Stanford



Jeffrey Young

Clinical Associate Professor, Orthopaedic Surgery

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Palo Alto Orthopedics and Sports Medicine Clinic**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

CLINICAL FOCUS

- Pediatric Orthopedic Surgery

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Orthopaedic Surgery

PROFESSIONAL EDUCATION

- Fellowship: Sinai Hospital of Baltimore Dept of Orthopaedic Surgery (2011) MD
- Medical Education: Perelman School of Medicine University of Pennsylvania (2004) PA
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (2014)
- Residency: Northwestern McGaw (2009) IL
- Fellowship: Royal Children's Hospital (2010) Australia
- Fellowship, International Center for Limb Lengthening, Rubin Institute of Advanced Orthoapedics, Sinai Hospital of Baltimore , Limb Lengthening & Recon (2011)
- Fellowship, Royal Children's Hospital, Melbourne , Paediatric Orthopaedics (2010)
- Residency, Northwestern McGaw , Orthopaedics (2009)
- MD, University of Pennsylvania , Medicine (2004)
- BS, Northwestern University , Biomechanical Engineering (1999)

COMMUNITY AND INTERNATIONAL WORK

- Pediatric Orthopaedics, Tegulcigalpa, Honduras
- Pediatric Orthopaedics, Guatemala City, Guatemala
- Pediatric Orthopaedics, Port Au Prince, Haiti
- Pediatric Orthopaedics, Esteli, Nicaragua
- Pediatric Orthopaedics, Buga, Colombia
- Volunteer, Guatemala City, Guatemala

Publications

PUBLICATIONS

- **A hybrid tissue engineering construct enabling sustained BMP2 delivery outperforms a clinically used collagen sponge in large bone defect repair: A preclinical study** *BIOMEDICAL TECHNOLOGY*
  Maekawa, H., Moeinzadeh, S., Lui, E., Uno, T., Alizadeh, H., Li, J., Perez, A., Muniz, R., Kim, S., Potter, A. M., Brekhus, C., Regan, D., Koch, et al
  2026; 15

- **A bioactive intramedullary implant enables accelerated bone regeneration and early load-bearing in distraction osteogenesis.** *Acta biomaterialia*
  Uno, T., Lee, T. C., Shah, K., Chen, A. A., Lui, E., Alizadeh, H. V., Li, J., Muniz, R., Zhao, P., Pérez, A. S., Maekawa, H., Kim, S., Cherief, et al
  2026

- **An osteoinductive and biodegradable intramedullary implant accelerates bone healing and mitigates complications of bone transport in male rats.** *Nature communications*
  Lin, S., Maekawa, H., Moeinzadeh, S., Lui, E., Alizadeh, H. V., Li, J., Kim, S., Poland, M., Gadomski, B. C., Easley, J. T., Young, J., Gardner, M., Mohler, et al
  2023; 14 (1): 4455

- **Gait Analysis in Orthopaedic Surgery: History, Limitations, and Future Directions.** *The Journal of the American Academy of Orthopaedic Surgeons*
  Hecht, G. G., Van Rysselberghe, N. L., Young, J. L., Gardner, M. J.
  2022

- **Hybprinting for musculoskeletal tissue engineering.** *iScience*
  Li, J., Kim, C., Pan, C., Babian, A., Lui, E., Young, J. L., Moeinzadeh, S., Kim, S., Yang, Y. P.
  2022; 25 (5): 104229

- **Test of Strength: Figure-of-Eight versus Spiral Wrapping Technique for Fiberglass Casts.** *Cureus*
  Montgomery, B. K., Storaci, H. W., Segovia, N. A., Young, J.
  2020; 12 (4): e7843

- **Test of Strength: Figure-of-Eight versus Spiral Wrapping Technique for Fiberglass Casts** *CUREUS*
  Montgomery, B. K., Storaci, H., Segovia, N. A., Young, J.
  2020; 12 (4)

- **Kohler Disease: Avascular Necrosis in the Child.** *Foot and ankle clinics*
  Chan, J. Y., Young, J. L.
  2019; 24 (1): 83–88

- **Kohler Disease Avascular Necrosis in the Child** *FOOT AND ANKLE CLINICS*
  Chan, J. Y., Young, J. L.
  2019; 24 (1): 83-+

- **A Structured Review Instrument Improves the Quality of Orthopaedic Journal Club** *JOURNAL OF SURGICAL EDUCATION*
  Campbell, S. T., Kleimeyer, J. P., Young, J. L., Gardner, M. J., Wood, K. B., Bishop, J. A.
  2019; 76 (1): 294–300

- **Trans-metaphyseal Screws Placed in Children: An Argument for Monitoring and Potentially Removing the Implants.** *Journal of pediatric orthopedics*
  Gamble, J. G., Zino, C., Imrie, M. N., Young, J. L.
  2018

- **A Structured Review Instrument Improves the Quality of Orthopaedic Journal Club.** *Journal of surgical education*
  Campbell, S. T., Kleimeyer, J. P., Young, J. L., Gardner, M. J., Wood, K. B., Bishop, J. A.
  2018

- **Fast Comprehensive Single-Sequence Four-Dimensional Pediatric Knee MRI With T-2 Shuffling** *JOURNAL OF MAGNETIC RESONANCE IMAGING*

Bao, S., Tamir, J. I., Young, J. L., Tariq, U., Uecker, M., Lai, P., Chen, W., Lustig, M., Vasanawala, S. S.
2017; 45 (6): 1700-1711

- **Fast comprehensive single-sequence four-dimensional pediatric knee MRI with T2 shuffling.** *Journal of magnetic resonance imaging : JMRI*
  Bao, S., Tamir, J. I., Young, J. L., Tariq, U., Uecker, M., Lai, P., Chen, W., Lustig, M., Vasanawala, S. S.
  2016
- **Biomechanical and Clinical Correlates of Stance-Phase Knee Flexion in Persons With Spastic Cerebral Palsy** *PM&R*
  Rha, D., Cahill-Rowley, K., Young, J., Torburn, L., Stephenson, K., Rose, J.
  2016; 8 (1): 11-18
- **Biomechanical and Clinical Correlates of Stance-Phase Knee Flexion in Persons With Spastic Cerebral Palsy.** *PM & R : the journal of injury, function, and rehabilitation*
  Rha, D. W., Cahill-Rowley, K., Young, J., Torburn, L., Stephenson, K., Rose, J.
  2016; 8 (1): 11-8; quiz 18
- **Caput valgum associated with developmental dysplasia of the hip: management by transphyseal screw fixation.** *Journal of children's orthopaedics*
  Torode, I. P., Young, J. L.
  2015; 9 (5): 371-379
- **Biomechanical and clinical correlates of swing-phase knee flexion in individuals with spastic cerebral palsy who walk with flexed-knee gait.** *Archives of physical medicine and rehabilitation*
  Rha, D., Cahill-Rowley, K., Young, J., Torburn, L., Stephenson, K., Rose, J.
  2015; 96 (3): 511-517
- **SPINA BIFIDA** *PEDIATRIC REHABILITATION: PRINCIPLES AND PRACTICE, FIFTH EDITION*
  Pico, E. L., Wilson, P. E., Smith, K., Thomson, J., Young, J., Ettinger, D., Clayton, G. H., Sobus, K.
  edited by Alexander, M. A., Matthews, D. J.
  2015: 373–411
- **Management of the knee in spastic diplegia: what is the dose?** *Orthopedic clinics of North America*
  Young, J. L., Rodda, J., Selber, P., Rutz, E., Graham, H. K.
  2010; 41 (4): 561-577
- **Sacral stress fractures in children.** *American journal of orthopedics (Belle Mead, N.J.)*
  Mangla, J., Young, J. L., Thomas, T. O., Karaikovic, E. E.
  2009; 38 (5): 232-236
- **Infected Total Ankle Arthroplasty Following Routine Dental Procedure** *FOOT & ANKLE INTERNATIONAL*
  Young, J. L., May, M. M., Haddad, S. L.
  2009; 30 (3): 252-257
- **Remodeling of birth fractures of the humeral diaphysis** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*
  Husain, S. N., King, E. C., Young, J. L., Sarwark, J. F.
  2008; 28 (1): 10-13