Spinal balance and lumbar curve stability after selective thoracic fusion in idiopathic scoliosis.](#)

Gebrelul A, Karam AM, Poppino K, Jo CH, Richards BS.

Spine Deform. 2020 Oct 28. doi: 10.1007/s43390-020-00229-8. Online ahead of print

PMID: 33118150

[The growth-friendly surgical treatment of scoliosis in children with osteogenesis imperfecta using distraction-based instrumentation.](#)

Karlin LI, McClung A, Johnston CE, Samdani A, Hresko MT, Perez-Gruoso FJ, Troy M; Children's Spine Study Group.

Spine Deform. 2021 Jan;9(1):263-274. doi: 10.1007/s43390-020-00196-0. Epub 2020 Sep 12.

PMID: 32920772

[The incidence and risk factors for perioperative allogeneic blood transfusion in primary idiopathic scoliosis surgery.](#)

Mange TR, Sucato DJ, Poppino KF, Jo CH, Ramo BR.

Spine Deform. 2020 Aug;8(4):695-702. doi: 10.1007/s43390-020-00093-6. Epub 2020 Mar 9.

PMID: 32152964

[The Influence of Body Habitus on Documented Brace Wear and Progression in Adolescents With Idiopathic Scoliosis](#)

Karol LA, Wingfield JJ, Virostek D, Felton K, Jo C.

J Pediatr Orthop. 2020 Mar;40(3):e171-e175. doi: 10.1097/BPO.0000000000001420.

PMID: 31259783

[The Reliability of the AOSpine Thoracolumbar Classification System in Children: Results of a Multicenter Study.](#)

Mo AZ, Miller PE, Glotzbecker MP, Li Y, Fletcher ND, Upasani VV, Riccio AI, Hresko MT, Krengel WF, Spence D, Garg S, Hedequist DJ.

J Pediatr Orthop. 2020 May/Jun;40(5):e352-e356. doi: 10.1097/BPO.0000000000001521.

PMID: 32032218

2020 PUBLICATIONS DIRECTORY

[Two AIS spine surgeries on the same day by the same surgeon: is performance and outcome the same for the second patient?](#)

Floccari LV, Poppino KF, Mundluru SN, McIntosh AL, Rathjen KE, Sucato DJ.

Spine Deform. 2020 Oct;8(5):977-981. doi: 10.1007/s43390-020-00136-y. Epub 2020 May 23.

PMID: 32447574

Sports Clinical Research Division

[Activity Measures in Pediatric Athletes: A Comparison of the Hospital for Special Surgery Pediatric Functional Activity Brief Scale and Tegner Activity Level Scale.](#)

Wagner KJ 3rd, Sabatino MJ, Zynda AJ, Gans CV, Chung JS, Miller SM, Wilson PL, Ellis HB Jr.

Am J Sports Med. 2020 Mar;48(4):985-990. doi: 10.1177/0363546520904009.

PMID: 32167838

[Arthroscopic Capsular Management of the Hip: A Comparison of Indications for and Clinical Outcomes of Periportal Versus Interportal Capsulotomy.](#)

McGovern RP, Bucci G, Nickel BA, Ellis HB, Wells JE, Christoforetti JJ.

Arthroscopy. 2021 Jan;37(1):86-94. doi: 10.1016/j.arthro.2020.08.004. Epub 2020 Aug 14.

PMID: 32798668

[Classification and Treatment of Pediatric Tibial Spine Fractures: Assessing Reliability Among a Tibial Spine Research Interest Group](#)

Ellis HB, Zynda AJ, Cruz AI Jr, Sachleben B, Sargent C, Green D, Schmale G, Jagodzinski J, Rhodes J, Mistovich J, Fabricant PD, McKay S, Lee RJ, Yen YM, Ganley T.

J Pediatr Orthop. 2021 Jan;41(1):e20-e25. doi: 10.1097/BPO.0000000000001654.

PMID: 32991493

[Complications and Controversies in the Management of 5 Common Pediatric Sports Injuries](#)

Striano BM, Aoyama JT, Ellis HB, Kocher MS, Shea KG, Ganley TJ.

JBJS Rev. 2020 Dec;8(12):e20.00013. doi: 10.2106/JBJS.RVW.20.00013.

PMID: 33298679 No abstract available.

[Continued Play Following Sport-Related Concussion in United States Youth Soccer.](#)

Zynda AJ, Sabatino MJ, Ellis HB, Miller SM.

Int J Exerc Sci. 2020 Feb 1;13(6):87-100. eCollection 2020.

PMID: 32148638 Free PMC article.

[Descriptive Epidemiology of Adolescent Clavicle Fractures: Results From the FACTS \(Function after Adolescent Clavicle Trauma and Surgery\) Prospective, Multicenter Cohort Study.](#)

Ellis HB, Li Y, Bae DS, Kalish LA, Wilson PL, Pennock AT, Nepple JJ, Willimon SC, Spence DD, Pandya NK; FACTS Study Group, Kocher MS, Edmonds EW, Farley FA, Gordon JE, Kelly DM, Busch MT, Sabatini CS, Heyworth BE.

Orthop J Sports Med. 2020 May 29;8(5):2325967120921344. doi: 10.1177/2325967120921344. eCollection 2020 May.

PMID: 32528990 Free PMC article.

[Four Risk Factors for Arthrofibrosis in Tibial Spine Fractures: A National 10-Site Multicenter Study.](#)

Bram JT, Aoyama JT, Mistovich RJ, Ellis HB Jr, Schmale GA, Yen YM, McKay SD, Fabricant PD, Green DW, Lee RJ, Cruz AI Jr, Kushare IV, Shea KG, Ganley TJ.

Am J Sports Med. 2020 Oct;48(12):2986-2993. doi: 10.1177/0363546520951192. Epub 2020 Sep 8.

PMID: 32898426

[Low Energy, Lateral Ankle Injuries in Pediatric and Adolescent Patients: A Systematic Review of Ankle Sprains and Nondisplaced Distal Fibula Fractures.](#)

Beck JJ, VandenBerg C, Cruz AI, Ellis HB Jr.

J Pediatr Orthop. 2020 Jul;40(6):283-287. doi: 10.1097/BPO.0000000000001438.

PMID: 32501909

[Osteochondritis Dissecans of the Knee: An Interrater Reliability Study of Magnetic Resonance Imaging Characteristics.](#)

Fabricant PD, Milewski MD, Kostyun RO, Wall EJ, Zbojnowicz AM; Research in Osteochondritis of the Knee (ROCK) Study Group, Albright JC, Bauer KL, Carey JL, Chambers HG, Edmonds EW, Ellis HB, Ganley TJ, Green

2020 PUBLICATIONS DIRECTORY

DW, Grimm NL, Heyworth BE, Kocher MS, Krych AJ, Lyon RM, Mayer SW, Nepple JJ, Nissen CW, Pennock AT, Polousky JD, Saluan P, Shea KG, Tompkins MA, Weiss J, Clifton Willimon S, Wilson PL, Wright RW, Myer GD.
Am J Sports Med. 2020 Jul;48(9):2221-2229. doi: 10.1177/0363546520930427. Epub 2020 Jun 25.
PMID: 32584594

[Parameters of cardiac symptoms in young athletes using the Heartbytes database.](#)

Jones JC, Sugimoto D, Kobelski GP, Rao P, Miller S, Koilor C, Corrado GD, Shipon DM.
Phys Sportsmed. 2020 Apr 26:1-8. doi: 10.1080/00913847.2020.1755908. Online ahead of print.
PMID: 32281468

[Patellar-Trochlear Morphology in Pediatric Patients From 2 to 11 Years of Age: A Descriptive Analysis Based on Computed Tomography Scanning](#)

Richmond CG, Shea KG, Burlile JF, Heyer AM, Ellis HB, Wilson PL, Arendt EA, Tompkins MA.
J Pediatr Orthop. 2020 Feb;40(2):e96-e102. doi: 10.1097/BPO.0000000000001405. PMID: 31107711
PMID: 31107711

[Risk Factors for Adverse Radiographic Outcomes After Elastic Stable Intramedullary Nailing of Unstable Diaphyseal Tibia Fractures in Children.](#)

Pennock AT, Huang SG, Pedowitz JM, Pandya NK, McLaughlin DC, Bastrom TP, Ellis HB.
J Pediatr Orthop. 2020 Oct;40(9):481-486. doi: 10.1097/BPO.0000000000001565.
PMID: 32282621

[Sex differences in reporting of concussion symptoms in adults](#)

Bunt SC, Didehban N, LoBue C, Stokes M, Heinzelmann M, Rossetti H, Miller SM, Nakonezny PA, Bell K, Batjer H, Cullum CM.
Clin Neuropsychol. 2020 Dec 1:1-14. doi: 10.1080/13854046.2020.1842500. Online ahead of print.
PMID: 33258703

[Surgical Management of Osteochondritis Dissecans of the Capitellum in Children: Is there Consensus Among Experts?](#)

Scott M. LaValva, Nakul S. Talathi, Neeraj M. Patel, Eric W. Edmonds, Henry B. Ellis, Jr, Peter D. Fabricant, Roger Lyon, Matthew D. Milewski, John Polousky, Kevin G. Shea, Eric J. Wall, Philip Wilson, Benton E. Heyworth, Carl W. Nissen, Donald S. Bae, Theodore J. Ganley
Orthop J Sports Med. 2020 Apr; 8(4 suppl3): 2325967120S00276. Published online 2020 Apr 30. doi: 10.1177/2325967120S00276
PMCID: PMC7222273

[The Association of \$\alpha\$ Angle on Disease Severity in Adolescent Femoroacetabular Impingement](#)

Youngman TR, Wagner KJ 3rd, Montanez B, Johnson BL, Wilson PL, Morris WZ, Sucato DJ, Podeszwa DA, Ellis HB Jr.
J Pediatr Orthop. 2021 Feb 1;41(2):88-92. doi: 10.1097/BPO.0000000000001703. PMID: 33208669.
PMID: 33208669

[The North Texas Concussion Registry \(ConTex\)](#)

Cullum CM, Bunt S, Hicks C, Didehban N, Miller S, Vargas B, Sabo T, Bell K, Batjer HH.
BMJ Open. 2020 Jan 2;10(1):e032345. doi: 10.1136/bmjopen-2019-032345.
PMID: 31900269 Free PMC article.

[The Use of Psychological Patient Reported Outcome Measures to Identify Adolescent Athletes at Risk for Prolonged Recovery Following an ACL Reconstruction.](#)

Ellis HB, Sabatino M, Nwelue E, Wagner KJ 3rd, Force E, Wilson P.
J Pediatr Orthop. 2020 Oct;40(9):e844-e852. doi: 10.1097/BPO.0000000000001624.
PMID: 32658154

[Tibial Spine Fractures in Children: A Multicenter Investigation Revealing Historical and Geographic Variability in Epidemiology](#)

Scott M LaValva, Julien T Aoyama, BA, Alexander J Adams, MD, Sprikena Nako, R Justin Mistovich, MD, MBA, Yi-Meng Yen, MD, PhD, Henry B Ellis, Jr., MD, R Jay Lee, MD, Peter D Fabricant, MD, MPH, Daniel W Green, MD, Aristides I Cruz, Jr., MD, MBA, Scott McKay, MD, Gregory A. Schmale, MD, Theodore J Ganley, MD
Orthopaedic Journal of Sports Medicine First Published April 30, 2020
<https://doi.org/10.1177/2325967120S00172>

[Tibial Spine Fractures: How Much Are We Missing Without Pretreatment Advanced Imaging? A Multicenter Study](#)

2020 PUBLICATIONS DIRECTORY

Shimberg JL, Aoyama JT, Leska TM, Ganley TJ, Fabricant PD, Patel NM, Cruz AI Jr, Ellis HB Jr, Schmale GA; Tibial Spine Research Interest Group, Green DW, Jagodzinski JE, Kushare I, Lee RJ, McKay S, Rhodes J, Sachleben B, Sargent C, Yen YM, Mistovich RJ.

Am J Sports Med. 2020 Nov;48(13):3208-3213. doi: 10.1177/0363546520957666. Epub 2020 Sep 24.

PMID: 32970957

[Differences in Adolescent Symptom Reporting Following Motor Vehicle Accident Versus Sport-Related Concussion.](#)

Tarkenton T, Caze li T, Silver CH, Hynan LS, Didehbani N, Miller S, Batjer H, Bell K, Cullum CM.

Arch Clin Neuropsychol. 2020 Oct 17:acaa086. doi: 10.1093/arclin/acaa086. Epub ahead of print.

PMID: 33067613

Trauma Clinical Research Division

[Pathologic Arterial Changes in Neurovascularly Intact Gartland III Supracondylar Humerus Fractures: A Pilot Study](#)

Ho CA, Podeszwa DA, Riccio AI, Wimberly RL, Ramo BA, Yang M, Patel S

J Pediatr Orthop B. 2020 Mar; 29(2):137-144. doi: 10.1097/BPB.0000000000000697

PMID: 31789689

[Pediatric acute leg compartment syndrome after peroneus longus rupture: a case series](#)

Hull BR, Wingfield JJ, Stall A, Birch CM, Ho CA

J Pediatr Orthop B. 2020 Jul;29(4):355-358. doi: 10.1097/BPB.0000000000000674.

PMID: 31503106

[Pediatric Floating Elbow Injuries Are Not as Problematic as They Were Once Thought to Be: A Systematic Review.](#)

Baghdadi S; CORTICES.

J Pediatr Orthop. 2020 Sep;40(8):380-386. doi: 10.1097/BPO.0000000000001573.

PMID: 32776772

[Pediatric Type II Supracondylar Humerus Fractures: Factors Associated With Successful Closed Reduction and Immobilization.](#)

Ojeaga P, Wyatt CW, Wilson P, Ho CA, Copley LAB, Ellis HB Jr.

J Pediatr Orthop. 2020 Sep;40(8):e690-e696. doi: 10.1097/BPO.0000000000001586.

PMID: 32776771

[Pediatric Type II Supracondylar Humerus Fractures: Factors Associated With Successful Closed Reduction and Immobilization.](#)

Ellis HB.

J Pediatr Orthop. 2020 Dec 24; Publish Ahead of Print. doi: 10.1097/BPO.0000000000001716. Online ahead of print.

PMID: 33370004 No abstract available.

[Predictors of appointment adherence following operative treatment of pediatric supracondylar humerus fractures: which patients are not following up?](#)

Hubbard EW, Rathjen KE, Elliott M, Wimberly RL, Riccio AI.

J Pediatr Orthop B. 2020 Oct 29. doi: 10.1097/BPB.0000000000000824. Online ahead of print.

PMID: 33136798

[The Frequency of Mediastinal Injury in Acute Posterior Sternoclavicular Dislocations: A Multicenter Study.](#)

Fournier MN, Sinclair MR, Zheng ET, Spiegel DA, Johnson AL, Shah AS, Riccio AI, Elliott ME, Bae DS, Sawyer JR.

J Pediatr Orthop. 2020 Nov/Dec;40(10):e927-e931. doi: 10.1097/BPO.0000000000001649.

PMID: 32804865

[Transphyseal Humeral Separations: What Can We Learn? A Retrospective, Multicenter Review of Surgically Treated Patients Over a 25-Year Period](#)

Hariharan AR, Ho CA, Bauer A, Mehlman CT, Sponseller PD, O'Hara N, Elliott ME, Abzug JM

J Pediatr Orthop. 2020 Jul;40(6):e424-e429. doi: 10.1097/BPO.0000000000001455.

PMID: 32501903

[Vascular examination predicts functional outcomes in supracondylar humerus fractures: a prospective study.](#)

Ernat JJ, Wimberly RL, Ho CA, Riccio AI.

J Child Orthop. 2020 Dec 1;14(6):495-501. doi: 10.1302/1863-2548.14.200130.

PMID: 33343743 Free PMC article.