

# Stanford

---



## Charles Chan

Clinical Assistant Professor, Orthopaedic Surgery

### CLINICAL OFFICE (PRIMARY)

- **Pleasanton Orthopedics and Sports Medicine Clinic**

5000 Pleasanton Ave Ste 200

Pleasanton, CA 94566

Tel (844) 416-7846 Fax (925) 263-0275

### ACADEMIC CONTACT INFORMATION

- **Academic Contact**

Patricia Gallardo - Administrative Assistant to the Division of Pediatric Orthopaedics

**Email** [psiordia@stanford.edu](mailto:psiordia@stanford.edu)

**Tel** 650-723-5243

## Bio

---

### CLINICAL FOCUS

- Pediatric and Adolescent Sports Medicine
- Shoulder, Elbow, Knee, and Ankle Arthroscopy
- Anterior Cruciate Ligament (ACL) Reconstruction in the Growing Athlete with Open or Closed Growth Plates
- Arthroscopic Treatment of Shoulder Instability
- Arthroscopic Treatment of Meniscus Tears
- Cartilage Preservation and Restoration
- Osteochondritis Dissecans Lesions
- Patellar Instability
- Pediatric Orthopedic Surgery

### ACADEMIC APPOINTMENTS

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

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Diplomate, American Board of Orthopaedic Surgery (ABOS) (2015 - present)
- Member, Western Orthopedic Association (WOA) (2014 - present)
- Member, California Orthopaedic Association (2014 - present)
- Member, Pediatric Orthopaedic Society of North America (POSNA) (2013 - present)
- Member, American Academy of Orthopedic Surgery (AAOS) (2013 - present)
- Member, American Orthopaedic Society for Sports Medicine (AOSSM) (2012 - present)
- Member, Associate Instructor, Arthroscopy Association of North America (2011 - present)

## PROFESSIONAL EDUCATION

- Fellowship: Columbia University Dept of Orthopaedic Surgery (2013) NY
- Fellowship: University of Rochester Sports Medicine Fellowship (2012) NY
- Residency: Stony Brook Orthopaedic Surgery Residency (2011) NY
- Medical Education: Warren Alpert Medical School Brown University (2006) RI
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (2015)
- Undergraduate, Brown University , RI (2001)

## LINKS

- The Sports Medicine Program at Stanford Children's Health: <http://sports.stanfordchildrens.org>

## Research & Scholarship

---

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Chan is a dual-fellowship trained orthopaedic surgeon who specializes in the treatment of sports injuries in both the pediatric and adolescent growing athlete. His goal is to help each athlete return to their sport using both surgical and non-surgical treatments while emphasizing injury prevention.

His areas of expertise include tears to the anterior cruciate ligament (ACL) and meniscus, shoulder instability, patellar instability, cartilage defects, osteochondritis dissecans lesions, and pediatric trauma. He offers arthroscopic and open treatment options for sports injuries in athletes with either open or closed growth plates.

Dr. Chan received both his undergraduate and medical degree at Brown University. He then completed orthopaedic surgery residency at Stony Brook University Medical Center where he developed an interest in treating the growing athlete. He subsequently pursued a fellowship in Sports Medicine at the University of Rochester Medical Center and a second fellowship in Pediatric Orthopaedics at Columbia University Medical Center Morgan Stanley Children's Hospital.

Dr. Chan's interests include identifying risk factors for growth plate injuries during ACL reconstruction, developing new strategies to prevent pediatric sports injuries, and clinical outcomes of surgical reconstructions in the pediatric athlete.

## Publications

---

### PUBLICATIONS

- **Can Suture Tape Improve Radial Meniscal Tear Repair Over Traditional Suture? A Biomechanical Cadaveric Study.** *The American journal of sports medicine*  
Stoner, A. J., Huang, A., Alayleh, A. M., Duru, N. O., Anaya Gallegos, A., Chan, C., Chan, C., Ellis, H. B., Ganley, T., Meadows, M. C., Schmitz, M. R., Sherman, S. L., Tompkins, et al  
2026: 3635465261422715
- **Articular Length Better Predicts Talar Dome Radius of Curvature Than Articular Width or Age in Pediatric Osteochondral Allograft Planning.** *Foot & ankle international*  
Tuyishime, H., Okoli, O., Sueyoshi, T., Obilo, C., Shea, K. G., Chan, C. M.  
2026: 10711007251405243
- **Evaluating ChatGPT's Ability to Answer Common Parent Questions on Avascular Necrosis in Children** *HSS JOURNAL*  
Smith, G. B., Hofmann, G. H., Gussner, A. V., Duru, N. O., Laureano, T. A., Meadows, M. C., Chan, C., Shea, K. G.  
2026

- **Evaluating ChatGPT's Ability to Answer Common Parent Questions on Avascular Necrosis in Children.** *HSS journal : the musculoskeletal journal of Hospital for Special Surgery*  
Smith, G. B., Hofmann, G. H., Gussner, A. V., Duru, N. O., Laureano, T. A., Meadows, M. C., Chan, C., Shea, K. G.  
2026: 15563316251408833
- **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  
2025: 3635465251371321
- **Medial and Lateral Posterior Tibial Slope in the Skeletally Immature: Variability Across Pediatric Ages Without a Consistent Trend.** *Journal of ISAKOS : joint disorders & orthopaedic sports medicine*  
Okoro, S. I., Taylor, V., Troyer, S., Alayleh, A., Ellis, H. B., Yen, Y. M., Tompkins, M., Ganley, T., Chan, C., Shea, K. G.  
2025: 100869
- **MRI Features That Contribute to Decision-Making for Treatment of Capitellar OCD Lesions: An Expert Consensus Using the Delphi Method.** *Orthopaedic journal of sports medicine*  
Kostyun, R. O., Nguyen, J. C., Chhabra, B., Todd R Lawrence, J., Polousky, J. D., Saper, M., Uquillas, C., Nissen, C. W., Members of the ROCKET Group, Kostyun, R. O., Albright, J., Bae, D., Bohn, D., et al  
2024; 12 (6): 23259671241252813
- **Use of Peripheral Nerve Blocks Is Not Associated With Decreased Postoperative Opioid Prescription After ACL Reconstruction in Adolescents** *ORTHOPEDICS*  
Kaur, J., Pham, N., Cahan, E., Halvorsen, K., Langner, J. L., Bryson, X. M., Chan, C. M., Vorhies, J.  
2024; 47 (2): 83-88
- **Glucocorticoid-induced Reduction in Osteogenesis and Angiogenesis is Coupled through Altered Skeletal Stem Cell Lineage Dynamics**  
Ambrosi, T., Wang, Y., Murphy, M., Chan, C., Lane, N.  
OXFORD UNIV PRESS.2023: 7
- **In Vivo Tracking of Human Fetal Skeletal Stem Cell Lineage Dynamics at the Single Cell Level**  
Ambrosi, T., Sinha, R., Chan, C.  
OXFORD UNIV PRESS.2023: 318
- **In Vivo Tracking of Human Fetal Skeletal Stem Cell Lineage Dynamics at the Single Cell Level**  
Ambrosi, T., Sinha, R., Chan, C.  
OXFORD UNIV PRESS.2023: 42
- **Intravenous Vitamin C for Patients Hospitalized With COVID-19: Two Harmonized Randomized Clinical Trials.** *JAMA*  
LOVIT-COVID Investigators, o. b., Adhikari, N. K., Hashmi, M., Tirupakuzhi Vijayaraghavan, B. K., Haniffa, R., Beane, A., Webb, S. A., Angus, D. C., Gordon, A. C., Cook, D. J., Guyatt, G. H., Berry, L. R., Lorenzi, et al  
2023
- **Efficient and multiplexed tracking of single cells using whole-body PET/CT.** *bioRxiv : the preprint server for biology*  
Nguyen, H. T., Das, N., Wang, Y., Ruvalcaba, C., Mehadji, B., Roncali, E., Chan, C. K., Pratz, G.  
2023
- **TET1 regulates skeletal stem cell (SSC) mediated cartilage regeneration.** *Arthritis & rheumatology (Hoboken, N.J.)*  
Pandey, A., Hoover, M., Singla, M., Bedi, Y., Storaci, H., Goodman, S. B., Chan, C., Bhutani, N.  
2023
- **Del1 Is a Growth Factor for Skeletal Progenitor Cells in the Fracture Callus.** *Biomolecules*  
Sun, Y., Boyko, T., Marcic, O., Struck, D., Mann, R. K., Andrew, T. W., Lopez, M., Tong, X., Goodman, S. B., Yang, F., Longaker, M. T., Chan, C. K., Yang, et al  
2023; 13 (8)
- **Gla-domain mediated targeting of externalized phosphatidylserine for intracellular delivery.** *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*  
Hardy, J., Bauzon, M., Chan, C. K., Makela, A. V., Kanada, M., Schneider, D., Blankenberg, F., Contag, C. H., Hermiston, T.  
2023; 37 (8): e23113

- **Thumb Osteoarthritis: Stem Cell Activation, Niche Augmentation and Tissue Regeneration**  
Murphy, M., Takematsu, E., Koepke, L., Tong, X., Butler, G., Ambrosi, T., Hoover, M., Wang, Y., Zhao, L., Wong, J., Reid, A., Longaker, M., Chan, et al  
MARY ANN LIEBERT, INC.2023
- **Purification and functional characterization of novel human skeletal stem cell lineages.** *Nature protocols*  
Hoover, M. Y., Ambrosi, T. H., Steininger, H. M., Koepke, L. S., Wang, Y., Zhao, L., Murphy, M. P., Alam, A. A., Arouge, E. J., Butler, M. G., Takematsu, E., Stavitsky, S. P., Hu, et al  
2023
- **Optimizing Delivery of Therapeutic Growth Factors for Bone and Cartilage Regeneration.** *Gels (Basel, Switzerland)*  
Takematsu, E., Murphy, M., Hou, S., Steininger, H., Alam, A., Ambrosi, T. H., Chan, C. K.  
2023; 9 (5)
- **Canadian multidisciplinary expert consensus on the use of biologics in upper airways: a Delphi study.** *Journal of otolaryngology - head & neck surgery = Le Journal d'oto-rhino-laryngologie et de chirurgie cervico-faciale*  
Thamboo, A. V., Lee, M., Bhutani, M., Chan, C., Chan, Y., Chapman, K. R., Chin, C. J., Connors, L., Dorscheid, D., Ellis, A. K., Gall, R. M., Godbout, K., Janjua, et al  
2023; 52 (1): 30
- **Combination of Distinct Vascular Stem/Progenitor Cells for Neovascularization and Ischemic Rescue.** *Arteriosclerosis, thrombosis, and vascular biology*  
Zhao, L., Lee, A. S., Sasagawa, K., Sokol, J., Wang, Y., Ransom, R. C., Zhao, X., Ma, C., Steininger, H. M., Koepke, L. S., Borrelli, M. R., Brewer, R. E., Lee, et al  
2023
- **Effect of Angiotensin-Converting Enzyme Inhibitor and Angiotensin Receptor Blocker Initiation on Organ Support-Free Days in Patients Hospitalized With COVID-19: A Randomized Clinical Trial.** *JAMA*  
Writing Committee for the REMAP-CAP Investigators, Lawler, P. R., Derde, L. P., van de Veerdonk, F. L., McVerry, B. J., Huang, D. T., Berry, L. R., Lorenzi, E., van Kimmenade, R., Gommans, F., Vaduganathan, M., Leaf, D. E., Baron, R. M., et al  
2023; 329 (14): 1183-1196
- **Denervation during mandibular distraction osteogenesis results in impaired bone formation.** *Scientific reports*  
Tevlin, R., Griffin, M., Chen, K., Januszyk, M., Guardino, N., Spielman, A., Walters, S., Gold, G. E., Chan, C. K., Gurtner, G. C., Wan, D. C., Longaker, M. T.  
2023; 13 (1): 2097
- **Intracompartmental Human Skeletal Stem Cell Diversity and Crosstalk Is Central To Long Bone Morphogenesis**  
Ambrosi, T., Taheri, S., Felix, F., Sinha, R., Sahoo, D., Chan, C.  
WILEY.2023: 304-305
- **Opioid Represcriptions After ACL Reconstruction in Adolescents are Associated With Subsequent Opioid Use Disorder.** *Journal of pediatric orthopedics*  
Cahan, E. M., Halvorsen, K. C., Pham, N. S., Kaur, J., Bryson, X. M., Chan, C. M., Vorhies, J. S.  
2023
- **A seed-and-soil theory for blood ageing.** *Nature cell biology*  
Ambrosi, T. H., Chan, C. K.  
2023
- **Hydra: Effective Runtime Network Verification**  
Renganathan, S., Rubin, B., Kim, H., Ventre, P., Cascone, C., Moro, D., Chan, C., McKeown, N., Foster, N., ACM  
ASSOC COMPUTING MACHINERY.2023: 182-194
- **Development and systematic characterization of GelMA/alginate/PEGDMA/xanthan gum hydrogel bioink system for extrusion bioprinting.** *Biomaterials*  
Li, J., Moeinzadeh, S., Kim, C., Pan, C. C., Weale, G., Kim, S., Abrams, G., James, A. W., Choo, H., Chan, C., Yang, Y. P.  
2022; 293: 121969
- **Sexually dimorphic estrogen sensing in skeletal stem cells controls skeletal regeneration.** *Nature communications*

- Andrew, T. W., Koepke, L. S., Wang, Y., Lopez, M., Steininger, H., Struck, D., Boyko, T., Ambrosi, T. H., Tong, X., Sun, Y., Gulati, G. S., Murphy, M. P., Marecic, et al  
2022; 13 (1): 6491
- **Glucocorticoids Affect Bone Mass and Strength by Inhibiting Osteoprogenitor Cell Maturation**  
Ambrosi, T., Murphy, M., Chan, C. K. F., Lane, N.  
WILEY.2022: 2569
  - **Partial Tendon Injury at the Tendon-to-Bone Enthesis Activates Skeletal Stem Cells.** *Stem cells translational medicine*  
Titan, A. L., Davitt, M., Foster, D., Salhotra, A., Menon, S., Chen, K., Fahy, E., Lopez, M., Jones, R. E., Baiu, I., Burcham, A., Januszyk, M., Gurtner, et al  
2022
  - **The Tabula Sapiens: A multiple-organ, single-cell transcriptomic atlas of humans.** *Science (New York, N.Y.)*  
Jones, R. C., Karknias, J., Krasnow, M. A., Pisco, A. O., Quake, S. R., Salzman, J., Yosef, N., Bulthaupt, B., Brown, P., Harper, W., Hemenez, M., Ponnusamy, R., Salehi, et al  
2022; 376 (6594): eabl4896
  - **Human Coronary Plaque T Cells Are Clonal and Cross-React to Virus and Self.** *Circulation research*  
Roy Chowdhury, R., D'Addabbo, J., Huang, X., Veizades, S., Sasagawa, K., Louis, D. M., Cheng, P., Sokol, J., Jensen, A., Tso, A., Shankar, V., Wendel, B. S., Bakerman, et al  
2022: 101161CIRCRESAHA121320090
  - **REGENERATION OF CARTILAGE THROUGH ACTIVATION OF TISSUE RESIDENT SKELETAL STEM CELLS AND AUGMENTATION OF THE NICHE**  
Murphy, M. P., Koepke, L. S., Lopez, M. T., Tong, X., Ambrosi, T. H., Gulati, G., Marecic, O., Wang, Y., Ransom, R. C., Hoover, M., Longaker, M. T., Chan, C. K. F.  
MARY ANN LIEBERT, INC.2022: S375
  - **Publisher Correction: Cell types of origin of the cell-free transcriptome.** *Nature biotechnology*  
Vorperian, S. K., Moufarrej, M. N., Tabula Sapiens Consortium, Quake, S. R., Jones, R. C., Karknias, J., Krasnow, M., Pisco, A. O., Quake, S. R., Salzman, J., Yosef, N., Bulthaupt, B., Brown, P., et al  
2022
  - **Effect of Antiplatelet Therapy on Survival and Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial.** *JAMA*  
REMAP-CAP Writing Committee for the REMAP-CAP Investigators, Bradbury, C. A., Lawler, P. R., Stanworth, S. J., McVerry, B. J., McQuilten, Z., Higgins, A. M., Mouncey, P. R., Al-Beidh, F., Rowan, K. M., Berry, L. R., Lorenzi, E., Zarychanski, R., et al  
2022
  - **Molecular hallmarks of heterochronic parabiosis at single-cell resolution.** *Nature*  
Palovics, R., Keller, A., Schaum, N., Tan, W., Fehlmann, T., Borja, M., Kern, F., Bonanno, L., Calcuttawala, K., Webber, J., McGeever, A., Tabula Muris Consortium, Luo, J., et al  
2022
  - **Cell types of origin of the cell-free transcriptome.** *Nature biotechnology*  
Vorperian, S. K., Moufarrej, M. N., Tabula Sapiens Consortium, Quake, S. R., Jones, R. C., Karknias, J., Krasnow, M., Pisco, A. O., Quake, S. R., Salzman, J., Yosef, N., Bulthaupt, B., Brown, P., et al  
2022
  - **Tractable Human Skeletal Stem Cell Diversity Shapes Bone Development and Regeneration**  
Ambrosi, T., Taheri, S., Sinha, R., Goodnough, L., Steininger, H., Weissman, I., Longaker, M., Sahoo, D., Chan, C.  
WILEY.2022: 266-267
  - **A Brain Dependent Osteogenic Factor Controls Peak Bone Mass**  
Herber, C., Ambrosi, T., Morioka, K., Marcucio, R., Ventura, P., Villeda, S., Chan, C., Lane, N., Ingraham, H.  
WILEY.2022: 191
  - **Cross-species comparisons reveal resistance of human skeletal stem cells to inhibition by non-steroidal anti-inflammatory drugs.** *Frontiers in endocrinology*  
Goodnough, L. H., Ambrosi, T. H., Steininger, H. M., Butler, M. G., Hoover, M. Y., Choo, H., Van Rysselberghe, N. L., Bellino, M. J., Bishop, J. A., Gardner, M. J., Chan, C. K.

2022; 13: 924927

- **Aging of Skeletal Stem Cells.** *Advances in geriatric medicine and research*  
Butler, M. G., Ambrosi, T. H., Murphy, M. P., Chan, C. K.  
2022; 4 (2)
- **Denervation During Mandibular Distraction Osteogenesis Results in Impaired Osteogenesis**  
Tevlin, R., Januszyk, M., Griffin, M., Salhotra, A., Wan, D. C., Chan, C. K. F., Longaker, M. T.  
ELSEVIER SCIENCE INC.2021: S196-S197
- **Acellular Dermal Matrix Modulation of the Peri-Prosthetic Breast Microenvironment During Breast Reconstruction**  
Tevlin, R., Januszyk, M., Griffin, M., Shefren, K., Chan, C. K. F., Momeni, A., Wan, D. C., Longaker, M. T.  
ELSEVIER SCIENCE INC.2021: S195-S196
- **Effect of Convalescent Plasma on Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial.** *JAMA*  
Writing Committee for the REMAP-CAP Investigators, Estcourt, L. J., Turgeon, A. F., McQuilten, Z. K., McVerry, B. J., Al-Beidh, F., Annane, D., Arabi, Y. M., Arnold, D. M., Beane, A., Begin, P., van Bentum-Puijk, W., Berry, L. R., et al  
2021
- **RNA splicing programs define tissue compartments and cell types at single cell resolution.** *eLife*  
Olivieri, J. E., Dehghannasiri, R., Wang, P. L., Jang, S., de Morree, A., Tan, S. Y., Ming, J., Ruohao Wu, A., Tabula Sapiens Consortium, Quake, S. R., Krasnow, M. A., Salzman, J.  
2021; 10
- **RNA splicing programs define tissue compartments and cell types at single-cell resolution** *ELIFE*  
Olivieri, J., Dehghannasiri, R., Wang, P. L., Jang, S., de Morree, A., Tan, S. Y., Ming, J., Wu, A., Consortium, T., Quake, S. R., Krasnow, M. A., Salzman, J.  
2021; 10
- **Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19.** *The New England journal of medicine*  
REMAP-CAP Investigators, ACTIV-4a Investigators, ATTACC Investigators, Goligher, E. C., Bradbury, C. A., McVerry, B. J., Lawler, P. R., Berger, J. S., Gong, M. N., Carrier, M., Reynolds, H. R., Kumar, A., Turgeon, A. F., Kornblith, L. Z., et al  
2021
- **Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19.** *The New England journal of medicine*  
ATTACC Investigators, ACTIV-4a Investigators, REMAP-CAP Investigators, Lawler, P. R., Goligher, E. C., Berger, J. S., Neal, M. D., McVerry, B. J., Nicolau, J. C., Gong, M. N., Carrier, M., Rosenson, R. S., Reynolds, H. R., Turgeon, A. F., et al  
2021
- **Skeletal stem and progenitor cells maintain cranial suture patency and prevent craniosynostosis.** *Nature communications*  
Menon, S., Salhotra, A., Shailendra, S., Tevlin, R., Ransom, R. C., Januszyk, M., Chan, C. K., Behr, B., Wan, D. C., Longaker, M. T., Quarto, N.  
2021; 12 (1): 4640
- **Distinct skeletal stem cell types orchestrate long bone skeletogenesis.** *eLife*  
Ambrosi, T. H., Sinha, R., Steininger, H. M., Hoover, M. Y., Murphy, M. P., Koepke, L. S., Wang, Y., Lu, W., Morri, M., Neff, N. F., Weissman, I. L., Longaker, M. T., Chan, et al  
2021; 10
- **Lopinavir-ritonavir and hydroxychloroquine for critically ill patients with COVID-19: REMAP-CAP randomized controlled trial.** *Intensive care medicine*  
Arabi, Y. M., Gordon, A. C., Derde, L. P., Nichol, A. D., Murthy, S., Beidh, F. A., Annane, D., Swaidan, L. A., Beane, A., Beasley, R., Berry, L. R., Bhimani, Z., Bonten, et al  
2021
- **Opiate prescribing patterns in the adolescent population following anterior cruciate ligament reconstruction.** *Journal of opioid management*  
Karius, A., Cahan, E. M., Segovia, N. A., Fan, A., Chan, C. M.  
2021; 17 (4): 321-325
- **Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19** *NEW ENGLAND JOURNAL OF MEDICINE*  
Gordon, A. C., Al-Beidh, F., Rowan, K. M., Nichol, A. D., Arabi, Y. M., Annane, D., Beane, A., Van Bentum-Puijk, W., Berry, L. R., Bhimani, Z., Bonten, M. J. M., Bradbury, C. A., Brunkhorst, et al

2021: 1491–1502

- **Skeletal Stem Cells as the Developmental Origin of Cellular Niches for Hematopoietic Stem and Progenitor Cells.** *Current topics in microbiology and immunology*  
Ambrosi, T. H., Chan, C. K.  
2021; 434: 1-31
- **Aged skeletal stem cells generate an inflammatory degenerative niche.** *Nature*  
Ambrosi, T. H., Marecic, O., McArdle, A., Sinha, R., Gulati, G. S., Tong, X., Wang, Y., Steininger, H. M., Hoover, M. Y., Koepke, L. S., Murphy, M. P., Sokol, J., Seo, et al  
2021
- **Radial Width of the Lateral Meniscus at the Popliteal Hiatus: Relevance to Saucerization of Discoid Lateral Menisci.** *The American journal of sports medicine*  
Gamble, J. G., Abdalla, A. B., Meadows, M. G., Rauer, T., Chan, C. M., Ganley, T. J., Tompkins, M., Shea, K. G., Gamble, J. G.  
2021: 3635465211056661
- **Prrx1 Fibroblasts Represent a Pro-fibrotic Lineage in the Mouse Ventral Dermis.** *Cell reports*  
Leavitt, T., Hu, M. S., Borrelli, M. R., Januszyk, M., Garcia, J. T., Ransom, R. C., Mascharak, S., desJardins-Park, H. E., Litzemberger, U. M., Walmsley, G. G., Marshall, C. D., Moore, A. L., Duoto, et al  
2020; 33 (6): 108356
- **Delayed Union of a Diaphyseal Forearm Fracture Associated With Impaired Osteogenic Differentiation of Prospectively Isolated Human Skeletal Stem Cells.** *JBMR plus*  
Goodnough, L. H., Ambrosi, T. H., Steininger, H., DeBaun, M. R., Abrams, G. D., McAdams, T. R., Gardner, M. J., Chan, C. K., Bishop, J. A.  
2020; 4 (10): e10398
- **Human skeletal stem cell aging** *AGING-US*  
Ambrosi, T. H., Goodnough, L., Chan, C. K. F.  
2020; 12 (17): 16669–71
- **Human skeletal stem cell aging.** *Aging*  
Ambrosi, T. H., Goodnough, L. H., Chan, C. K.  
2020
- **Articular cartilage regeneration by activated skeletal stem cells.** *Nature medicine*  
Murphy, M. P., Koepke, L. S., Lopez, M. T., Tong, X., Ambrosi, T. H., Gulati, G. S., Marecic, O., Wang, Y., Ransom, R. C., Hoover, M. Y., Steininger, H., Zhao, L., Walkiewicz, et al  
2020
- **Relationship Between Dynamic Limb Symmetry And Subjective Limb Confidence Post ACL Reconstruction In Youth Athletes**  
Morgan, J. J., Lyons, S. M., Chan, S. K., Chan, C. M., Shea, K. G., Kraus, E. A.  
LIPPINCOTT WILLIAMS & WILKINS.2020: 2–3
- **Geriatric fragility fractures are associated with a human skeletal stem cell defect.** *Aging cell*  
Ambrosi, T. H., Goodnough, L. H., Steininger, H. M., Hoover, M. Y., Kim, E., Koepke, L. S., Marecic, O., Zhao, L., Seita, J., Bishop, J. A., Gardner, M. J., Chan, C. K.  
2020: e13164
- **Therapeutic modulation of phagocytosis in glioblastoma can activate both innate and adaptive antitumour immunity.** *Nature communications*  
von Roemeling, C. A., Wang, Y., Qie, Y., Yuan, H., Zhao, H., Liu, X., Yang, Z., Yang, M., Deng, W., Bruno, K. A., Chan, C. K., Lee, A. S., Rosenfeld, et al  
2020; 11 (1): 1508
- **Expansion of Bone Precursors through Jun as a Novel Treatment for Osteoporosis-Associated Fractures.** *Stem cell reports*  
Lerbs, T., Cui, L., Muscat, C., Saleem, A., van Neste, C., Domizi, P., Chan, C., Wernig, G.  
2020
- **A single-cell transcriptomic atlas characterizes ageing tissues in the mouse.** *Nature*  
2020

- **Ageing hallmarks exhibit organ-specific temporal signatures.** *Nature*  
Schaum, N. n., Lehallier, B. n., Hahn, O. n., Pálovics, R. n., Hosseinzadeh, S. n., Lee, S. E., Sit, R. n., Lee, D. P., Losada, P. M., Zardeneta, M. E., Fehlmann, T. n., Webber, J. T., McGeever, et al  
2020
- **Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19: The REMAP-CAP COVID-19 Corticosteroid Domain Randomized Clinical Trial.** *JAMA*  
Angus, D. C., Derde, L. n., Al-Beidh, F. n., Annane, D. n., Arabi, Y. n., Beane, A. n., van Bentum-Puijk, W. n., Berry, L. n., Bhimani, Z. n., Bonten, M. n., Bradbury, C. n., Brunkhorst, F. n., Buxton, et al  
2020; 324 (13): 1317–29
- **A Brain-Dependent Osteogenic Factor Dramatically Enhances the Capacity of Skeletal Stem Cells to form Bone in Female Mice**  
Herber, C., Ventura, P., Villeda, S., Ingraham, H., Ambrosi, T., Chan, C., Lane, N.  
WILEY.2019: 57
- **A Brain-Dependent Osteogenic Factor Dramatically Enhances the Capacity of Skeletal Stem Cells to form Bone in Female Mice**  
Herber, C., Ventura, P., Villeda, S., Ingraham, H., Ambrosi, T., Chan, C., Lane, N.  
WILEY.2019: 57
- **Role of the Skeletal Stem Cell in Achilles Tendon to Bone Interface Healing**  
Titan, A. L., Jones, R., Salhotra, A., Robertson, K. S., Foster, D., Menon, S., Murphy, M., Lucero, G. V., Chan, C. K., Longaker, M. T.  
ELSEVIER SCIENCE INC.2019: S228–S229
- **A Revised Perspective of Skeletal Stem Cell Biology.** *Frontiers in cell and developmental biology*  
Ambrosi, T. H., Longaker, M. T., Chan, C. K.  
2019; 7: 189
- **A Revised Perspective of Skeletal Stem Cell Biology** *FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY*  
Ambrosi, T. H., Longaker, M. T., Chan, C. K. F.  
2019; 7
- **Sport Participation and Specialization Characteristics Among Pediatric Soccer Athletes** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*  
McLeod, T., Israel, M., Christino, M. A., Chung, J. S., McKay, S. D., Lang, P. J., Bell, D. R., Chan, C. M., Crepeau, A., Davis, E., Fletcher, A. L., Laniak, J., McCaffrey, et al  
2019; 7 (3): 2325967119832399
- **A little bit faster: Lower extremity joint kinematics and kinetics as recreational runners achieve faster speeds (vol 71, pg 167, 2018)** *JOURNAL OF BIOMECHANICS*  
Orendurff, M. S., Kobayashi, T., Tulchin-Francis, K., Tullock, A., Villarosa, C., Chan, C., Kraus, E., Strike, S.  
2019; 82: 404
- **Computer Navigation for Pediatric Femoral ACL Tunnel Placement.** *The Iowa orthopaedic journal*  
Popkin, C. A., Chan, C. M., Nowell, J. A., Crowley, S. G., Wright, M. n., Ahmad, C. S.  
2019; 39 (1): 121–29
- **Mechanoresponsive stem cells acquire neural crest fate in jaw regeneration** *NATURE*  
Ransom, R. C., Carter, A. C., Salhotra, A., Leavitt, T., Marecic, O., Murphy, M. P., Lopez, M. L., Wei, Y., Marshall, C. D., Shen, E. Z., Jones, R., Sharir, A., Klein, et al  
2018; 563 (7732): 514+
- **Corrigendum to "A little bit faster: Lower extremity joint kinematics and kinetics as recreational runners achieve faster speeds" [J. Biomech. 71 (2018) 167-175].** *Journal of biomechanics*  
Orendurff, M. S., Kobayashi, T., Tulchin-Francis, K., Tullock, A. M., Villarosa, C., Chan, C., Kraus, E., Strike, S.  
2018
- **THERAPEUTIC MODULATION OF THE PHAGOCYtic AXIS SPARKS ANTI-TUMOR CD8 T CELL RESPONSES IN GLIOBLASTOMA**  
von Roemeling, C., Qie, Y., Jiang, W., Chen, Y., Shih, K., Liu, X., Knight, J., Tian, R., Chan, C., Kim, B.  
OXFORD UNIV PRESS INC.2018: 124
- **Identification of the Human Skeletal Stem Cell** *CELL*

- Chan, C. K. F., Gulati, G. S., Sinha, R., Tompkins, J., Lopez, M., Carter, A. C., Ransom, R. C., Reinisch, A., Wearda, T., Murphy, M., Brewer, R. E., Koepke, L. S., Marecic, et al  
2018; 175 (1): 43+
- **THE LOWER EXTREMITY GRADING SYSTEM (LEGS) TO EVALUATE BASELINE LOWER EXTREMITY PERFORMANCE IN HIGH SCHOOL ATHLETES.** *International journal of sports physical therapy*  
Smith, J., DePhillipo, N., Azizi, S., McCabe, A., Beverine, C., Orendurff, M., Pun, S., Chan, C.  
2018; 13 (3): 401–9
  - **THE LOWER EXTREMITY GRADING SYSTEM (LEGS) TO EVALUATE BASELINE LOWER EXTREMITY PERFORMANCE IN HIGH SCHOOL ATHLETES** *INTERNATIONAL JOURNAL OF SPORTS PHYSICAL THERAPY*  
Smith, J., DePhillipo, N., Azizi, S., McCabe, A., Beverine, C., Orendurff, M., Pun, S., Chan, C.  
2018; 13 (3): 401–9
  - **MANAGEMENT OF OSTEOCHONDRITIS DISSECANS OF THE FEMORAL CONDYLE A Critical Analysis Review** *JBJS REVIEWS*  
Chan, C., Richmond, C., Shea, K. G., Frick, S. L.  
2018; 6 (3)
  - **Prolonged survival of transplanted stem cells after ischaemic injury via the slow release of pro-survival peptides from a collagen matrix.** *Nature biomedical engineering*  
Lee, A. S., Inayathullah, M., Lijkwan, M. A., Zhao, X., Sun, W., Park, S., Hong, W. X., Parekh, M. B., Malkovskiy, A. V., Lau, E., Qin, X., Pothineni, V. R., Sanchez-Freire, et al  
2018; 2 (2): 104-113
  - **Management of Osteochondritis Dissecans of the Femoral Condyle: A Critical Analysis Review.** *JBJS reviews*  
Chan, C. n., Richmond, C. n., Shea, K. G., Frick, S. L.  
2018; 6 (3): e5
  - **A little bit faster: Lower extremity joint kinematics and kinetics as recreational runners achieve faster speeds.** *Journal of biomechanics*  
Orendurff, M. S., Kobayashi, T. n., Tulchin-Francis, K. n., Tullock, A. M., Villarosa, C. n., Chan, C. n., Strike, S. n.  
2018; 71: 167–75
  - **Patellar Instability in the Skeletally Immature.** *Current reviews in musculoskeletal medicine*  
Popkin, C. A., Bayomy, A. F., Trupia, E. P., Chan, C. M., Redler, L. H.  
2018
  - **Rescue of Del1 Knock Out Phenotype in Bone Fracture Healing in Mice**  
Boyko, T. V., Marecic, O., Lopez, M., Seo, E., Tong, X., Chan, C., Longaker, M. T., Yang, G. P.  
ELSEVIER SCIENCE INC.2017: S89–S90
  - **Shifting Skeletal Stem Cell Dynamics Underlie Skeletal Aging in Mice**  
Marecic, O., McArdle, A., Seo, E., Tevlin, R., Gulati, G. S., Murphy, M. P., Lopez, M., Weissman, I. L., Chan, C. K., Longaker, M. T.  
ELSEVIER SCIENCE INC.2017: S166
  - **Cellular Mechanisms Underlying Regeneration in Mandibular Distraction Osteogenesis**  
Ransom, R. C., Leavitt, T., Murphy, M. P., Marecic, O., Lopez, M., Marshall, C. D., Barnes, L. A., Wan, D. C., Chan, C. K., Longaker, M. T.  
ELSEVIER SCIENCE INC.2017: E143–E144
  - **Activation of the Mouse Resident Skeletal Stem Cell for Articular Cartilage Repair**  
Murphy, M. P., Lopez, M., Ransom, R. C., Marecic, O., Gulati, G. S., Chan, C. K., Longaker, M. T.  
ELSEVIER SCIENCE INC.2017: S160
  - **Lessons from immuno-oncology: a new era for cancer nanomedicine?** *NATURE REVIEWS DRUG DISCOVERY*  
Jiang, W., Yuan, H., Chan, C. K., von Roemeling, C. A., Yan, Z., Weissman, I. L., Kim, B. Y. S.  
2017; 16 (6): 369–70
  - **Detection of Femoral Neck Fractures in Pediatric Patients With Femoral Shaft Fractures** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*  
Caldwell, L., Chan, C. M., Sanders, J. O., Gorczyca, J. T.  
2017; 37 (3): E164-E167

- **Discussion: Regeneration of Vascularized Corticocancellous Bone and Diploic Space Using Muscle-Derived Stem Cells: A Translational Biologic Alternative for Healing Critical Bone Defects** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Murphy, M. P., Chan, C. K., Longaker, M. T.  
2017; 139 (4): 906-907
- **Pharmacological rescue of diabetic skeletal stem cell niches** *SCIENCE TRANSLATIONAL MEDICINE*  
Tevlin, R., Seo, E., Marecic, O., McArdle, A., Tong, X., Zimdahl, B., Malkovskiy, A., Sinha, R., Gulati, G., Li, X., Wearda, T., Morganti, R., Lopez, et al  
2017; 9 (372)
- **Human Adipose-Derived Stromal Cell Isolation Methods and Use in Osteogenic and Adipogenic In Vivo Applications.** *Current protocols in stem cell biology*  
Brett, E., Tevlin, R., McArdle, A., Seo, E. Y., Chan, C. K., Wan, D. C., Longaker, M. T.  
2017; 43
- **External Beam Radiation Therapy for the Treatment of Human Pluripotent Stem Cell-Derived Teratomas.** *Stem cells (Dayton, Ohio)*  
Lee, A. S., Tang, C. n., Hong, W. X., Park, S. n., Bazalova, M. n., Nelson, G. n., Sanchez-Freire, V. n., Bakerman, I. n., Zhang, W. n., Neofytou, E. n., Connolly, A. J., Chan, C. K., Graves, et al  
2017
- **The Role of Skeletal Stem Cells in the Reconstruction of Bone Defects.** *The Journal of craniofacial surgery*  
Murphy, M. P., Irizarry, D. n., Lopez, M. n., Moore, A. L., Ransom, R. C., Longaker, M. T., Wan, D. C., Chan, C. K.  
2017; 28 (5): 1136-41
- **Lectins bring benefits to bones** *ELIFE*  
Chan, C. K. F., Ransom, R. C., Longaker, M. T.  
2016; 5
- **Immune Priming of the Tumor Microenvironment by Radiation** *TRENDS IN CANCER*  
Jiang, W., Chan, C. K., Weissman, I. L., Kim, B. Y. S., Hahn, S. M.  
2016; 2 (11): 638-45
- **Computer Modeling Analysis of the Talar Dome as a Graft for the Humeral Head** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*  
Chan, C. M., LeVasseur, M. R., Lerner, A. L., Maloney, M. D., Voloshin, I.  
2016; 32 (8): 1671-1675
- **Proceedings of the 8th Annual Conference on the Science of Dissemination and Implementation : Washington, DC, USA. 14-15 December 2015.** *Implementation science : IS*  
Chambers, D., Simpson, L., Hill-Briggs, F., Neta, G., Vinson, C., Chambers, D., Beidas, R., Marcus, S., Aarons, G., Hoagwood, K., Schoenwald, S., Evans, A., Hurford, et al  
2016; 11 Suppl 2 (Suppl 2): 100
- **Detection of Femoral Neck Fractures in Pediatric Patients With Femoral Shaft Fractures.** *Journal of pediatric orthopedics*  
Caldwell, L., Chan, C. M., Sanders, J. O., Gorczyca, J. T.  
2016: -?
- **Effect of Preoperative Indications Conference on Procedural Planning for Treatment of Scoliosis.** *Spine deformity*  
Chan, C. M., Swindell, H. W., Matsumoto, H., Park, H. Y., Hyman, J. E., Vitale, M. G., Roye, D. P., Roye, B. D.  
2016; 4 (1): 27-32
- **Impairment in Fracture Healing in a Mouse Model of Type 2 Diabetes Is Driven by Skeletal Stem Cell Niche Dysregulation**  
Tevlin, R., Seo, E., McArdle, A., Tong, X., Januszyk, M., Yang, F., Gurtner, G. C., Chan, C. K. F., Weissman, I. L., Longaker, M. T.  
ELSEVIER SCIENCE INC.2015: S115
- **Effects of Varying Locations for Biceps Tendon Tenotomy and Superior Labral Integrity on Shoulder Stability in a Cadaveric Concavity-Compression Model** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*  
Chan, C. M., Behrend, C., Shields, E., Maloney, M. D., Voloshin, I.  
2014; 30 (12): 1557-1561
- **Positive selection for bone morphogenetic protein receptor type-IB promotes differentiation and specification of human adipose-derived stromal cells toward an osteogenic lineage.** *Tissue engineering. Part A*

- McArdle, A., Chung, M. T., Paik, K. J., Duldulao, C., Chan, C., Rennert, R., Walmsley, G. G., Senarath-Yapa, K., Hu, M., Seo, E., Lee, M., Wan, D. C., Longaker, et al  
2014; 20 (21-22): 3031-3040
- **Impaired Angiogenesis: A Critical Contributor to Problematic Fracture Healing in Diabetes**  
Tevlin, R., McArdle, A., Senarath-Yapa, K., Rodrigues, M., Maan, Z. N., Li, S., Chan, C. K., Brunski, J., Gurtner, G. C.  
ELSEVIER SCIENCE INC.2014: S83
  - **Diminished Recruitment of Resident Skeletal Progenitor Cells in Diabetic Fracture Healing**  
Tevlin, R., Seo, E., McArdle, A., Marecic, O., Wearada, T., Senarath-Yapa, K., Zielins, E. R., Chan, C. K., Weissman, I. L., Longaker, M. T.  
ELSEVIER SCIENCE INC.2014: S82
  - **Heterochronic Parabiosis Rejuvenates Aged Bones**  
McArdle, A., Tevlin, R., Marecic, O., Wearada, T., Senarath-Yapa, K., Walmsley, G. G., Snyder, M. P., Weissman, I. L., Chan, C. K., Longaker, M. T.  
ELSEVIER SCIENCE INC.2014: S82–S83
  - **Response of Skeletal Progenitor Cells to Fracture Injury in a Mouse Model**  
Marecic, O., McArdle, A., Seo, E., Tevlin, R., Duldulao, C., Wearada, T., Chan, C., Weissman, I. L., Longaker, M. T.  
ELSEVIER SCIENCE INC.2014: S86
  - **LOW DOSE RADIATION FROM CARDIAC COMPUTED TOMOGRAPHY IS ASSOCIATED WITH DNA DAMAGE AND CELLULAR DEATH**  
Hong, W., Lee, W., Liang, G., Chan, C., Sanchez-Freire, V., Hu, S., Longaker, M. T., Wu, J., Nguyen, P.  
ELSEVIER SCIENCE INC.2014: A1047
  - **The Effect of Rod Diameter on Correction of Adolescent Idiopathic Scoliosis at Two Years Follow-Up** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*  
Prince, D. E., Matsumoto, H., Chan, C. M., Gomez, J. A., Hyman, J. E., Roye, D. P., Vitale, M. G.  
2014; 34 (1): 22-28
  - **Treatment of Idiopathic Pulmonary Fibrosis With Ambrisentan A Parallel, Randomized Trial** *ANNALS OF INTERNAL MEDICINE*  
Raghu, G., Behr, J., Brown, K. K., Egan, J. J., Kawut, S. M., Flaherty, K. R., Martinez, F. J., Nathan, S. D., Wells, A. U., Collard, H. R., Costabel, U., Richeldi, L., de Andrade, et al  
2013; 158 (9): 641-+
  - **Unilateral meniscomeniscal ligament.** *Orthopedics*  
Chan, C. M., Goldblatt, J. P.  
2012; 35 (12): e1815-7
  - **Signal rewiring induced by EWS/FLI-1 in mouse and human mesenchymal stem cells**  
Marques, M., Nieves, B., Chen, R., Vaka, D., Chan, C., Zheng, G., Chang, H., Weissman, I., Sweet-Cordero, A.  
AMER ASSOC CANCER RESEARCH.2012
  - **Minocycline-Induced Bone Discoloration** *JBJS Case Connector*  
Chan, C. M., Hicks, D. G., Giordano, B. D.  
2012; 2 (3)
  - **HIF-dependent over-expression of CUB domain-containing protein 1 stimulates migration in clear cell renal cell carcinoma**  
Razorenova, O. V., Finger, E. C., Colavitti, R., Chernikova, S. B., Boiko, A. D., Chan, C. K. F., Krieg, A., Bedogni, B., LaGory, E., Weissman, I. L., Broome-Powell, M., Giaccia, A. J.  
AMER ASSOC CANCER RESEARCH.2011
  - **Identification and Isolation of the Hematopoietic Stem Cell Niche Initiating Cell Population** *50th Annual Meeting of the American-Society-of-Hematology/ASH/ASCO Joint Symposium*  
Chan, C., Chen, C., Kraft, D. L., Luppen, C., Kim, J., DeBoer, A., Wei, K. W., Weissman, I. L.  
AMER SOC HEMATOLOGY.2008: 1223–23
  - **The CASE survey: Patient and physician perceptions regarding asthma medication use and associated oropharyngeal symptoms** *CANADIAN RESPIRATORY JOURNAL*  
FitzGerald, J., Chan, C. K. N., Holroyde, M. C., Boulet, L.  
2008; 15 (1): 27–32

- **Predictors of a more favourable response to combined therapy with salmeterol and fluticasone as initial maintenance therapy in asthma** *RESPIRATORY MEDICINE*  
Ernst, P., Franssen, E., Chanc, C. K. N., Okell, M., O'Byrne, P., Baie, T.  
2008; 102 (1): 77-81
- **Musashi1 antigen expression in human fetal germinal matrix development** *EXPERIMENTAL NEUROLOGY*  
Chan, C., Moore, B. E., Cotman, C. W., Okano, H., Tavares, R., Hovanesian, V., Pinar, H., Johanson, C. E., Svendsen, C. N., Stopa, E. G.  
2006; 201 (2): 515-518
- **Acute and long-term clinical and angiographic outcome after S-Stent implantation: S-Stent multicenter safety and efficacy trial** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Chan, C., Lim, Y. L., Santoso, T., Tresukosol, D., Lim, Y. T., Sonoda, S., Fitzgerald, P.  
2004; 62 (4): 439-44
- **Six- and twelve-month results from first human experience using everolimus-eluting stents with bioabsorbable polymer** *CIRCULATION*  
Grube, E., Sonoda, S., Ikeno, F., Honda, Y., Kar, S., Chan, C., Gerckens, U., Lansky, A. J., Fitzgerald, P. J.  
2004; 109 (18): 2168-2171
- **An intravascular ultrasound analysis from FUTURE I, the first human experience using everolimus-eluting stents: Six- and 12-month results** *53rd Annual Scientific Session of the American-College-of-Cardiology*  
Sonoda, S., Grube, E., SHIMADA, Y., Hassan, A. H., Yock, P. G., Chan, C., Honda, H., Kar, S., Lansky, A. J., Fitzgerald, P. J., Honda, Y.  
ELSEVIER SCIENCE INC.2004: 85A-86A
- **Effect of everolimus-eluting stents in preventing neointimal hyperplasia: An intravascular ultrasound analysis from the FUTURE II trial** *53rd Annual Scientific Session of the American-College-of-Cardiology*  
Sonoda, S., Grube, E., SHIMADA, Y., Hassan, A. H., Honda, Y., Yock, P. G., Chan, C., Honda, H., Kar, S., Hauptmann, K. E., Storger, H., Lansky, A. J., Fitzgerald, et al  
ELSEVIER SCIENCE INC.2004: 66A-66A

## PRESENTATIONS

- Computer Navigation for Placement of an All-Epiphyseal Anterior Cruciate Ligament Tunnel. - 127th Annual Meeting of the American Orthopaedic Association (June 18, 2014)
- Association Between Femoral Shaft and Ipsilateral Femoral Neck Fractures in the Pediatric Population - 2014 American Academy of Orthopaedic Surgery Annual Meeting (March 11, 2014)
- Computation Modeling to Evaluate Talar Dome Allograft for Hill-Sachs Lesions. - 33rd Arthroscopy Association of North America Annual Meeting (May 1, 2014)
- Effect of Preoperative Indications Conference on Procedural Planning for Treatment of Scoliosis. - 48th Annual Scoliosis Research Society Meeting (9/18/2013)
- Intraoperative Imaging of the Rotator Cuff Using Intravascular Ultrasound. - 30th Arthroscopy Association of North America Annual Meeting (April 14, 2011)
- Effect of Debridement of Biceps Tendon Insertion and Superior Labrum on Stability of the Shoulder Joint in a Cadaveric Concavity-Compression Model. - 32nd Arthroscopy Association of North America Annual Meeting (4/25/2013)