



Volume 8, Issue 2

December 2009

News

Visiting Professorship

Michael Tonkin MBBS, MD, FRACS was our Visiting Professor October 23 – October 29, 2009. Dr. Tonkin is a former fellow of the Christine M. Kleinert Institute and is currently a Professor of Hand Surgery at the University of Sydney, Australia.

The Visiting Professorship was established by Jewish Hospital in 1994 to commemorate the 30-year partnership of Harold Kleinert, MD and Joseph Kutz, MD, and the long relationship they share with both Jewish Hospital and the University of Louisville School of Medicine. It is supported by an endowment to the University of Louisville Foundation.

Lectures given by Dr. Tonkin:

“Wrist and finger balance in hand surgery”

“Congenital anomalies of the hand – genetics, classification and management”

“Syndactyly,” “Radial polydactyly,” “Thumb hypoplasia”

“Flexor tendon surgery: recent studies of repair strength and adhesion formation”

“Brachial plexus injuries: current concepts of management”

During Dr. Tonkin's visit we also held a “Wine and Cheese” reception where fellows and staff had an opportunity to present research work in progress. The following talks were presented and we received excellent feedback from Dr. Tonkin.

“Ulnar Styloid Fractures - Should they be Fixed?”

M. Fazlur Rahman, MD

“Anatomic Study on the Variation of the DMCA Confluence to the Digital Artery in the 2nd Web Space”

Jian-Yong Zhao, MD

“Assessment of Preganglionic Root Avulsion of the Brachial Plexus by Intraoperative Nerve Recoding”

James Clarkson, MD

“History of Microsurgery”

Joao Panattoni, MD

“Monitoring Arteriopathy in Composite Tissue Allotransplantation”

Christina Kaufman, PhD

“Kienbock’s Disease”

Tsu-Min Tsai, MD

“Update on Tissue Welding”

Joseph Kutz, MD

“Distal Radioulnar Joint”

Luis Schecker, MD



Joseph Kutz, MD and Michael Tonkin, MD



Michael Tonkin, MD

Research Committee

Research Committee meetings will be held Tuesday mornings (bi-weekly) to review all current research studies by fellows and their staff physicians, as well as staff research projects. There will be a 5-minute review of studies followed by questions and comments from the attendees.

Studies presented:

Radial approach carpal tunnel release compared to open 2-incision approach

Principal investigator: Tsu-Min Tsai, MD

Fellow investigator: Laura D’Agostino, MD

Epineural Sliding Technique in Rats

Principal investigator: Tuna Ozyurekoglu, MD

Fellow investigator: Tolga Turker, MD

Monitoring arteriopathy with Ultrasoundbiomicroscopy (UBM)

Christina Kaufman, PhD

Fellows: 2008-2009

The Christine M. Kleinert Institute would like to express appreciation to the following 2008-2009 fellows for their hard work and dedication during their fellowship. We wish each of them the very best in the next step in their surgical career.

Renato Botelho, M.D.

Orthopedic Service in Hand Surgery at the State Police Hospital in Niteroi, Rio De Janeiro, Brazil

James Clarkson, M.D.

Kleinert Institute Senior Fellow

Joris Duerinckx, M.D.

Orthopaedic Surgeon at Ziekenhuis Oost-Limburg in Genk, Belgium

Thomas Giesen, M.D.

Congenital Hand Malformation Fellow at Policlinico G.B. Rossi Hospital in Verona, Italy

William Huettner, M.D.

Attending in Hand and Plastics at Detroit Medical Center in Detroit, Michigan

Sangmog Lee, M.D.

Kleinert Institute Senior Fellow

Katleen Libberecht, M.D.

Fellow in Hand and Reconstructive Microsurgery at Ganga Hospital in Coimbatore, India

Jonathan Liu, M.D.

Returns to California to practice general surgery

Suhair Maqusi, M.D.

Plastic and Reconstructive Surgery Fellow at University of Illinois, Chicago

Christian Petruccio, M.D.

Staff Surgeon at Brown Hand Center in Houston, TX

Dina Rahhal, M.D., Senior Fellow

Hand Surgeon at University of Texas Southwestern in Dallas, Texas

Devesh Sharma, M.D.

Attending in General Surgery Dept at Geisinger Wyoming Valley Medical Center in Wilkes-Barre, PA

Tolga Turker, M.D.

Kleinert Institute Senior Fellow

Otto Wickstrom III, M.D.

Orthopedic hand surgeon at Orthopedics of Southern Indiana in Bloomington

Jae-Won Yang, M.D.

Plastic and reconstructive surgeon at Hand and Microsurgery Centre in Gyeong-Gi-Do, Korea

Jian-Yong Zhao, M.D., Research Fellow

Director of Department of Hand Surgery, HeBei Medical University Affiliated Cang Zhou Traditional and Western Medicine Integrated Hospital in Cang Zhou, Hebei, China

Fellows: 2009-2010

CMKI is fortunate to have the following extremely talented surgeons from the United States and Canada, as well as around the globe, serving as fellows in 2009-2010.

Shalimar Abdullah, M.D. – Orthopedic surgeon from Kuala Lumpur, Malaysia

Aswin Appukkuttan, M.D. – Plastic surgeon from Kerala, India

Asif Bhatti, M.D. – Plastic surgeon from Lahore, Pakistan.

Ainhoa Costas-Chavarri, M.D. – General surgeon who completed her residency in Chicago, IL

Fellowship News - Continued

- Laura D'Agostino, M.D.** – Orthopedic surgeon from Rosario, Argentina and former fellow in 2007-2008 returning for senior fellowship
- Vikas Dhawan, M.D.** – Plastic surgeon from Chandigarh, India and former fellow in 1999-2000.
- David Galpern, M.D.** – General surgeon who completed his residency in Brooklyn, NY
- Shushan Jacob, M.D.** – General surgeon who completed her residency in Philadelphia, PA
- Kuang Kuo, M.D.** – Orthopedic surgeon from Kaohsiung, Taiwan
- Wenjun Li, M.D.** – Orthopedic surgeon from Shanghai, China
- Emilie Mailhot, M.D.** – Plastic surgeon who completed her residency in Montreal, Quebec
- Yorell Manon-Matos, M.D.** – General surgeon who completed his residency in Springfield, MA
- Joao Panattoni, M.D.** – Orthopedic surgeon from Sao Paulo, Brazil and former fellow in 2007-2008 returning for senior fellowship
- Benjamin Paulson, M.D.** – General surgeon who completed his residency in Houston, TX
- Katharina Pellegrin, M.D.** – General surgeon who completed her residency in Los Angeles, CA
- Mohammad F. Rahman, M.D.** – Plastic surgeon from Karachi, Pakistan
- Dustin Ray, M.D.** – General surgeon who completed his residency in Washington, D.C.
- Sudhakar Reddappa, M.D.** – Orthopedic surgeon from Salalah, Oman
- Ignacio Roger de Ona, M.D.** – Orthopedic surgeon from Madrid, Spain
- Christiana Savvidou, M.D.** – Orthopedic surgeon from Athens, Greece

Publications - Book Chapters

Following is a list of publications and presentations by Kleinert Kutz / Kleinert Institute members since February 2009.

- H. E. Kleinert. Foreword - Surgery of the Injured Hand - Towards Functional Restoration. In: Surgery of the Injured Hand - Towards Functional Restoration, edited by R Venkataswami, Jaypee Brothers Medical Publishers, 2009.
- H. E. Kleinert. Complications of Flexor Tendon Injuries and their Management. In: Surgery of the Injured Hand - Toward Functional Restoration Ch 21, edited by R Venkataswami, Jaypee Brothers Medical Publishers, 2009, p. 255-262.
- L. R. Scheker and M. Saint-Cyr. Primary Composite Reconstruction of the Hand. In: Surgery of the Injured Hand - Towards Functional Restoration Ch 11, edited by R Venkataswami, Jaypee Brothers Medical Publishers, 2009, p. 142-152.
- L. R. Scheker, K. Ozer and B. A. Babb. Distal Radio Ulnar Joint Problems and Solutions. In: Surgery of the Injured Hand - Towards Functional Restoration Ch 36, edited by R Venkataswami, Jaypee Brothers Medical Publishers, 2009, p. 460-477.
- L. R. Scheker and B. A. Babb. Distal Radioulnar Joint Prosthesis. In: Slutsky, Osterman, Ed. Fractures and Injuries of the Distal Radius and Carpus – The Cutting Edge. Saunders/Elsevier Publishers, 2009, 373-382.
- S. Thirkannad and H. Kleinert. History of Hand Surgery. In: Surgery of the Injured Hand - Towards Functional Restoration Ch 1, edited by R Venkataswami, Jaypee Brothers Medical Publishing, 2009, p. 1-5.
- T. M. Tsai. Finger Joint Reconstruction by Toe Joint Transfers. In: Surgery of the Injured Hand - Towards Functional Restoration Ch 47, edited by R Venkataswami, Jaypee Brothers Medical Publishers, 2009, p. 565-576.

Journal Manuscripts

- M. J. Coffey, M. E. Stadnick, and S. M. Thirkannad. Re: "Stener-like" lesion in the little finger. *J.Hand Surg.Eur.* Vol. 34 (2):269-271, 2009.
- M. J. Coffey and S. M. Thirkannad. Glove-gauze regimen for the management of hand burns. *Tech.Hand Up Extrem.Surg.* 13 (1):4-6, 2009.
- M. J. Coffey, L. R. Schecker, and S. M. Thirkannad. Total Distal Radioulnar Joint Arthroplasty in Adults with Symptomatic Madelung's Deformity. *Hand (N.Y.)* ePub ahead of print (Mar 21, 2009).
- M. Kapickis, P. Sassu, and S. M. Thirkannad. Evaluation of Two Types of Vascular Bundles for Revascularization of Avascular Tissue. *J.Hand Surg.Am.*, 2009.
- C. L. Kaufman, B. Blair, E. Murphy, and W. B. Breidenbach. A new option for amputees: transplantation of the hand. *J.Rehabil.Res.Dev.* 46 (3):395-404, 2009.
- P. Sassu and T. M. Tsai. Transfer of the second to the first metatarsal ray in a case of lawn mower injury: a case report. *Microsurgery* 29 (3):184-187, 2009.
- S. Schneeberger, L. Landin, C. Kaufmann, V. S. Gorantla, G. Brandacher, P. Cavadas, W. P. Lee, W. C. Breidenbach, and R. Margreiter. Alemtuzumab: key for minimization of maintenance immunosuppression in reconstructive transplantation? *Transplant.Proc.* 41 (2):499-502, 2009.
- D. Sharma and S. Thirkannad. Palmar Xanthoma-An Indicator of a More Sinister Problem. *Hand (N.Y.)*, 2009.
- G. R. Tobin, W. C. Breidenbach, III, S. T. Ildstad, M. M. Marvin, J. F. Buell, and K. V. Ravindra. The history of human composite tissue allotransplantation. *Transplant.Proc.* 41 (2):466-471, 2009.
- T. M. Tsai, L. D'Agostino, Y. S. Fang, and H. Tien. Compound flap from the great toe and vascularized joints from the second toe for posttraumatic thumb reconstruction at the level of the proximal metacarpal bone. *Microsurgery* 29 (3):178-183, 2009.

Deadlines

American Society for Surgery of the Hand (ASSH) conference October 2010.
Scientific papers/abstracts/poster deadline is March 1, 2010.

Presentations

W.C. Breidenbach, III. Transplantation Grand Rounds, Thomas Starzl Transplantation Institute, University of Pittsburgh, Dec. 17-18, 2009.

W.C. Breidenbach, III, K.V. Ravindra, C. Burns, R. Zaring, and C.L. Kaufman. Transplant Arteriopathy and Immunosuppression Minimization in Hand Transplant Recipients. 2009 AST Annual Scientific Exchange, Dec. 3-6, 2009, in Orlando, Florida.

C.L. Kaufman, K.V. Ravindra, B. Blair, and W.C. Breidenbach, III. Unusual Lymphoma and Concurrent Presentation of Graft Arteriopathy in a Hand Transplant Recipient Three Years Post Transplant. 2009 AST Annual Scientific Exchange, Dec. 3-6, 2009, in Orlando, Florida.

W.C. Breidenbach, III. Early Closure of Contaminated Wounds, Use of Flaps in Extremity Reconstruction, Hand Transplantation from Concept to Reality, Immunology for CTA and Update on Hand Transplantation and the World Experience. At the XLV Chilean Meeting of Orthopaedic and Traumatology, Nov. 18-20, 2009.

B. Blair. Overview of Hand Transplantation. Life Connection of Ohio, Nursing Seminar, Nov. 5th, 2009.

W.C. Breidenbach, III. Lessons Learned in Hand Transplantation from the Last Decade, the American College of Surgeons Clinical Congress, Oct. 11-15, 2009, in Chicago, Illinois.

W.C. Breidenbach, III. Hand Transplantation from Concept to Reality and Update on Hand Transplant/CTA Louisville and World Experience at the Georgia Society of Surgery of the Hand, Oct. 8, 2009.

C.L. Kaufman. The Louisville Experience and New Challenges in CTA. 2009 Organ Donation Congress, Berlin, Germany, Oct. 8-10, 2009.

W. C. Breidenbach, III, K. V. Ravindra, B. Blair, J. F. Buell, and C.L. Kaufman. Update on the Louisville Hand Transplant Experience. International Society of the Hand, Sept.11-12, 2009, Valencia, Spain.

W. C. Breidenbach, III, K. V. Ravindra, B. Blair, C. Burns, R Zaring, and C.L. Kaufman. Transplant Arteriopathy in Clinical Hand Transplantation. International Society of the Hand, Sept.11-12, 2009, Valencia, Spain.

C. L. Kaufman, K.V. Ravindra, B. Blair, J. F. Buell, and W. C. Breidenbach,III. Unusual Presentation of Lymphoma in a Hand Transplant Recipient. International Society of the Hand, Sept.11-12, 2009, Valencia, Spain.

K. V. Ravindra, C.L. Kaufman, B. Blair, J. F. Buell, and W. C. Briedenbach,III. Immune function monitoring using the ImmunKnow Assay in Hand Transplant Recipients. International Society of the Hand, Sept.11-12, 2009, Valencia, Spain, 2009.

W.C. Breidenbach, III. Moderator and Presented, What's New in Nerve Repair. 2009 Combined Meeting of the ASSH and the ASHT. Nerve Pre-course. Sept. 2, 2009, San Francisco, CA.

T Giesen, D Elliot, R Aclund, and S.M. Thirkannad. Vascularization of the median nerve proximal to the transverse carpal ligament and its clinical application. in: 2009 Combined Meeting of the ASSH and the ASHT. Sept. 3-5, 2009, San Francisco, CA.

MF Rahman, M Coffey, and S.M. Thirkannad. Prognostic indicators after operative management of distal radius fractures. 2009 Combined Meeting of the ASSH and the ASHT. Sept. 3-5, 2009, San Francisco, CA. (Conference Poster)

N Reynolds and S.M. Thirkannad. Neuropsychological Problems in Children with Boxer's fractures. San Francisco, CA (7th Annual Adrian E. Flatt Residents and Fellows Conference; Combined Meeting of the ASSH & ASHT), Sept. 3-5, 2009.

S.M.Thirkannad. MRI Classification of Ulnar Collateral Ligament Injuries. 2009 Combined Meeting of the ASSH and the ASHT. Sept. 3-5, 2009, San Francisco, CA.

W. C. Breidenbach, III. Update on the American Hand Transplant Experience: Five Hand Transplants Performed in Louisville. in: 2009 American Transplant Congress. Boston, Massachusetts, May 30-June 3, 2009.

W. C. Breidenbach, III. An Unusual PTLD-Like Syndrome in Hand Transplant Recipient 2 Years Post Transplant. in: 2009 American Transplant Congress. Boston, Massachusetts, May 30-June 3, 2009.

C. L. Kaufman. Monotherapy From the Onset With Prograf in a Hand Transplant Recipient. in: 2009 American Transplant Congress. Boston, Massachusetts, May 30-June 3, 2009.

Resources

Morning Lecture

The daily lecture schedule is posted in the Kleinert Institute Conference Center and by the elevator on the 8th floor of the Jewish Hospital Outpatient Care Center. If you have a suggestion for a lecture topic, please speak with Tuna Özyürekoglu, MD.

Video Library

Media Services has over 400 educational videos and DVD's. A complete listing of videos/DVD's is located in the Institute (see Sherry or Lisa).

Illustrations

CMKI has over 2000 illustrations on file. We have started a print catalog of available art, which will be kept in Dr. Christina Kaufman's office. You can use this catalog to look for art for your presentations and publications.

Photographs

Media services have over 250,000 slides and approximately 68,000 digital files dating back to the 1960's. Please see Bryan Babb to request photos or to set up a time to have new photos taken. Additionally, we have a catalog of dissection photographs by Makoto Tamai, MD. This catalog is kept in Dr. Christina Kaufman's office.

Research

Anyone interested in pursuing a research project should meet with Dr. Christina Kaufman to discuss.

Support the Kleinert Institute

GoodSearch is a search engine which donates 50-percent of its revenue to the charities designated by its users. Christine M. Kleinert Institute is designated as a participating nonprofit organization that is already receiving donations. It's a simple and compelling concept. You use GoodSearch exactly as you would any other search engine. Because it's powered by Yahoo!, you get proven search results. The money GoodSearch donates to your cause comes from its advertisers — the users and the organizations do not spend a dime! You can also shop on the web and earn money up to 30% to your purchase for CMKI by visiting 'GoodShop', an extension of GoodSearch. You can choose CMKI to donate the proceeds to, proceeds that accumulate just by searching and shopping on the web. Just visit the following website and follow the simple installation instructions to use GoodSearch as your search engine. www.goodsearch.com

Thank You

The Kleinert Institute wishes to thank the following companies for their generous support:

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