



Amy Ladd, MD

Elsbach-Richards Professor of Surgery and Professor, by courtesy, of Medicine (Immunology & Rheumatology) and of Surgery (Plastic and Reconstructive Surgery) Orthopaedic Surgery

 NIH Biosketch available Online

CLINICAL OFFICE (PRIMARY)

450 Broadway St Ste A26

Pavilion A 2nd Fl MC 6120

Redwood City, CA 94063

Tel (650) 723-5643

Fax (650) 721-3420

ACADEMIC CONTACT INFORMATION

• Alternate Contact

Donna San Juan - Administrative Assistant

Email dsanjuan@stanford.edu

Tel 650-721-7626

Bio

BIO

Dr. Ladd is a fellowship-trained orthopaedic surgeon with board certification in hand surgery and orthopaedic surgery. She is the Chief of Stanford's Chase Hand & Upper Limb Center and Chief of the Children's Hand Clinic at Lucile Salter Packard Children's Hospital at Stanford.

Dr. Ladd is also the Elsbach-Richards Professor of Surgery and Professor, by courtesy, of Medicine (Immunology & Rheumatology) and Surgery (Plastic and Reconstructive Surgery), at Stanford University Medical Center.

As an experienced specialist in hand and upper extremity surgery, Dr. Ladd treats a wide range of conditions, including arthritis, carpal tunnel syndrome, Dupuytren's disease, trigger finger, fractures, sports-related injuries, and more.

Research interests of Dr. Ladd include arthritis, musculoskeletal biomechanics, and improving patient outcomes, as well as sex/gender differences in musculoskeletal conditions. She is internationally renowned for her research on base of thumb (carpometacarpal - CMC) joint osteoarthritis, a common and debilitating disease endemic in post-menopausal women. In addition, she has developed instruments for evaluating 3D upper limb kinematics, including the golf swing.

Dr. Ladd has authored or co-authored more than 175 articles throughout the spectrum of hand surgery; biomechanics of elite performance, coordinated motion, and osteoarthritis; and general orthopaedic topics. Her work has appeared in the Journal of Hand Surgery, Journal of Bone and Joint Surgery, Clinical Orthopaedics & Related Research, Hand, Journal of the American Academy of Orthopaedic Surgeons, and many more publications. In addition, she holds over 30 patents, patent applications, and trademarks for technological innovations and advances related to hand surgery, arthritis, fractures, the golf swing, and musculoskeletal health.

Among her many honors and awards, Dr. Ladd's peers named her one of the Best Doctors in America for 2 decades. She has won the Andrew Weiland award, the highest research honor for a hand surgeon, and the Emanuel B. Kaplan Excellence in Anatomy Award, both from the American Society for Surgery of the Hand. She has also won the Nicolas Andry Award for "significant contribution to musculoskeletal research" from the Association of Bone and Joint Surgeons, and the Distinguished Clinician Educator award from the American Orthopaedic Association.

Dr. Ladd is a former board member of the American Academy of Orthopedic Surgeons and Chair of the academy's Board of Specialties, and is the president-elect of the Association of Bone and Joint Surgeons. As part of an initiative of the US Department of the Interior, she has provided volunteer services to the population of the Navajo Nation in Chinle, AZ. She also has delivered volunteer surgical care for children with hand conditions in Vietnam.

CLINICAL FOCUS

- Hand Surgery
- Hand and Upper Extremity Surgery
- Orthopedic Surgery
- Pediatric & congenital hand surgery

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Orthopaedic Surgery
- Professor - University Medical Line (By courtesy), Medicine - Immunology & Rheumatology
- Professor - University Medical Line (By courtesy), Surgery - Plastic & Reconstructive Surgery
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Chief, Hand and Upper Extremity Section, Department of Surgery, Palo Alto VA Medical Center, Palo Alto, CA, (1990-1998)
- Head of Outreach, SUMMIT (Stanford University Medical Media Information Technologies), (2001-2004)
- Chief of the Children's Hand Clinic, Lucile Salter Packard Children's Hospital at Stanford, (1991- present)
- Chief of Chase Hand & Upper Limb Center, Stanford University School of Medicine, (2005- present)
- Professor - Med Center Line (by courtesy), Plastic/Reconstructive Surgery, (2005- present)
- Assistant Dean for Student Advising, Stanford University School of Medicine, (2013- present)
- Vice-Chair, Academic Affairs, Department of Orthopaedic Surgery, (2014- present)

HONORS AND AWARDS

- Distinguished Clinician Educator Award, American Orthopaedic Association (2023)
- Andrew J. Weiland Medal, American Society for Surgery of the Hand (2017)
- Nicolas Andry Award: "significant contribution to musculoskeletal research", Association of Bone and Joint Surgeons (2014)
- Compere Award, Outstanding Scientific Paper, Twentieth Century Orthopaedic Association (2012)
- Emanuel B. Kaplan Excellence in Anatomy Award, American Society for Surgery of the Hand (2012)
- Career Development Award, OREF/RJOS/DePuy (2010)
- Dean's Award for Distinguished Teaching, Stanford University (2010)
- Best Doctors in America database, Selected by peers (2007-2013)
- Iris Litt Fund, Institute for Women & Gender at Stanford (2004)
- Poster Exhibit Award, Best Scientific Content Honorable Mention, American Society for Surgery of the Hand Annual Meeting (2003)
- Sterling Bunnell Traveling Fellowship, American Society for Surgery of the Hand (2000-2001)
- Outstanding Faculty Physician Award, Cowell Student Health Center, Stanford University (1998)
- Woman of Achievements award, San Jose Mercury News & Women's Fund (1997)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board member, American Academy of Orthopedic Surgeons (2016 - present)
- Chair, Board of Specialties, American Academy of Orthopedic Surgeons (2018 - present)
- Secretary, Board of Specialties, American Academy of Orthopedic Surgeons (2016 - 2017)
- Chair-elect, Board of Specialties, American Academy of Orthopedic Surgeons (2017 - 2018)
- President, Ruth Jackson Orthopaedic Society (2013 - 2014)
- Board Member, Perry Outreach Initiative (2013 - present)
- Board Member, California Orthopaedic Association (2009 - 2013)

PROFESSIONAL EDUCATION

- Fellowship: Brigham and Women's Hospital Orthopaedic Surgery Programs (1990) MA
- Residency: University of Rochester Medical Center (1989) NY
- Internship: Pacific Medical Center Seattle (1986) WA
- Board Certification: Hand Surgery, American Board of Orthopaedic Surgery (1994)
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (1992)
- Medical Education: SUNY Upstate Medical University (1984) NY
- AB, Dartmouth College , History (1980)
- MD, SUNY Upstate Medical University , Medicine (1984)

COMMUNITY AND INTERNATIONAL WORK

- Chinle Navajo Reservation, Chinle, AZ
- Interplast, Vietnam

PATENTS

- APC Weiss, AL Ladd, R Fiebiger, GB Hulme, JJ Christian. "United States Patent US2017/0231674 A1 Wedge Shaped Fracture Fixation Devices and Methods for Using the Same", Stryker, Inc, Aug 17, 2017
- J Rose, DW Meister, AL Ladd, KM Steele. "United States Patent 2014/0257538 Methods for analyzing and providing feedback for improved power generation in a golf swing", Leland Stanford Junior University, Apr 1, 2017
- Amy Ladd. "United States Patent Registered Trademark No. 5,129,413, Serial number 86270352, Int. Cl 14, 25, 35,36 Design of Looped Ribbon for bone health awareness", Amy Ladd, Jan 24, 2017
- Amy Ladd. "United States Patent TM 86/270,352 Bone Ribbon Graphic, bone health awareness", Amy Ladd, Dec 9, 2014
- Amy Ladd. "United States Patent 20130211522 Wedge Shaped Fracture Fixation Devices and Methods for Using the Same", APC Weiss, AL Ladd, R Fiebiger, GB Hulme, JJ Christian, Aug 15, 2013
- J Rose, DW Meister, AL Ladd, KM Steele. "United States Patent 8696450 Methods for analyzing and providing feedback for improved power generation in a golf swing", Leland Stanford Junior University, Jul 27, 2012
- AL Ladd, APC Weiss, GB Hulme, M Thompson, JJ Christian. "United States Patent 20120035666 Reduced Bone Fracture Fixation Device", AL Ladd, APC Weiss, GB Hulme, M Thompson, JJ Christian, Feb 9, 2011
- Amy Ladd. "United States Patent 20100217391 Tensioning Bone Implant Device", Amy Ladd, Nov 1, 2009

LINKS

- Stanford Hand Surgery: <http://handsurgery.stanford.edu/>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

1. The kinematics and forces associated with thumb carpometacarpal (CMC) function and pathology: current RO1 NIH grant evaluating the thumb position for normal functional tasks as determined with CT scans. The study evaluates normal subjects, and subjects with early arthritis over a 3 year period. Several related studies are underway.
2. The anatomy, microstructure, and immunofluorescent characteristics of the thumb CMC joint: The ligaments of the thumb CMC joint are purportedly looser in women, and wear out in arthritis. Our studies to date do not fully support this concept, and we approach further study through a variety of quantitative techniques. These include anatomical dissection, histomorphometric analysis, immunofluorescent staining to determine proprioceptive mechanoreceptors, and the histology and micro-CT analysis of trabecular wear.
3. Pathomechanics of CMC arthritis: biomechanical wear, injury, genetic, and environmental causes: A variety of studies, including biomechanical testing, demographic analysis, and co-institutional study is underway.
4. Biomechanics of the golf swing: deciphering and "indexing" coordinated, elite performance related to the golf swing and putting stroke, with a goal of remote monitoring with IMUs (inertial measurement units). Understanding coordinated movement informs understanding movement disorders such as arthritis and spasticity. An ultimate goal is applying remote sensing to remote patient monitoring (RPM) as a tool for rehabilitation.
5. Archiving, vitalizing, and innovating medical and surgical knowledge, most recently with innovative iBook monographs: a thumb CMC arthritis iBook and Anatomy iBook for patient education will be published in 2013, and the next iBook planned is congenital anomalies of the hand.

CLINICAL TRIALS

- Pain Relief After Trapeziectomy: Ibuprofen & Acetaminophen Versus Oxycodone, Recruiting

PROJECTS

- Thumb carpometacarpal (CMC) Arthritis

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Meilin Dong, Kristin Halvorsen

Postdoctoral Faculty Sponsor

Sung Eun Kim

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Hand Surgery (Fellowship Program)

Publications

PUBLICATIONS

- **Validation of Inertial Measurement Units for Analyzing Golf Swing Rotational Biomechanics.** *Sensors (Basel, Switzerland)*
Kim, S. E., Burket Koltsov, J. C., Richards, A. W., Zhou, J., Schadl, K., Ladd, A. L., Rose, J.

2023; 23 (20)

- **Reply to Letter to the Editor: Increased Prevalence of Breast and All-cause Cancer in Female Orthopaedic Surgeons.** *Journal of the American Academy of Orthopaedic Surgeons. Global research & reviews*
Chou, L. B., Johnson, B., Shapiro, L. M., Pun, S., Cannada, L. K., Chen, A. F., Valone, L. C., Van Nortwick, S. S., Ladd, A. L., Finlay, A. K.
2023; 7 (9)
- **A review of wear debris in thumb base joint implants.** *European journal of orthopaedic surgery & traumatology : orthopedie traumatologie*
Mangan, F., Spece, H., Weiss, A. C., Ladd, A. L., Stockmans, F., Kurtz, S. M.
2023
- **Dorsal Subluxation of the First Metacarpal During Thumb Flexion is an Indicator of Carpometacarpal Osteoarthritis Progression.** *Clinical orthopaedics and related research*
Morton, A. M., Moore, D. C., Ladd, A. L., Weiss, A. C., Molino, J., Crisco, J. J.
2023
- **Helping Surgeons' Hands: A Biomechanical Evaluation of Ergonomic Instruments.** *The Journal of hand surgery*
Putnam, J. G., Kerkhof, F. D., Shah, K., Richards, A. W., Ladd, A.
2023
- **Potential biomechanical risk factors on developing lead knee osteoarthritis in the golf swing.** *Scientific reports*
Kim, S. E., Pham, N. S., Park, J. H., Ladd, A., Lee, J.
2022; 12 (1): 22653
- **The swing performance Index: Developing a single-score index of golf swing rotational biomechanics quantified with 3D kinematics.** *Frontiers in sports and active living*
Zhou, J. Y., Richards, A., Schadl, K., Ladd, A., Rose, J.
2022; 4: 986281
- **The biomechanics of osteoarthritis in the hand: Implications and prospects for hand therapy.** *Journal of hand therapy : official journal of the American Society of Hand Therapists*
Kerkhof, F., Kenney, D., Ogle, M., Shelby, T., Ladd, A.
2022
- **Using a finite element model of the thumb to study Trapeziometacarpal joint contact during lateral pinch.** *Clinical biomechanics (Bristol, Avon)*
Dong, M., Kerkhof, F., Deleu, G., Vereecke, E., Ladd, A.
2022; 101: 105852
- **The Environmental Impact of Orthopaedic Surgery.** *The Journal of bone and joint surgery. American volume*
Saleh, J. R., Mitchell, A., Kha, S. T., Outterson, R., Choi, A., Allen, L., Chang, T., Ladd, A. L., Goodman, S. B., Fox, P., Chou, L.
2022
- **Bone morphological changes of the trapezium and first metacarpal with early thumb osteoarthritis progression.** *Clinical biomechanics (Bristol, Avon)*
Morton, A. M., Peipert, L. J., Moore, D. C., Ladd, A. L., Weiss, A. C., Molino, J., Crisco, J. J.
2022; 100: 105791
- **The Role of the Flexor Carpi Radialis Groove in Trapeziometacarpal Osteoarthritis.** *Hand (New York, N.Y.)*
Mitchell, A. R., Kerkhof, F. D., Wadhwa, H., Ladd, A. L.
2022: 15589447221120844
- **A Shared Genetic Architecture Between Adhesive Capsulitis and Dupuytren's Disease.** *Journal of shoulder and elbow surgery*
Kim, S. K., Khan, C., Ladd, A. L., Tashjian, R. Z.
2022
- **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
- **Evaluation of the PROMIS Upper Extremity Against Validated Patient-Reported Outcomes in Patients with Early Carpometacarpal Osteoarthritis.** *The Journal of hand surgery*
Garcia-Lopez, E., Moore, D. C., Kenney, D. E., Ladd, A. L., Weiss, A. C., Crisco, J. J.

2022

- **Increased Prevalence of Breast and All-cause Cancer in Female Orthopaedic Surgeons** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS GLOBAL RESEARCH AND REVIEWS*
Chou, L. B., Johnson, B., Shapiro, L. M., Pun, S., Cannada, L. K., Chen, A. F., Valone, L. C., Van Nortwick, S. S., Ladd, A. L., Finlay, A. K.
2022; 6 (5)
- **Increased Prevalence of Breast and All-cause Cancer in Female Orthopaedic Surgeons.** *Journal of the American Academy of Orthopaedic Surgeons. Global research & reviews*
Chou, L. B., Johnson, B., Shapiro, L. M., Pun, S., Cannada, L. K., Chen, A. F., Valone, L. C., Van Nortwick, S. S., Ladd, A. L., Finlay, A. K.
2022; 6 (5)
- **Adhesive Taping Shows Better Cosmetic Outcomes Than Tissue Adhesives for Sutured Upper Extremity Incisions: A Single-Blind Prospective Randomized Controlled Trial** *ORTHOPEDICS*
Mcquillan, T. J., Vora, M., Hawkins, J., Kenney, D., Diaz, R., Ladd, A. L.
2022; 45 (1): E42-E46
- **Ultrasound of Thumb Muscles and Grasp Strength in Early Thumb Carpometacarpal Osteoarthritis.** *The Journal of hand surgery*
Lai, C., Kenney, D., Kerkhof, F., Finlay, A., Ladd, A., Roh, E.
2021
- **Representation of Male and Female Orthopedic Surgeons in Specialty Societies** *ORTHOPEDICS*
Attia, A. C., Brown, S. M., Ladd, A. L., Mulcahey, M. K.
2021; 44 (5): 289+
- **Musculoskeletal Education in Medical Schools: a Survey in California and Review of Literature.** *Medical science educator*
Wang, T., Xiong, G., Lu, L., Bernstein, J., Ladd, A.
2021; 31 (1): 131-136
- **Musculoskeletal Education in Medical Schools: a Survey in California and Review of Literature** *MEDICAL SCIENCE EDUCATOR*
Wang, T., Xiong, G., Lu, L., Bernstein, J., Ladd, A.
2021; 31 (1): 131-36
- **ASSH 75 Years: An Update of Progress Over the Past 25 Years.** *The Journal of hand surgery*
Abzug, J. M., Bednar, J. M., Ezaki, M., Hammert, W., Jain, S. A., Kozin, S. H., Ladd, A. L., Nagle, D. J.
2020; 45 (11): 1070-81
- **Radiographic Progression of Thumb CMC Osteoarthritis: A Systematic Review.** *Journal of hand surgery global online*
Shapiro, L. M., McQuillan, T. J., Kerkhof, F. D., Ladd, A.
2020; 2 (6): 343-348
- **Letter to the Editor: Art in Science: The 'Pygmy' Chair and the Tenodesis Effect.** *Clinical orthopaedics and related research*
Kwong, J. W., Ladd, A. L.
2020
- **Rotational stability of scaphoid waist non-union bone graft and fixation techniques.** *The Journal of hand surgery*
Gire, J. D., Thio, T., Behn, A. W., Kamal, R. N., Ladd, A. L.
2020
- **Single Assessment Numeric Evaluation (SANE) in Hand Surgery: Does a One-Question Outcome Instrument Compare Favorably?** *The Journal of hand surgery*
Gire, J. D., Koltsov, J. C., Segovia, N. A., Kenney, D. E., Yao, J., Ladd, A. L.
2020
- **An Anatomical Evaluation of the Trapezium and Its Relationship to Basilar Joint Osteophytic Change.** *Hand (New York, N.Y.)*
Flanagan, C. D., Tamer, P. n., Cooperman, D. R., Crisco, J. J., Ladd, A. L., Liu, R. W.
2020: 1558944720946490
- **The Association of AUSCAN and PRWHE Patient-reported Outcome Measures With Radiographic Progression of Early Thumb Carpometacarpal Arthritis at 36-Month Follow-up Is Limited to Subtle Changes in the Pain Subscale.** *Hand (New York, N.Y.)*
Gil, J. A., Kleiner, J. n., McQuillan, T. J., Kenney, D. n., Ladd, A. L., Weiss, A. C., Crisco, J. J.

2020: 1558944720928489

- **Patient Willingness to Pay for Faster Return to Work or Smaller Incisions.** *Hand (New York, N.Y.)*
Alokzai, A., Lindsay, S. E., Eppler, S. L., Fox, P. M., Ladd, A. L., Kamal, R. N.
2019: 1558944719890039
- **Automatic segmentation of the thumb trapeziometacarpal joint using parametric statistical shape modelling and random forest regression voting.** *Computer methods in biomechanics and biomedical engineering. Imaging & visualization*
Schneider, M. T., Zhang, J., Crisco, J. J., Weiss, A. C., Ladd, A. L., Nielsen, P. M., Besier, T.
2019; 7 (3): 297-301
- **Osteophyte Growth in Early Thumb Carpometacarpal Osteoarthritis.** *Osteoarthritis and cartilage*
Crisco, J. J., Morton, A. M., Moore, D. C., Kahan, L. G., Ladd, A. L., Weiss, A. C.
2019
- **Histopathological analysis of the synovium in trapeziometacarpal osteoarthritis.** *The Journal of hand surgery, European volume*
Rein, S., Okogbaa, J., Hagert, E., Manthey, S., Ladd, A.
2019: 1753193419848600
- **The Orthopaedic Workforce Is Not as Diverse as the Population It Serves: Where Are the Minorities and the Women? AOA Critical Issues Symposium** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Harrington, M. A., Rankin, E., Ladd, A. L., Mason, B. S.
2019; 101 (8)
- **Automatic segmentation of the thumb trapeziometacarpal joint using parametric statistical shape modelling and random forest regression voting** *COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING-IMAGING AND VISUALIZATION*
Schneider, M. Y., Zhang, J., Crisco, J. J., Weiss, A. C., Ladd, A. L., Nielsen, P. F., Besier, T.
2019; 7 (3): 297-301
- **Golf Swing Rotational Velocity: The Essential Follow-Through** *ANNALS OF REHABILITATION MEDICINE-ARM*
Steele, K. M., Roh, E. Y., Mahtani, G., Meister, D. W., Ladd, A. L., Rose, J.
2018; 42 (5): 713-21
- **Golf Swing Rotational Velocity: The Essential Follow-Through.** *Annals of rehabilitation medicine*
Steele, K. M., Roh, E. Y., Mahtani, G., Meister, D. W., Ladd, A. L., Rose, J.
2018; 42 (5): 713-21
- **Bennett Fractures: A Biomechanical Model and Relevant Ligamentous Anatomy.** *The Journal of hand surgery*
Kang, J. R., Behn, A. W., Messana, J., Ladd, A. L.
2018
- **Therapy Concepts for the Proximal Interphalangeal Joint** *HAND CLINICS*
Douglass, N. P., Ladd, A. L.
2018; 34 (2): 289-+
- **The Teleology of the Thumb: On Purpose and Design** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Ladd, A. L.
2018; 43 (3): 248-59
- **Polydactyly of the Hand.** *The Journal of the American Academy of Orthopaedic Surgeons*
Comer, G. C., Potter, M., Ladd, A. L.
2018; 26 (3): 75-82
- **Polydactyly of the Hand** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*
Comer, G. C., Potter, M., Ladd, A. L.
2018; 26 (3): 75-82
- **Trapeziometacarpal joint contact varies between men and women during three isometric functional tasks** *MEDICAL ENGINEERING & PHYSICS*
Schneider, M. Y., Zhang, J., Crisco, J. J., Weiss, A. C., Ladd, A. L., Mithraratne, K., Nielsen, P., Besier, T.
2017; 50: 43-49

- **CORR Insights (R): What Demographic and Clinical Characteristics Correlate With Expectations With Trapeziometacarpal Arthritis?** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.
2017; 475 (11): 2712–15
- **Candidate Quality Measures for Hand Surgery** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Kamal, R. N., Akelman, E., Ruch, D. S., Richard, M. J., Ladd, A., Got, C., Blazar, P., Yao, J., Kakar, S., Harris, A. S., Ring, D., Hand Surg Quality Consortium
2017; 42 (11): 859+
- **Incidence of Acute Complications Following Surgery for Syndactyly and Polydactyly: An Analysis of the National Surgical Quality Improvement Program Database from 2012 to 2014** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
McQuillan, T. J., Hawkins, J. E., Ladd, A. L.
2017; 42 (9)
- **Integrating Musculoskeletal Education and Patient Care at Medical Student-Run Free Clinics.** *PM & R : the journal of injury, function, and rehabilitation*
McQuillan, T., Wilcox-Fogel, N., Kraus, E., Ladd, A., Fredericson, M.
2017
- **Reduction in Cylindrical Grasp Strength Is Associated With Early Thumb Carpometacarpal Osteoarthritis** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Coughlan, M. J., Bourdillon, A., Crisco, J. J., Kenney, D., Weiss, A., Ladd, A. L.
2017; 475 (2): 522-528
- **Incidence of Acute Complications Following Surgery for Syndactyly and Polydactyly: An Analysis of the National Surgical Quality Improvement Program Database from 2012 to 2014.** *The Journal of hand surgery*
McQuillan, T. J., Hawkins, J. E., Ladd, A. L.
2017; 42 (9): 749.e1–749.e7
- **The AUSCAN and PRWHE Demonstrate Comparable Internal Consistency and Validity in Patients With Early Thumb Carpometacarpal Osteoarthritis.** *Hand (New York, N.Y.)*
McQuillan, T. J., Vora, M. M., Kenney, D. E., Crisco, J. J., Weiss, A. C., Ebert, K. A., Snelgrove, K. E., Sarnowski, A. n., Ladd, A. L.
2017: 1558944717729217
- **Changes in Local Bone Density in Early Thumb Carpometacarpal Joint Osteoarthritis.** *The Journal of hand surgery*
Schreiber, J. J., McQuillan, T. J., Halilaj, E. n., Crisco, J. J., Weiss, A. P., Patel, T. n., Kenney, D. n., Ladd, A. L.
2017
- **Reduction in Cylindrical Grasp Strength Is Associated With Early Thumb Carpometacarpal Osteoarthritis.** *Clinical orthopaedics and related research*
Coughlan, M. J., Bourdillon, A., Crisco, J. J., Kenney, D., Weiss, A., Ladd, A. L.
2016: -?
- **Quality Measures That Address the Upper Limb** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Kamal, R. N., Ring, D., Akelman, E., Ruch, D. S., Richard, M. J., Ladd, A., Got, C., Blazar, P., Yao, J., Kakar, S.
2016; 41 (11): 1041-1048
- **Pearls: Snakes in the Grass and Other Surgical Gems** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.
2016; 474 (11): 2357–58
- **The Perry Initiative's Medical Student Outreach Program Recruits Women Into Orthopaedic Residency** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Lattanza, L. L., Meszaros-Dearolf, L., O'Connor, M. I., Ladd, A., Bucha, A., Trauth-Nare, A., Buckley, J. M.
2016; 474 (9): 1962-1966
- **Gendered Innovations in Orthopaedic Science: Hollywood and Orthopaedics: Through the Glass Ceiling-Darkly** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.
2016; 474 (6): 1379-1382
- **Quality Measurement: A Primer for Hand Surgeons** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Kamal, R. N., Kakar, S., Ruch, D., Richard, M. J., Akelman, E., Got, C., Blazar, P., Ladd, A., Yao, J., Ring, D.

2016; 41 (5): 645-651

- **A Unified Approach to Outcomes Assessment for Distal Radius Fractures** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Waljee, J. F., Ladd, A., MacDermid, J. C., Rozental, T. D., Wolfe, S. W.
2016; 41 (4): 565-573
- **Quality Measures in Upper Limb Surgery.** *journal of bone and joint surgery. American volume*
Kamal, R. N., Ring, D., Akelman, E., Yao, J., Ruch, D. S., Richard, M., Ladd, A., Got, C., Blazar, P., Kakar, S.
2016; 98 (6): 505-510
- **Weaker Functional Pinch Strength Is Associated With Early Thumb Carpometacarpal Osteoarthritis** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
McQuillan, T. J., Kenney, D., Crisco, J. J., Weiss, A., Ladd, A. L.
2016; 474 (2): 557-561
- **Gendered Innovations in Orthopaedic Science: Sex, Lies, and Stereotype: In Praise of the Systematic Review** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.
2016; 474 (1): 27-30
- **Early osteoarthritis of the trapeziometacarpal joint is not associated with joint instability during typical isometric loading.** *Journal of orthopaedic research*
Halilaj, E., Moore, D. C., Patel, T. K., Ladd, A. L., Weiss, A. C., Crisco, J. J.
2015; 33 (11): 1639-1645
- **Altered Innervation Pattern in Ligaments of Patients with Basal Thumb Arthritis.** *Journal of wrist surgery*
Ludwig, C. A., Mobargha, N., Okogbaa, J., Hagert, E., Ladd, A. L.
2015; 4 (4): 284-291
- **Older asymptomatic women exhibit patterns of thumb carpometacarpal joint space narrowing that precede changes associated with early osteoarthritis.** *Journal of biomechanics*
Halilaj, E., Moore, D. C., Patel, T. K., Laidlaw, D. H., Ladd, A. L., Weiss, A. C., Crisco, J. J.
2015; 48 (13): 3643-3649
- **Older asymptomatic women exhibit patterns of thumb carpometacarpal joint space narrowing that precede changes associated with early osteoarthritis** *JOURNAL OF BIOMECHANICS*
Halilaj, E., Moore, D. C., Patel, T. K., Laidlaw, D. H., Ladd, A. L., Weiss, A. C., Crisco, J. J.
2015; 48 (13): 3634-3640
- **Men and women have similarly shaped carpometacarpal joint bones** *JOURNAL OF BIOMECHANICS*
Schneider, M. T., Zhang, J., Crisco, J. J., Weiss, A. P., Ladd, A. L., Nielsen, P., Besier, T.
2015; 48 (12): 3420-3426
- **Denosumab, a Potential Alternative to the Surgical Treatment of Distal Radius Giant Cell Tumor of Bone: Case Report.** *journal of hand surgery*
Park, M. J., Ganjoo, K. N., Ladd, A. L.
2015; 40 (8): 1620-1624
- **Gendered Innovations in Orthopaedic Science: Women (and Men) Who Rock** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.
2015; 473 (8): 2460-63
- **In vivo recruitment patterns in the anterior oblique and dorsoradial ligaments of the first carpometacarpal joint** *JOURNAL OF BIOMECHANICS*
Halilaj, E., Rainbow, M. J., Moore, D. C., Laidlaw, D. H., Weiss, A. C., Ladd, A. L., Crisco, J. J.
2015; 48 (10): 1893-1898
- **Male and Female Differences in Musculoskeletal Disease** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*
Wolf, J. M., Cannada, L., Van Heest, A. E., O'Connor, M. I., Ladd, A. L.
2015; 23 (6): 339-347
- **Management of complications of congenital hand disorders.** *Hand clinics*
Comer, G. C., Ladd, A. L.
2015; 31 (2): 361-375

- **Management of Complications of Congenital Hand Disorders** *HAND CLINICS*
Comer, G. C., Ladd, A. L.
2015; 31 (2): 361-?
- **Gendered Innovations in Orthopaedic Science: Civil Liberties, Darwin, and the Evolution of Science** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.
2015; 473 (5): 1560-1565
- **In vivo recruitment patterns in the anterior oblique and dorsoradial ligaments of the first carpometacarpal joint.** *Journal of biomechanics*
Halilaj, E., Rainbow, M. J., Moore, D. C., Laidlaw, D. H., Weiss, A. C., Ladd, A. L., Crisco, J. J.
2015
- **Correlation of clinical disease severity to radiographic thumb osteoarthritis index.** *journal of hand surgery*
Ladd, A. L., Messana, J. M., Berger, A. J., Weiss, A. C.
2015; 40 (3): 474-482
- **In Vivo kinematics of the trapeziometacarpal joint during thumb extension-flexion and abduction-adduction.** *journal of hand surgery*
Crisco, J. J., Halilaj, E., Moore, D. C., Patel, T., Weiss, A. C., Ladd, A. L.
2015; 40 (2): 289-296
- **A comprehensive overview of osteoporotic fracture treatment.** *Instructional course lectures*
Wolf, J. M., Cannada, L. K., Lane, J. M., Sawyer, A. J., Ladd, A. L.
2015; 64: 25-36
- **The 2014 ABJS Nicolas Andry Award: The Puzzle of the Thumb: Mobility, Stability, and Demands in Opposition** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L., Crisco, J. J., Hagert, E., Rose, J., Weiss, A. C.
2014; 472 (12): 3605-3622
- **The 2014 ABJS Nicolas Andry Award: The puzzle of the thumb: mobility, stability, and demands in opposition.** *Clinical orthopaedics and related research*
Ladd, A. L., Crisco, J. J., Hagert, E., Rose, J., Weiss, A. C.
2014; 472 (12): 3605-3622
- **Gendered Innovations in Orthopaedic Science: From Access to Zygote: A Gender and Orthopaedics Lexicon** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.
2014; 472 (12): 3629-3631
- **Editor's Spotlight/Take 5: The 2014 ABJS Nicolas Andry Award: The Puzzle of the Thumb: Mobility, Stability, and Demands in Opposition** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Leopold, S. S.
2014; 472 (12): 3601-3604
- **Thumb Carpometacarpal Ligaments Inside and Out: A Comparative Study of Arthroscopic and Gross Anatomy from the Robert A. Chase Hand and Upper Limb Center at Stanford University (vol 2, Pg 55, 2014)** *JOURNAL OF WRIST SURGERY*
Zhang, A. Y., Van Nortwick, S., Hagert, E., Yao, J., Ladd, A. L.
2014; 3 (4): E1
- **Gendered Innovations in Orthopaedic Science: Title IX Education: Book Learnin' and Bone Mendin'.** *Clinical orthopaedics and related research*
Ladd, A. L.
2014; 472 (9): 2586-2589
- **The morphology of the thumb carpometacarpal joint does not differ between men and women, but changes with aging and early osteoarthritis.** *Journal of biomechanics*
Halilaj, E., Moore, D. C., Laidlaw, D. H., Got, C. J., Weiss, A. C., Ladd, A. L., Crisco, J. J.
2014; 47 (11): 2709-2714
- **The Sports Bra, the ACL, and Title IX - The Game in Play** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L.

-
- 2014; 472 (6): 1681-1684
- **Editorial comment: symposium: thumb carpometacarpal arthritis.** *Clinical orthopaedics and related research*
Ladd, A. L.
2014; 472 (4): 1093-1094
 - **In Vivo Kinematics of the Thumb Carpometacarpal Joint During Three Isometric Functional Tasks** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Halilaj, E., Rainbow, M. J., Got, C., Schwartz, J. B., Moore, D. C., Weiss, A. C., Ladd, A. L., Crisco, J. J.
2014; 472 (4): 1114-1122
 - **Intra- and interobserver reliability of the eaton classification for trapeziometacarpal arthritis: a systematic review.** *Clinical orthopaedics and related research*
Berger, A. J., Momeni, A., Ladd, A. L.
2014; 472 (4): 1155-1159
 - **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
 - **Ultrastructure and Innervation of Thumb Carpometacarpal Ligaments in Surgical Patients With Osteoarthritis** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Mobargha, N., Ludwig, C., Ladd, A. L., Hagert, E.
2014; 472 (4): 1146-1154
 - **Guest Editorial : The Robert's View: A Historical and Clinical Perspective.** *Clinical orthopaedics and related research*
Ladd, A. L.
2014; 472 (4): 1097-1100
 - **Let's Talk About Sex, Baby: Gendered Innovations in Orthopaedic Science.** *Clinical orthopaedics and related research*
Ladd, A. L.
2014; 472 (3): 793-795
 - **Recommendation for measuring clinical outcome in distal radius fractures: a core set of domains for standardized reporting in clinical practice and research** *ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY*
Goldhahn, J., Beaton, D., Ladd, A., MacDermid, J., Hoang-Kim, A.
2014; 134 (2): 197-205
 - **Thumb carpometacarpal joint congruence during functional tasks and thumb range-of-motion activities.** *Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference*
Halilaj, E., Moore, D. C., Patel, T. K., Laidlaw, D. H., Ladd, A. L., Weiss, A. C., Crisco, J. J.
2014; 2014: 4354-4357
 - **Trapezial topography in thumb carpometacarpal arthritis.** *Journal of wrist surgery*
Van Nortwick, S., Berger, A., Cheng, R., Lee, J., Ladd, A. L.
2013; 2 (3): 263-270
 - **How Surgeons Make Decisions When the Evidence Is Inconclusive** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Hageman, M. S., Guitton, T. G., Ring, D., Sci Variation Grp
2013; 38A (6): 1202-1208
 - **Trapezium trabecular morphology in carpometacarpal arthritis.** *journal of hand surgery*
Lee, A. T., Williams, A. A., Lee, J., Cheng, R., Lindsey, D. P., Ladd, A. L.
2013; 38 (2): 309-315
 - **Trapezium Trabecular Morphology in Carpometacarpal Arthritis** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Lee, A. T., Williams, A. A., Lee, J., Cheng, R., Lindsey, D. P., Ladd, A. L.
2013; 38A (2): 309-315
 - **Thumb carpometacarpal ligaments inside and out: a comparative study of arthroscopic and gross anatomy from the robert a. Chase hand and upper limb center at stanford university.** *Journal of wrist surgery*

- Zhang, A. Y., Van Nortwick, S., Hagert, E., Ladd, A. L.
2013; 2 (1): 55-62
- **The scaphoid.** *Orthopedic clinics of North America*
Sendher, R., Ladd, A. L.
2013; 44 (1): 107-120
 - **The thumb carpometacarpal joint: anatomy, hormones, and biomechanics.** *Instructional course lectures*
Ladd, A. L., Weiss, A. C., Crisco, J. J., Hagert, E., Wolf, J. M., Glickel, S. Z., Yao, J.
2013; 62: 165-179
 - **Hand Made/Hand in Art: Hands in Repose** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Ladd, A. L.
2012; 37A (10): 2136-2136
 - **Macroscopic and microscopic analysis of the thumb carpometacarpal ligaments: a cadaveric study of ligament anatomy and histology.** *journal of bone and joint surgery. American volume*
Ladd, A. L., Lee, J., Hagert, E.
2012; 94 (16): 1468-1477
 - **Macroscopic and Microscopic Analysis of the Thumb Carpometacarpal Ligaments A Cadaveric Study of Ligament Anatomy and Histology** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Ladd, A. L., Lee, J., Hagert, E.
2012; 94A (16): 1468-1477
 - **Titanium integration with bone, welding, and screw head destruction complicating hardware removal of the distal radius: report of 2 cases.** *journal of hand surgery*
Van Nortwick, S. S., Yao, J., Ladd, A. L.
2012; 37 (7): 1388-1392
 - **Training Improves Interobserver Reliability for the Diagnosis of Scaphoid Fracture Displacement** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Buijze, G. A., Guitton, T. G., van Dijk, C., Ring, D., Sci Variation Grp
2012; 470 (7): 2029-2034
 - **Titanium Integration With Bone, Welding, and Screw Head Destruction Complicating Hardware Removal of the Distal Radius: Report of 2 Cases** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Van Nortwick, S. S., Yao, J., Ladd, A. L.
2012; 37A (7): 1388-1392
 - **Innervation Patterns of Thumb Trapeziometacarpal Joint Ligaments** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Hagert, E., Lee, J., Ladd, A. L.
2012; 37A (4): 706-714
 - **Innervation patterns of thumb trapeziometacarpal joint ligaments.** *journal of hand surgery*
Hagert, E., Lee, J., Ladd, A. L.
2012; 37 (4): 706-714 e1
 - **RECOMMENDATION FOR MEASURING CLINICAL OUTCOME IN DISTAL RADIUS FRACTURES** *IOF-ECCEO European Congress on Osteoporosis and Osteoarthritis / 2nd IOF-ESCEO Pre-Clinical Symposium*
Goldhahn, J., Beaton, D., Ladd, A., MacDermid, J., Hoang-Kim, A.
SPRINGER LONDON LTD.2012: S341-S341
 - **Immunofluorescent Triple-Staining Technique to Identify Sensory Nerve Endings in Human Thumb Ligaments** *CELLS TISSUES ORGANS*
Lee, J., Ladd, A., Hagert, E.
2012; 195 (5): 456-464
 - **Interobserver reliability of radial head fracture classification: two-dimensional compared with three-dimensional CT.** *journal of bone and joint surgery. American volume*
Guitton, T. G., Ring, D.
2011; 93 (21): 2015-2021

- **Rotational Biomechanics of the Elite Golf Swing: Benchmarks for Amateurs** *JOURNAL OF APPLIED BIOMECHANICS*
Meister, D. W., Ladd, A. L., Butler, E. E., Zhao, B., Rogers, A. P., Ray, C. J., Rose, J.
2011; 27 (3): 242-251
- **Measuring wrist and hand function: Common scales and checklists** *INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED*
Hoang-Kim, A., Pegreff, F., Moroni, A., Ladd, A.
2011; 42 (3): 253-258
- **Temporal-spatial parameters of the upper limb during a Reach & Grasp Cycle for children** *GAIT & POSTURE*
Butler, E. E., Ladd, A. L., Lamont, L. E., Rose, J.
2010; 32 (3): 301-306
- **Three-dimensional kinematics of the upper limb during a Reach and Grasp Cycle for children** *GAIT & POSTURE*
Butler, E. E., Ladd, A. L., Louie, S. A., Lamont, L. E., Wong, W., Rose, J.
2010; 32 (1): 72-77
- **New concepts in the treatment of distal radius fractures.** *Instructional course lectures*
Taras, J. S., Ladd, A. L., Kalainov, D. M., Ruch, D. S., Ring, D. C.
2010; 59: 313-332
- **Upper-Limb Evolution and Development: Skeletons in the Closet Congenital Anomalies and Evolution's Template** *6th Triennial Symposium on Science and the Surgery of Congenital Upper-Limb Malformations*
Ladd, A. L.
JOURNAL BONE JOINT SURGERY INC.2009: 19-25
- **Upper-limb evolution and development: skeletons in the closet. Congenital anomalies and evolution's template.** *The Journal of bone and joint surgery. American volume*
Ladd, A. L.
2009; 91 Suppl 4: 19-25
- **Surgical treatment of thumb carpometacarpal joint arthritis: a single institution experience from 1995-2005.** *Hand (New York, N.Y.)*
Park, M. J., Lichtman, G., Christian, J. B., Weintraub, J., Chang, J., Hentz, V. R., Ladd, A. L., Yao, J.
2008; 3 (4): 304-310
- **Muscle moment arms in the first dorsal extensor compartment after radial malunion. A cadaver study.** *journal of bone and joint surgery. American volume*
LaRoque, E. S., Murray, W. M., Langley, S., Hariri, S., Levine, B. P., Ladd, A. L.
2008; 90 (9): 1979-1987
- **Muscle moment arms in the first dorsal extensor compartment after radial malunion - A cadaver study** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
LaRoque, E. S., Murray, W. M., Langley, S., Hariri, S., Levine, B. P., Ladd, A. L.
2008; 90A (9): 1979-1987
- **Reprint of diagnostic imaging of the shoulder.** *Journal of hand therapy*
Ladd, A. L.
2007; 20 (2): 202-208
- **Diagnostic imaging of the shoulder (Reprinted from Journal of Hand Therapy, vol 2, pg 84-9, 1989)** *JOURNAL OF HAND THERAPY*
Ladd, A. L.
2007; 20 (2): 202-209
- **The David L. Bassett Stereoscopic Atlas of Human Anatomy: Developing a Specialized Collection within the Stanford MediaServer Digital Library** *7th ACM/IEEE Joint Conference on Digital Libraries*
Durack, J. C., Kung, S., Chase, R. A., Ladd, A. L., Krebs, M., Dev, P.
ASSOC COMPUTING MACHINERY.2007: 506-506
- **What orthopaedic surgery residents need to know about the hand and wrist?** *BMC medical education*
Wadey, V. M., Ladd, A., Dev, P., Walker, D.
2007; 7: 33-?

- **Thrombin peptide TP508 stimulates cellular events leading to angiogenesis, revascularization and repair of dermal and musculoskeletal tissues** *13th International Symposium on Bone Circulation*
Ryaby, J. T., Sheller, M. R., Levine, B. P., Bramlet, D. G., Ladd, A. L., Carney, D. H.
JOURNAL BONE JOINT SURGERY INC.2006: 132-139
- **Thrombin peptide TP508 stimulates cellular events leading to angiogenesis, revascularization, and repair of dermal and musculoskeletal tissues.** *journal of bone and joint surgery. American volume*
Ryaby, J. T., Sheller, M. R., Levine, B. P., Bramlet, D. G., Ladd, A. L., Carney, D. H.
2006; 88: 132-139
- **Evaluation of a surgical simulator for learning clinical anatomy** *MEDICAL EDUCATION*
Hariri, S., Rawn, C., Srivastava, S., Youngblood, P., Ladd, A.
2004; 38 (8): 896-902
- **Initial evaluation of a shoulder arthroscopy simulator: Establishing construct validity** *JOURNAL OF SHOULDER AND ELBOW SURGERY*
Srivastava, S., Youngblood, P. L., Rawn, C., Hariri, S., Heinrichs, W. L., Ladd, A. L.
2004; 13 (2): 196-205
- **Norian SRS cement compared with conventional fixation in distal radial fractures - A randomized study** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Cassidy, C., Jupiter, J. B., Cohen, M., Delli-Santi, M., Fennell, C., Leinberry, C., Husband, J., Ladd, A., Seitz, W. R., Constanz, B.
2003; 85A (11): 2127-2137
- **Norian SRS cement compared with conventional fixation in distal radial fractures. A randomized study.** *journal of bone and joint surgery. American volume*
Cassidy, C., Jupiter, J. B., Cohen, M., Delli-Santi, M., Fennell, C., Leinberry, C., Husband, J., Ladd, A., Seitz, W. R., Constanz, B.
2003; 85-A (11): 2127-2137
- **Magnetic resonance imaging in diagnosis of chronic posterolateral rotatory instability of the elbow.** *American journal of orthopedics (Belle Mead, N.J.)*
Grafe, M. W., McAdams, T. R., Beaulieu, C. F., Ladd, A. L.
2003; 32 (10): 501-503
- **The effect of pronation and supination on the minimally displaced scaphoid fracture** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
McAdams, T. R., Spisak, S., Beaulieu, C. F., Ladd, A. L.
2003: 255-259
- **Educational tools in support of the Stanford MediaServer** *Joint Conference on Digital Libraries*
Stevenson, D., Chao, C. C., Srivastava, S., Durack, J. C., Ladd, A., Montgomery, K., Dev, P.
IEEE COMPUTER SOC.2003: 377-377
- **Reconstruction of the hand in Apert syndrome: A simplified approach** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Chang, J., Danton, T. K., Ladd, A. L., Hentz, V. R.
2002; 109 (2): 465-470
- **The role of bone graft and alternatives in unstable distal radius fracture treatment** *ORTHOPEDIC CLINICS OF NORTH AMERICA*
Ladd, A. L., Pliam, N. B.
2001; 32 (2): 337-351
- **Dynamic evaluation of shoulder instability using open MR imaging** *14th International Congress and Exhibition on Computer Assisted Radiology and Surgery (CARS 2000)*
Beaulieu, C. F., Dillingham, M. F., Hodge, D. K., Butts, K., Gold, G. E., Thabit, G. H., Ladd, A. L., Bergman, A. G.
ELSEVIER SCIENCE BV.2000: 309-314
- **Use of bone-graft substitutes in distal radius fractures.** *journal of the American Academy of Orthopaedic Surgeons*
Ladd, A. L., Pliam, N. B.
1999; 7 (5): 279-290
- **Biomechanical evaluation of fixation of intra-articular fractures of the distal part of the radius in cadavera: Kirschner wires compared with calcium-phosphate bone cement.** *journal of bone and joint surgery. American volume*
Yetkinler, D. N., Ladd, A. L., Poser, R. D., Constantz, B. R., Carter, D.
1999; 81 (3): 391-399

- **Biomechanical evaluation of fixation of intra-articular fractures of the distal part of the radius in cadavera: Kirschner wires compared with calcium-phosphate bone cement** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Yetkinler, D. N., Ladd, A. L., Poser, R. D., Constantz, B. R., Carter, D.
1999; 81A (3): 391-399
- **MR arthrography of the wrist: Scanning-room injection of the radiocarpal joint based on clinical landmarks** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Beaulieu, C. F., Ladd, A. L.
1998; 170 (3): 606-608
- **Repair of five distal radius fractures with an investigational cancellous bone cement: A preliminary report** *JOURNAL OF ORTHOPAEDIC TRAUMA*
Jupiter, J. B., Winters, S., Sigman, S., Lowe, C., Pappas, C., Ladd, A. L., Van Wagoner, M., Smith, S. T.
1997; 11 (2): 110-116
- **Clinical comments** *CLINICAL JOURNAL OF SPORT MEDICINE*
Ladd, A. L.
1997; 7 (1): 65-65
- **Surgical treatment and postoperative splinting of recessive dystrophic epidermolysis bullosa.** *journal of hand surgery*
Ladd, A. L., Kibele, A., Gibbons, S.
1996; 21 (5): 888-897
- **Surgical treatment and postoperative splinting of recessive dystrophic epidermolysis bullosa** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Ladd, A. L., Kibele, A., Gibbons, S.
1996; 21A (5): 888-897
- **Reconstructive osteotomy for malunion of the distal radius** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Ladd, A. L., HUENE, D. S.
1996: 158-171
- **Functional Restoration of the Upper Extremity in Tetraplegia" in Surgery of the Hand and Upper Extremity -**
Vincent Hentz, A.
1996
- **Reconstructive Osteotomy for Malunion of the Distal Radius. Symposium on Problem Fractures of the Hand and Wrist** *Clinical Orthopaedics and Related Research*
Ladd, A., Huene, DS
1996; 327: 158-171
- **SURGICAL-TREATMENT OF EPIDERMOLYSIS-BULLOSA (RECESSIVE DYSTROPHIC) AND POSTOPERATIVE SPLINTING**
Ladd, A. L., Kibele, A.
BLACKWELL SCIENCE PUBL INC CAMBRIDGE.1994: 850-50
- **Diagnostic imaging of the shoulder.** *Journal of hand therapy*
Ladd, A. L.
1994; 7 (2): 84-89
- **DUPUYTREN CONTRACTURE - MR IMAGING FINDINGS AND CORRELATION BETWEEN MR SIGNAL INTENSITY AND CELLULARITY OF LESIONS** *AMERICAN JOURNAL OF ROENTGENOLOGY*
YACOE, M. E., Bergman, A. G., Ladd, A. L., Hellman, B. H.
1993; 160 (4): 813-817
- **INSITU HYBRIDIZATION STUDIES OF STROMELYSIN AND COLLAGENASE MESSENGER-RNA EXPRESSION IN RHEUMATOID SYNOVIUM** *ARTHRITIS AND RHEUMATISM*
Gravallese, E. M., Darling, J. M., Ladd, A. L., Katz, J. N., Glimcher, L. H.
1991; 34 (9): 1076-1084
- **REFLEX SYMPATHETIC IMBALANCE - RESPONSE TO EPIDURAL BLOCKADE** *AMERICAN JOURNAL OF SPORTS MEDICINE*
Ladd, A. L., DeHaven, K. E., Thanik, J., Patt, R. B., Feuerstein, M.
1989; 17 (5): 660-668

- **Congenital cervical stenosis presenting as transient quadriplegia in athletes. Report of two cases.** *journal of bone and joint surgery. American volume*
Ladd, A. L., Scranton, P. E.
1986; 68 (9): 1371-1374
- **CONGENITAL CERVICAL STENOSIS PRESENTING AS TRANSIENT QUADRIPLÉGIA IN ATHLETES - REPORT OF 2 CASES** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Ladd, A. L., Scranton, P. E.
1986; 68A (9): 1371-1374