

Nicole S. Pham

Biostatistician 2, Emergency Medicine

Publications

PUBLICATIONS

- **Knee Chondral Shear Injury Repair: A Biomechanical Laboratory Comparison of Suture Bridge to Chondral Pin Fixation.** *The American journal of sports medicine*
Duru, N. O., Stoner, A. J., Frey, C., Pham, N. S., Ellis, H. B., Schmitz, M. R., Yen, Y. M., Tompkins, M. A., Ganley, T. J., Wilson, P., Meadows, M. C., Chan, C., Shea, et al
2026: 3635465261436052
- **Pickleball-related injuries treated at a tertiary academic center over five years: a cross-sectional study.** *Injury epidemiology*
Meng, Y., Chen, A., Nguyen, C., Kaufman, M., Li, D., Pham, N., Chou, R., Roh, E.
2026
- **Biomechanical Comparison of All-Suture Anchors Versus Interference Screws for Femoral Fixation in Pediatric MPFL Reconstruction** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Alayleh, A. M., Stoner, A., Hollyer, I., McFarlane, K., Duru, N., Baird, W., Chan, C., Pham, N., Ellis, H. B., Schmitz, M. R., Tompkins, M., Yen, Y., Ganley, et al
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- **Biomechanical Comparison of All-Suture Anchors Versus Interference Screws for Femoral Fixation in Pediatric MPFL Reconstruction.** *Orthopaedic journal of sports medicine*
Alayleh, A. M., Stoner, A., Hollyer, I., McFarlane, K., Duru, N., Baird, W., Chan, C., Pham, N., Ellis, H. B., Schmitz, M. R., Tompkins, M., Yen, Y. M., Ganley, et al
2026; 14 (4): 23259671261428088
- **The Anatomy of the Anterior Intermeniscal Ligament in Children: Implications for Tibial Spine Fractures, Meniscal Injuries, and Anterior Cruciate Ligament Reconstruction** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Alayleh, A. M., Hollyer, I., Johnstone, T., Obilo, C., McFarlane, K., Cruz, J., Stoner, A., Duru, N., Pham, N., Chan, C., Ellis, H. B., Schmitz, M. R., Tompkins, et al
2026; 14 (3): 23259671251412407
- **Under-prescribed and underutilized: National trends in osteoporosis medication use after fragility fracture.** *Bone*
Wadhwa, H., Isakoff, K. J., Pham, N. S., Goodnough, L. H., Bishop, J. A., Gardner, M. J.
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- **Mechanical Properties of Pediatric Knee Ligaments: A Cadaveric Study.** *Orthopaedic journal of sports medicine*
Sanchez, M., Duru, N. O., Gupta, A., Storaci, H., Chan, C., Pham, N., Rohde, M., Khoo, B., Alayleh, A., Sherman, S., Ellis, H. B., Tompkins, M., Wilson, et al
2026; 14 (2): 23259671251407091
- **Evaluating the utility of using ChatGPT 3.5 to generate research ideas for non-operative spine medicine** *JOURNAL OF MEDICAL ARTIFICIAL INTELLIGENCE*
Kaufman, M., Pham, N., Levin, J.
2025; 8
- **Biomechanical Properties of the Extensor Mechanism Following Retrograde Intramedullary Nailing for Metacarpal Fractures.** *The Journal of hand surgery*
Chung, C. C., Lachnish, J., Chan, C. K., Pham, N. S., Yao, J.
2025

- **Revision Total Hip Arthroplasty in Juvenile Idiopathic Arthritis: Survivorship After a Mean Follow-up of 11 Years.** *The Journal of arthroplasty*
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2025
- **Clinical Efficacy of Pulsed Electromagnetic Field Therapy on Thumb Carpometacarpal Joint Pain: A Double-Blind, Randomized, Controlled Trial.** *Hand (New York, N.Y.)*
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- **Comparative Analysis of Iliotibial Band Graft Length in Pediatric Anterior Cruciate Ligament Reconstruction: MacIntosh Versus All-Epiphyseal Femoral Drilling Technique.** *The American journal of sports medicine*
Duru, N. O., Stoner, A. J., Alayleh, A. M., Lind, D. R., Schultz, C., Pham, N. S., Ellis, H. B., Schmitz, M. R., Yen, Y. M., Tompkins, M. A., Ganley, T., Meadows, M. C., Chan, et al
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- **Preoperative Knee Templating Accuracy Does Not Predict Radiographic or Clinical Outcome in Total Knee Arthroplasty** *ORTHOPEDICS*
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- **Magnetic Resonance Imaging Characteristics of the Iliocapsularis in Hip Microinstability: A Comparative Analysis.** *The American journal of sports medicine*
Raji, Y., Pierre, K. J., Wagle, S., Pham, N. S., Boutin, R. D., Safran, M. R.
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- **Bedside Aspiration for Workup of the Pediatric Septic Hip: Avoid Trips to the OR and Expedited Time to Diagnosis.** *Journal of pediatric orthopedics*
Skaggs, K. F., Okoli, O., Naz, H., Pham, N. S., Vorhies, J. S., Tileston, K. R.
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- **Retrospective Analysis and Characterization of Avascular Necrosis By Bone Location in Pediatric Leukemia/Lymphoma Patients.** *Journal of pediatric orthopedics*
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 - **Incidence and Risk Factors for Steroid-associated Osteonecrosis in Children and Adolescents: A Systematic Review of the Literature.** *Journal of pediatric orthopedics*
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Durtschi, M. S., Pham, N. S., Hwang, C. E.
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Richey, A. E., Segovia, N., Hastings, K., Klemt, C., Pun, S. Y.
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Kaur, J., Pham, N., Cahan, E., Halvorsen, K., Langner, J. L., Bryson, X. M., Chan, C. M., Vorhies, J.
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Thomas, N. D., Mahler, R., Rohde, M., Segovia, N., Shea, K. G.
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- **Variations in Duration of Clinical Follow-up After Spinal Fusion for Adolescent Idiopathic Scoliosis: A Survey of POSNA and SRS Membership.** *Journal of the Pediatric Orthopaedic Society of North America*
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Kwong, J. W., Tileston, K. R., Kaur, J., Segovia, N. A., Imrie, M. N., Rinsky, L. A., Vorhies, J. S.
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- **Can Hip Passive Range of Motion Predict Hip Microinstability? A Comparative Study** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
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 - **Endoscopic iliopsoas lengthening for treatment of recalcitrant iliopsoas tendinitis after total hip arthroplasty** *JOURNAL OF HIP PRESERVATION SURGERY*
Bonano, J. C., Pierre, K., Jamero, C., Segovia, N. A., Huddleston, J., Safran, M. R.
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 - **Opioid Represcriptions After ACL Reconstruction in Adolescents are Associated With Subsequent Opioid Use Disorder.** *Journal of pediatric orthopedics*
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 - **Anatomic relationship of extensor indicis propius and extensor digitorum communis: Implications for tendon transfer.** *World journal of orthopedics*
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- **Prevalence of Positive Rapid Antigen Tests After 7-Day Isolation Following SARS-CoV-2 Infection in College Athletes During Omicron Variant Predominance.** *JAMA network open*
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2022; 5 (10): e2237149
- **Isolated Versus Full Component Revision In Total Knee Arthroplasty For Aseptic Loosening.** *The Journal of arthroplasty*
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- **Characterization of Trapezial Pommel in Relation to Radiographic and Wear Patterns in Carpometacarpal Osteoarthritis.** *Hand (New York, N.Y.)*
Bourdillon, A. T., Shapiro, L., Kerkhof, F. D., Segovia, N. A., Weiss, A. P., Ladd, A. L.
2022: 15589447221093670
- **Does healthcare system device volume correlate with price paid for spinal implants: a cross-sectional analysis of a national purchasing database.** *BMJ open*
Cahan, E., McFarlane, K., Segovia, N., Chawla, A., Wall, J., Shea, K.
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- **Femoral acetabular impingement labral pathology on MRI is correlated with greater hip flexion and decreased abduction in collegiate water polo players: A pilot study.** *Journal of ISAKOS : joint disorders & orthopaedic sports medicine*
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2022; 7 (1): 7-12
- **Clubfoot Activity and Recurrence Exercise Study (CARES).** *Journal of pediatric orthopedics*
El-Banna, G., Baskar, D., Segovia, N., Frick, S.
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- **Female gender, decreased lateral center edge angle and a positive hyperextension-external rotation test are associated with ease of hip distractibility at time of hip arthroscopy.** *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*
Curtis, D. M., Pullen, W. M., Murray, I. R., Money, A. J., Segovia, N., Safran, M. R.
2022

- **Epidemiological Study of the Discoid Meniscus: Investigating Demographic-Based Predictors in Large-Scale Claims Database** *CUREUS*
Randhawa, S. S., Tran, E. P., Segovia, N. A., Ganley, T. J., Tompkins, M., Ellis, H., Shea, K. G.
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- **Use of Bedside Entertainment and Relaxation Theater (BERT) to Reduce Fear and Anxiety Associated With Outpatient Procedures in Pediatric Orthopaedics.** *Journal of pediatric orthopedics*
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- **Influence of team composition on turnover and efficiency of total hip and knee arthroplasty.** *The bone & joint journal*
Cahan, E. M., Cousins, H. C., Steere, J. T., Segovia, N. A., Miller, M. D., Amanatullah, D. F.
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- **Rod-Screw Constructs Composed of Dissimilar Metals Do Not Affect Complication Rates in Posterior Fusion Surgery Performed for Adult Spinal Deformity.** *Clinical spine surgery*
Denduluri, S. K., Koltsov, J. C., Ziino, C. n., Segovia, N. n., McMains, C. n., Falakassa, J. n., Ratliff, J. n., Wood, K. B., Alamin, T. n., Cheng, I. n., Hu, S. S.
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- **Does the location of short-arm cast univalve effect pressure of the three-point mould?** *Journal of children's orthopaedics*
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