

Stanford



Kali Tileston

Clinical Associate Professor, Orthopaedic Surgery

 Curriculum Vitae available Online

CONTACT INFORMATION

• Alternate Contact

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Bio

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Orthopaedic Surgery
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Clinical Assistant Professor of Orthopedic Surgery, Stanford University, (2015- present)

PROFESSIONAL EDUCATION

- Fellowship, Stanford University , Pediatric Orthopaedic Surgery (2015)

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Samantha Steeman

Publications

PUBLICATIONS

- **Pediatric Orthopaedic Society of North America Fellowship in South America: Chile, Argentina, and Brazil.** *Journal of the Pediatric Orthopaedic Society of North America*
Tileston, K., Tabaie, S., Johnson, M.
2026; 14: 100297
- **Pediatric Orthopaedic Society of North America Fellowship in South America: Chile, Argentina, and Brazil** *JOURNAL OF THE PEDIATRIC ORTHOPAEDIC SOCIETY OF NORTH AMERICA*
Tileston, K., Tabaie, S., Johnson, M.
2026; 14
- **Artificial Intelligence-Based Large Language Models Can Facilitate Patient Education.** *Journal of the Pediatric Orthopaedic Society of North America*

- Bryson, X., Albarran, M., Pham, N., Salunga, A., Johnson, T., Hogue, G. D., Brooks, J. T., Tileston, K. R., Louer, C. R., El-Hawary, R., Imrie, M. N., Policy, J. F., Bouton, et al
2025; 12: 100196
- **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.
2025
 - **Smartphone-based surface topography app accurately detects clinically significant scoliosis.** *Spine deformity*
Rohde, M. S., Albarran, M., Catanzano, A. A., Sachs, E. J., Naz, H., Jobanputra, A., Ribet, J., Tileston, K., Vorhies, J. S.
2025
 - **Correction: Mobile device-based 3D scanning is superior to scoliometer in assessment of adolescent idiopathic scoliosis.** *Spine deformity*
Oquendo, Y., Hollyer, I., Maschhoff, C., Calderon, C., DeBaun, M., Langner, J., Javier, N., Bryson, X., Richey, A., Naz, H., Tileston, K., Gardner, M., Vorhies, et al
2025
 - **CORR Insights®: No Association Between Growth Hormone Therapy and Upper Extremity Physeal Tension Injuries: A Matched Case-control Study.** *Clinical orthopaedics and related research*
Tileston, K.
2024
 - **Mobile device-based 3D scanning is superior to scoliometer in assessment of adolescent idiopathic scoliosis.** *Spine deformity*
Oquendo, Y., Hollyer, I., Maschhoff, C., Calderon, C., DeBaun, M., Langner, J., Javier, N., Bryson, X., Richey, A., Naz, H., Tileston, K., Gardner, M., Vorhies, et al
2024
 - **Impact of a Daily Huddle on Safety in Perioperative Services.** *Joint Commission journal on quality and patient safety*
Tuyishime, H., Claire, R., Balakrishnan, K., Chan, H., Lam, L., Randolph, M., Stroud, J., Traber, K., Tileston, K., Shea, K.
2024
 - **Cannabidiol Use Patterns and Efficacy for Children Who Have Cerebral Palsy** *ORTHOPEDICS*
Seltzer, R. A., Langner, J. L., Javier, N. M., Kaur, J., Shafau, A., Ezeonu, T., Bryson, X., Hastings, K., Tileston, K., Vorhies, J. S.
2024; 47 (1): 52-+
 - **Temporary Flexible Rods for Correction of Severe Pediatric Spinal Deformity** *ORTHOPEDICS*
Kwong, J. W., Tileston, K. R., Kaur, J., Segovia, N. A., Imrie, M. N., Rinsky, L. A., Vorhies, J. S.
2023; 46 (4): 234-+
 - **The Influence of Race, Income, and Sex on Treatment and Complications of Common Pediatric Fractures** *ORTHOPEDICS*
Montgomery, B. K., Joseph, G., Segovia, N., Koltsov, J., Thomas, T. L., Vorhies, J. S., Tileston, K. R.
2023; 46 (3): E156-+
 - **QI/PI: POSNA Safe Surgery Program (PSSP)-First-Year Results Implementing Quality Metrics.** *Journal of the Pediatric Orthopaedic Society of North America*
Tileston, K., van Niekerk, M., Vitale, M., Cho, R., Brighton, B., Tippabhatla, A., Rohde, M., Shea, K.
2023; 5 (2): 544
 - **CORR Insights: Interpersonal Interactions and Biases in Orthopaedic Surgery Residency: Do Experiences Differ Based on Gender?** *Clinical orthopaedics and related research*
Tileston, K.
2023; 481 (2): 379-381
 - **Effectiveness of psychosocial interventions for pediatric patients with scoliosis: a systematic review** *World Journal of Pediatric Surgery*
van Niekerk, M., Richey, A., Vorhies, J., Wong, C., Tileston, K.
2023; 6 (e000513)
 - **A Step-by-Step Guide to Understanding and Conducting Quality Improvement Initiatives in Orthopaedic Surgery** *JPOSNA*
van Niekerk, M., Shea, K., Samora, J., Jones, K., Brighton, B., Pinney, S., Tileston, K.
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- **System-Level Interventions for Addressing Burnout and Improving Professional Wellness for Orthopedic Surgeons** *JPOSNA*
van Niekerk, M., Tileston, K., Bouchard, M., Atanda, A., Goldstein, R., Gantsoudes, G., Carter, C., Christino, M.
2023; 5 (1)
- **A Comprehensive Umbrella Review for Understanding Burnout in Orthopaedic Surgery** *JPOSNA*
van Niekerk, M., Tileston, K., Bouchard, M., Christino, M., Goldstein, R., Gantsoudes, G., Carter, C., Atanda, A.
2023; 5 (1)
- **Innovative technique for early-onset scoliosis casting using Jackson table.** *Spine deformity*
Montgomery, B. K., Tileston, K., Kaur, J., Kym, D., Segovia, N. A., Imrie, M., Policy, J., Rinsky, L., Vorhies, J.
2022
- **What is New in Pediatric Orthopaedic Foot and Ankle.** *Journal of pediatric orthopedics*
Tileston, K., Baskar, D., Frick, S. L.
2022; 42 (5): e448-e452
- **Letter to the editor: Improving Biopsychosocial Care for Adolescents with Scoliosis “A systematic scoping review and textual narrative synthesis of the qualitative evidence related to adolescent idiopathic scoliosis”** *International Journal of Orthopaedic and Trauma Nursing*
van Niekerk, M., Tileston, K.
2022
- **Mindset correlates with health-related quality of life assessment in patients with adolescent idiopathic scoliosis.** *Spine deformity*
Joseph, G. P., Segovia, N. A., Wright, R. C., Mueller, C., Tileston, K. R.
2020
- **CORR Insights: What Proportion of Orthopaedic Surgery Residency Programs Have Accessible Parental Leave Policies, and How Generous are They?** *Clinical orthopaedics and related research*
Tileston, K.
2020
- **Day of the Week of Surgery Affects Time to Discharge for Patients With Adolescent Idiopathic Scoliosis** *ORTHOPEDICS*
Tileston, K. R., Uzosike, M., Segovia, N., Rinsky, L. A., Imrie, M. N.
2020; 43 (1): 8–12
- **Team Approach: Complex Regional Pain Syndrome in Children and Adolescents.** *JBJS reviews*
Tileston, K. R., Griffin, A. n., Wagner, J. F., O'Day, M. N., Krane, E. J.
2020; 8 (4): e0174
- **Transepiphyseal (Type VII) Ankle Fracture Versus Os Subfibulare in Pediatric Ankle Injuries.** *Journal of pediatric orthopedics*
Sugi, M. T., Tileston, K., Krygier, J. E., Gamble, J.
2018
- **Proximal Tibial Fractures in the Pediatric Population.** *The journal of knee surgery*
Tileston, K., Frick, S.
2018
- **Pediatric Supracondylar Humerus Fractures: Does After-Hours Treatment Influence Outcomes?** *Journal of orthopaedic trauma*
Paci, G. M., Tileston, K. R., Vorhies, J. S., Bishop, J. A.
2018; 32 (6): e215–e220
- **Local versus distal transplantation of human neural stem cells following chronic spinal cord injury** *SPINE JOURNAL*
Cheng, I., Githens, M., Smith, R. L., Johnston, T. R., Park, D. Y., Stauff, M. P., Salari, N., Tileston, K. R., Kharazi, A. I.
2016; 16 (6): 764-769
- **The Inadequacy of Pediatric Fracture Care Information in Emergency Medicine and Pediatric Literature and Online Resources.** *Journal of pediatric orthopedics*
Tileston, K., Bishop, J. A.
2015; 35 (7): 769-773
- **Proximal femur shape differs between subjects with lateral and medial knee osteoarthritis and controls: the Osteoarthritis Initiative** *OSTEOARTHRITIS AND CARTILAGE*

Wise, B. L., Kritikos, L., Lynch, J. A., Liu, F., Parimi, N., Tileston, K. L., Nevitt, M. C., Lane, N. E.
2014; 22 (12): 2067-2073

- **Functional task kinematics of the thumb carpometacarpal joint.** *Clinical orthopaedics and related research*

Luker, K. R., Aguinaldo, A., Kenney, D., Cahill-Rowley, K., Ladd, A. L.
2014; 472 (4): 1123-1129

- **Active Shape Modeling of the Hip in the Prediction of Incident Hip Fracture** *JOURNAL OF BONE AND MINERAL RESEARCH*

Baker-LePain, J. C., Luker, K. R., Lynch, J. A., Parimi, N., Nevitt, M. C., Lane, N. E.
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