

The Kline Festschrift an International Symposium on Nerve

October 19-20, 2007

LSU Health Sciences Center

Neuroscience Center Conference Room 835 – 8th Floor

New Orleans, Louisiana

SCIENTIFIC SESSION

Friday, October 19, 2007

7:00-8:00 AM **Registration and Continental Breakfast**

8:00-8:10 AM **Welcome: Nicolas Bazan, M.D., Ph.D.**

8:10-8:25 AM **History of LSU Neurosurgery- Frank Culicchia, M.D.**

Peripheral Nerve

8:25 AM-12:00 PM

Moderators: *John McGillicuddy and Austin Sumner*

(10 minute presentation and 2 minutes of questions)

8:25-8:37 AM Nerve Repair vs. Limb Replacement: A Program to Optimize Functional Restoration - *James M. Ecklund*

8:37-8:49 AM Experimental and Practical Measures to Accelerate Axon Regeneration of Repaired Peripheral Nerves - *Tessa Gordon and Wale Sulaiman*

8:49-9:01 AM Role of Intra-axonal Actin Transport in Peripheral Nerve Regeneration – *Irvine McQuarrie*

9:01-9:13 AM Cell Body Responses to Axonal Injury – *Peter Richardson*

9:13-9:25 AM Pathophysiology of Transient Compressive Neuropathy: Revisiting the Classic Sphygmomanometer Experiment – *Stephen Russell*

9:25-9:37 AM The Use of Information From Operative Peripheral Nerve Recordings - *Leo Happel*

9:37-9:49 AM Intraoperative Nerve Action Potentials: Problems and Pitfalls – *Everett Robert and David G. Kline*

9:49-10:01 AM New Approaches to Old Peripheral Nerve Problems - *Michel Kliot*

10:01- 10:21 AM **COFFEE BREAK**

Moderators: *Robert Spinner and Eric Zager*

(10 minute presentation and 2 minutes of questions)

10:21-10:33 AM Future Directions in Nerve Repair - *Rajiv Midha*

- 10:33-10:45 AM** The Use of Natural Latex-Derived Membrane (*Hevea brasiliensis*) in Sciatic Nerve Regeneration – Study in Rats - *Benedicto Oscar Colli and Marcos Oltramari*
- 10:45-10:57 AM** MR Neurography, Open MR Guided Injections - *Aaron Filler*
- 10:57-11:09 AM** Neurofibromatosis and Nerve Tumor Surgery - *Allan Belzberg*
- 11:09-11:21 AM** Peripheral Nervous System as a Conduit for Delivering Therapies to the Motor Neurons and Sensory Neurons for Treatment of Diabetic Neuropathy, ALS, and Peripheral Nerve Regeneration – *Nicholas Boulis*
- 11:21-11:33 AM** A Brief History of Nerve Surgery – *Allan Friedman*
- 11:33-11:45 AM** Lipofibrohamartoma in an Infant – *Alice Cherqui and Wale Sulaiman*
- 12:00-1:00 PM** **LUNCH**
- 1:00-1:30 PM** **Special Lecture: System transformation-*Alan Hudson***

Brachial Plexus

1:30-5:00 PM

Moderators: *Kevin Lillehei and Rolfe Birch*

(10 minute presentation and 2 minutes of questions)

- 1:30-1:42 PM** Parsonage – Turner Syndrome Revisited: New Thoughts on Idiopathic Brachial Neuritis – *Austin Sumner*
- 1:42-1:54 PM** Brachial Plexus Injuries: An Experience of 450 Operated Cases – *Ketan Desai*
- 1:54-2:06 PM** Cervical Nerve Root Avulsion, Evaluation and Treatment - *Shokei Yamada*
- 2:06-2:18 PM** Phrenic Nerve Transfer in the Treatment of Brachial Plexus Avulsion Injury – *Mario Siqueira*
- 2:18-2:30 PM** Brachial Plexus Functional Outcome after Stretch Injuries – *Line Jacques*
- 2:30-2:42 PM** Patient Satisfaction and Quality of Life after Brachial Plexus Surgery- *Thomas Kretschmer*
- 2:42-2:54 PM** EMG, NAP and CMAP in OBPP - *M.J.A. Malesy*
- 2:54-3:06 PM** Nerve Transfer Surgery for Brachial Plexus Injuries: 10-year Experience at Louisiana State University Health Sciences Center – *Wale Sulaiman, Daniel Kim and David Kline*
- 3:06-3:26 PM** **COFFEE BREAK**

Moderators: *Michael Kliot and Tom Brushhart*

(10 minute presentation and 2 minutes of questions)

- 3:26-3:41 PM** Current Concepts of Cranial Nerve and Vascular Compression Syndromes – *Peter Jannetta*
- 3:41-3:56 PM** Lessons Learned from Peripheral Nerve Injuries during the War in Ex-Yugoslavia – *Hans-Peter Richter*
- 3:56-4:08 PM** Hemangiomas of the Brachial Plexus – *Eric L. Zager*
- 4:08-4:20 PM** Brachial Plexus Region Tumors: An Experience of 90 Surgical Cases – *Ketan Desai*
(Comment) – *Eric L. Zager*
- 4:20-4:32 PM** Desmoid Tumors of the Brachial Plexes – *Kevin Lillehei*
- 4:32-4:44 PM** Causalgia a Restatement – *Rolfe M. Birch*
- 4:44-4:56 PM** Unusual Entrapment – Piriformis Syndrome – Myth or Realty? – *Aruna Ganju*
- 4:56-5:08 PM** Biological Based Diagnostics and Therapeutics in NF1 Associated MPNST- *Abhijit Guba*
- 5:08-5:20 PM** LSUHSC Experience in the Newborn Plexus Palsies – *Yaser Badr and David Kline*

5:30 PM

ADJOURN

7:00 PM

DINNER

The Windsor Court Hotel

SCIENTIFIC SESSION

Saturday, October 20, 2007

7:00-8:00 AM

Continental Breakfast

8:00-8:30 AM

The David Kline Legacy

Tumors, Entrapments and Others

8:30 AM-12:00 PM

Moderators: *Mario G. Siguiera and Raj Midha*

(10 minute presentation and 2 minutes of questions)

8:30-8:42 AM

Intraneural Ganglia: The Evolution and Revolution of a Theory-
Robert Spinner

8:42-8:54 AM

Electrophysiologic and Pressure Measurements in the Cubital
Tunnel – *Allen Maniker*

8:54-9:06 AM

Cubital Tunnel Syndrome - *Bruce Ebni*

9:06-9:18 AM

Minimal Access Surgery for Pelvic Nerve Entrapments and
Thoracic Outlet Syndrome – *Aaron Filler*

- 9:18-9:30 AM Groin Pain and Pelvic Plexus Nerves – *Daniel Kim*
- 9:30-9:42 AM Summary Literature Review of David Kline’s Peripheral Nerve Papers – *Judith Murovic*
- 9:42-10:00 AM **COFFEE BREAK**
- Moderators:** *Allen Maniker and Daniel Kim*
- (10 minute presentation and 2 minutes of questions)
- 10:00-10:12 AM Entubulation Nerve Repair: The First Steps to a Bio-Artificial Nerve Graft? – *Simon Archibald*
- 10:12-10:24 AM Peroneal Nerve Injuries in Traumatic Dislocations of the Knee – *John McGillicuddy*
- 10:24-10:36 AM Experience with Sciatic Neuropathy – *Justin Owen and Daniel Kim*
- 10:36-10:48 AM Experience with Femoral Neuropathy – *Esmiralda Yermeyeva and David Kline*
- 10:48-11:00 AM Unusual Tumor Presentation – *John Gachiani and David Kline*
- 11:00-11:12 AM Three Peripheral Nerve Tumors - *Fredric L. Edelman*
- 11:12-11:24 AM Schwann Cell Phenotype and its Impact on Neural Reconstruction – *Thomas Brushart*
- 11:24-11:36 AM Laparoscopic Neurectomy for Groin Pain – *Lynda Yang*
- 11:36-11:48 PM Non-Obstetric Pediatric Nerve Injury-Functional Outcomes And/or Pediatric Brachial Plexus Injury in Birth Injury –*Holly Gilmer-Hill*
- 12:00 PM **ADJOURN**