

# Neurometer<sup>®</sup> CPT

## Sensory Nerve Conduction Threshold (sNCT<sup>®</sup>) Electrodiagnostic Evaluation

### Institutional Involvement

1/2009

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## NEUROTRON, INCORPORATED

INNOVATIVE MEDICAL TECHNOLOGY

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## Institutional Users

Presently, the sNCT evaluation is being employed for non-investigational, clinical purposes under the supervision of health care providers at more than five thousand locations in the United States and overseas. The following is a partial listing of medical institutions at which sNCT studies have been employed.

Army Hospital 301, Beijing, China  
Baptist Memorial Hospital, Union City, TN  
Bellevue Hospital, NY  
Board Certified Clinical Neurophysiology Portland, OR  
Booth Memorial Hospital, NY  
Boston Univ. School of Medicine, Boston, MA  
Brookdale Hospital, NY  
Canadian Ministry of Labor, Ontario, Canada  
Cancer Therapy and Rsrch. Foundation of South Texas  
Centers for Disease Control, National Institute for Occupational Safety and Health,  
Central Carolina Hospital, Sanford, NC  
Children's Hospital of Orange County, CA  
Cleveland Clinic, Cleveland, OH  
Cornell Univ. Medical Center, NY  
Craig Hospital Denver, CO  
Creighton Univ. School of Medicine, NE  
Crosbyton Clinic Hospital, Crosbyton, TX  
Davie County Hospital, Mocksville, NC  
Duke Univ. Medical Center Durham, NC  
Eastern Carolina Univ. Sch. of Medic., Greenville, NC  
Eastern Virginia Medical College, VA  
Eisenhower Medical Center, Rancho Mirage, CA  
Emory Univ. School of Medicine, Atlanta, GA  
Flushing Medical Center, NY  
Fountain Valley Regional Medical Center, CA  
Francis Scott Key Medical Center, Baltimore, MD  
Geisinger Clinic, Danville, PA  
George Washington Univ., Washington, DC  
Glenwood Regional Medical Center, West Monroe, CA  
Harvard Univ., MA  
Headache and Neuro. Institute, Northglenn, CO  
Hospital Center At Orange, Orange, NJ  
International Diabetes Institute Victoria, Australia  
Johns Hopkins Medical Institution, MD  
Lady Davis Carmel Hospital, Haifa, Israel  
Loma Linda Univ., Loma Linda, CA  
Long Island College Hospital, NY  
Manchester Royal Infirmary, Manchester, UK  
Mayo Clinic Rochester, MN  
Memorial Sloan-Kettering Hospital, NY  
Mensana Clinic Baltimore, MD  
Metropolitan Medical Center, Washington, DC  
Michael Reese Hospital, Chicago, IL  
Mount Sinai School of Medicine, NY  
Mount Sinai Hospital, NY  
Murray Calloway County Hospital, KY  
National Taiwan Univ. Hospital, Taipai, Taiwan  
National Rehabilitation Hospital, Washington, D.C.  
National Pain Institutes, Los Angeles, CA  
New York Univ. Medical Center, NY  
New York Medical College, NY  
Ohio State Univ., Columbus, OH  
Orthopedics and Sports Medicine of Bermuda, Ltd  
Richmond Memorial Hospital, Staten Island, NY  
Rush Presbyterian St. Lukes Hospital, Chicago, IL  
Scott County Hospital, Oneida, TN  
Simmelweis Univ., Budapest, Hungary  
South Western Medical School, Dallas, TX  
St. Josephs Hospital, Mt. Clemens, MI  
St. George Medical Center, Huntington Park, CA  
St. Michaels Hospital, Ontario, Canada  
St. Peters Medical Center, New Brunswick, NY  
Stanford Univ. Palo Alto, CA  
State Univ of New York Health Sci. Ctr, Syracuse NY  
Texas Tech Univ. Lubbock, TX  
The Diabetes Center at Humana Hospital, Aurora, CO  
Tulane Univ. New Orleans, LA  
United States Air Force  
Univ. of New Mexico, Albuquerque, NM  
Univ. of Kansas, Kansas City, KS  
Univ. of California, San Francisco, CA  
Univ. of Illinois Chicago, IL  
Univ. of California, San Diego, CA  
Univ. of Chicago, Chicago, IL  
Univ. of Iowa  
Univ. of Rochester Medical Center, NY  
Univ. of California San Diego San Diego, CA  
Univ. of California, Los Angeles, CA  
Univ. of Florida, Miami, FL  
Univ. of Kansas, Wichita, KS  
Univ. of Colorado Denver, CO  
Univ. of Louisville, KY  
Univ. of Miami Medical School, FL  
Univ. of Michigan, MI  
Univ. of North Carolina, Chapel Hill, NC  
Univ. of California, Irvine, CA  
Univ. of Virginia, Charlottesville, VA  
Univ. of Tromso, Norway  
Univ. of Texas Health Science Center, San Antonio, TX  
Univ. of Texas Health Science Center, Dallas, TX  
Univ. Hospitals of Cleveland, Cleveland, OH  
Univ. Hospital, Jacksonville, FL  
USC Univ. Hospital, Los Angeles, CA  
Veterans Admin. Medical Center, North Chicago, IL  
Veterans Admin. Medical Center, Louisville, KY  
Veterans Admin. Medical Center, New Orleans, LA  
Veterans Admin. Medical Center, El Paso, TX  
Veterans Admin. Medical Center, Augusta, GA  
Veterans Admin. Medical Center, Boston, MA  
Veterans Admin. Medical Center, Denver, CO  
Veterans Admin. Medical Center, Long Beach, CA  
Veterans Admin. Medical Center, Newington, CT  
Veterans Admin. Medical Center, Shreveport, LA  
Veterans Admin. Medical Center, Salem, VA  
Veterans General Hospital, Taipai, Taiwan  
Virginia Commonwealth Univ., Medical College of VA  
Wake Forest Univ. Winston Salem, NC  
West Palm Beach Hospital, FL  
Wheeling Hospital, Wheeling, WV  
Worker's Comp. Bd., Downsview Rehab. Ctr, Ont. Canada

## Medical Organization Education and Publications

Use of sNCT electrodiagnostic studies has been taught in accredited Continuing Medical Education courses by the American Academy of Neurology, the American Association of Electrodiagnostic Medicine, the American Society for Clinical Evoked Potentials, the American Diabetes Association, World Institute of Pain and numerous other national and international professional medical associations and institutions since 1985. The following is a partial listing of medical organizations whose publications have reported on the sNCT evaluation

American Academy of Neurology  
American Academy of Clinical Neurophysiology  
American Association of Electrodiagnostic Medicine  
American Neurology Association  
American Academy of Physical Medicine and Rehabilitation Medicine  
American Academy of Pain Management  
American Diabetes Association  
American Assoc. of Pharmacology and Experimental Therapeutics  
American Autonomic Society  
American Society for Artificial Internal Organs  
American Society of Nephrology  
American Pain Society  
American Podiatric Medical Association  
American Physical Therapy Association  
American Rheumatology Association  
American College of Occupational and Environmental Medicine  
American Electroencephalographic Society  
American Society of Anesthesiology  
American Society of Regional Anesthesia  
British Diabetes Association  
European Association for the Study of Diabetes  
International Association for the Study of Pain  
International Association of Dental Research  
International Anesthesia Research Association  
International Society for Magnetic Resonance in Medicine  
International Society of Internal Medicine  
International Diabetes Federation  
International Conference on AIDS  
Japan Society of Pain Clinicians  
Japanese Diabetes Association  
Japan Pain Clinic Association  
American Society for Clinical Evoked Potentials  
United States National Institutes of Health  
US Dept. of Health and Human Services, Public Health Agency for Toxic Substances and Disease Registry  
The Endocrine Society and Diabetes Assoc. of the Republic of China  
North American Spine Society  
World Congress of Neurology  
World Congress of Pain  
World Institute of Pain

**Medical Institution Listing By Speciality Field** This is a partial listing based primarily on the selected bibliography of Neurometer® publications presented at:  
[www.neurotron.com/research/publications.html](http://www.neurotron.com/research/publications.html)

## **Anesthesiology**

1. Department of Anesthesia and Surgical Services (DASS), National Institute of Health Clinical Center (NIH-CC), Bethesda, Maryland, Maryland, USA
2. Department of Anesthesia, Nagasaki University School of Medicine, Nagasaki, Japan
3. Department of Anesthesiology, Penn State University, Hershey, Pennsylvania
4. Department of Anesthesiology, Medical Center East, Tokyo Women's Medical University, Arakawa-ku, Tokyo, Japan.
5. Anesthesiology of Uresino National Hospital, Fujitsu-gun, Saga, Japan.
6. Catholic Medical Center, Seoul St. Mary's Hospital. Department of Anesthesiology, Seoul, Korea
7. Department of Anesthesiology, Junetendo University, Tokyo, Japan.
8. Department of Anesthesiology and Pain Relief Center, University of Tokyo, Tokyo University, Tokyo, Japan.
9. Department of Anesthesiology and Pain Center, Kyorin University School of Medicine, Mitaka, Tokyo, Japan
10. Department of Anesthesiology, Oita Medical College, Idaigaoka, Hasama, Oita-Ken, Japan
11. Department of Anesthesiology, Penn State University, Hershey, Pennsylvania, USA
12. Department of Anesthesiology, Shimane Medical College, Enya-Cho, Izumo City, Japan
13. Department of Anesthesia, Stanford University School of Medicine, Stanford, California, USA
14. Department of Anesthesiology, Virginia Mason Medical Center, Seattle, Washington, USA
15. California Pain Medicine
16. The Catholic University of Korea
17. Pain Management Center, The Cleveland Clinic Foundation, Cleveland, Ohio, USA
18. Department of Anesthesia, Harvard Medical School, Boston, Massachusetts, USA
19. UCLA Pain Medicine Center, Los Angeles, California, USA
20. Dept. Of Anesthesiology, University of California-San Diego, La Jolla, California, USA
21. Department of Special Anesthesia and Pain Therapy, Department of Anesthesiology and Intensive Care Medicine A. Medical University of Vienna. Vienna, Austria
22. Department of Anesthesia, Mito Sayseikai General Hospital, Mito, Ibaraki
23. The Massachusetts General Hospital Pain Center, Boston, Massachusetts, USA
24. Department of Anesthesiology, Kansai University,, Japan.
25. Department of Anesthesiology, Texas Tech University Health Sciences Center, Lubbock, Texas, US.

## **Dermatology**

1. Department of Dermatology, Division of Biostatistics and Office of Clinical Research, University of Minnesota, Minneapolis, Minnesota, USA.
2. Department of Dermatology, Chonnam University Medical School, Hack-Dong 8, Gwangju,

Korea

3. Department of Dermatology, University of Vienna, Vienna, Austria
4. Department of Neurology, New York Medical College, Valhalla, New York, USA
5. Nagoya Laboratories, Aichi, Japan
6. Department of Dermatology, Tohoku University Graduate School of Medicine, Sendai, Japan.  
Osaka Regional Office, Kyowa Hakko Kogyo Co Ltd., Osaka, Japan

## **Diabetes/Endocrinology**

1. Department of Endocrinology and Diabetes, Nagoya University Graduate School of Medicine, Nagoya, Japan.
2. Department of Diabetes, Dudley Road Hospital, Birmingham, UK
3. Center of Diabetes Translation, National Institutes of Health (NIH), Bethesda, Maryland, USA
4. Department of Diabetes, Royal Hallamshire Hospital, Sheffield, UK
5. The Diabetes Centre, Manchester Royal Infirmary
6. Department of Endocrinology, Veterans Affairs Medical Center, San Francisco, California, USA
7. Austin Health, Endocrinology Centre of Excellence, Heidelberg Repatriation Hospital, Heidelberg, Australia
8. Northern California Diabetes Institute, Seton Medical Center, Dale City, California, USA
9. Deaconess-Joslin Foot Center, Harvard Medical School, Boston, MA
10. Joslin Center for Diabetes at Baptist Hospital, Miami, FL
11. Department of Endocrinology, Tongren Hospital Affiliated to Capital University of Medical Sciences, Beijing, China
12. Austin Health, Endocrinology Centre of Excellence, Heidelberg Repatriation Hospital, Heidelberg, Australia
13. Creighton Diabetes Center, Omaha, Nebraska, USA

## **Dentistry**

1. Kriser Dental Center, New York University, New York, USA
2. New York University, College of Dentistry, New York, New York, USA
3. International Diabetes Institute, Victoria, Australia
4. Department of Dermatology, Division of Biostatistics and Office of Clinical Research, University of Minnesota, Minneapolis, Minnesota, USA.
5. Osaka University Dental Hospital, Osaka University, Suita, Japan
6. University of Medicine and Dentistry New Jersey, Newark, New Jersey, USA
7. University of Medicine New Jersey Dental School, Newark, New Jersey, USA
8. Department of Gnatho-Oral Prosthetic Rehabilitation, Nihon University School of Dentistry at Matsudo, Matsudo, Chiba, Japan
9. Faculty of Dentistry, McGill University, Montreal, Canada
10. Nippon Dental University, Nippon, Japan.
11. Nihon University School of Dentistry at Matsudo, Matsudo, Chiba, Japan

## **Gastroentology**

1. Dept of Gastroenterology, Fejer Megyei Szent-Gyorgy Hospital, Szekefehervar, Hungary

## **Gerontology**

1. Division of Gerontology Research, National Health Research Institutes, Taiwan
2. Creighton University Geriatric Center, Omaha, Nebraska, USA

## **Internal Medicine**

1. Department of Medicine, University of California, San Francisco, California, USA
2. Departments of Internal Medicine and Medical Hygiene, Kitasato University School of Medicine, Minato, Tokyo, Japan.
3. Department of Medicine, Cabrini Medical Center, New York, New York, USA
4. Department of Internal Medicine, Tohoku Kosei-Nenkin Hospital, Sendai, Japan.
5. Department of Internal Medicine and Graduate Institute of Clinical Medicine, National Taiwan University Hospital, Taipei, Taiwan.
6. Department of Medicine, New York Medical College, Valhalla, New York, USA
7. Department of Internal Medicine Ohio State University College of Medicine, Columbus, Ohio, USA
8. Department of Medicine, Division of General Internal Medicine, University Hospital Nijmegen, the Netherlands
9. Tahoka University Graduate School of Medicine, Sendai, Japan
10. Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan
11. 1st Department of Medicine, Semmelweis University, Budapest, Hungary
12. Département de Chirurgie, Faculté de Médecine, Université Laval, Québec, QC, Canada
13. Department of Medicine, New York Medical College, New York, New York, USA
14. Department of Medicine, University of Liverpool. Manchester Royal Infirmary, UK
15. Laboratoire d'Organogénèse Expérimentale (LOEX), Centre de Recherche FRSQ du CHA Universitaire de Québec, Hôpital du Saint-Sacrement, Québec, QC, Canada

## **Nephrology**

1. The Avram Center for Kidney Disease, Division of Nephrology; The Long Island College Hospital, Brooklyn, New York, USA
2. Huntington Artificial Kidney Center, Freeport, NY
3. Brooklyn Kidney Center West Chester Artificial Kidney Center West Valhalla, NY

## **Neurology**

1. Division of Neuronal Network, Division of Molecular and Developmental Biology The Institute of Medical Science, The University of Tokyo.
2. Department of Neurology, Faculty of Medicine, University of Chile
3. Department of Neurology, Good Samaritan Hospital, Portland, Oregon, USA.
4. Department of Neurology, Harvard Medical School, Boston, Massachusetts, USA
5. Department of Neurology, Manchester Royal Infirmary, Manchester, UK

6. Department of Neurology, Medical College of Wisconsin, Milwaukee, Wisconsin, USA
7. Department of Neurology, University of Texas Health Sciences, San Antonio, Texas, USA
8. Neurophysiology Lab 60th Medical Group, AMC, United States Air Force, Travis Air Force Base
9. Department of Neurology, University of Illinois Medical School at Rockford, Chicago, Illinois, USA
10. Neurology - Neuromuscular, Neurological Institute, Columbia University, New York, New York
11. Neuromuscular Laboratory, Veterans Administration Hospital, New Orleans, Louisiana, USA
12. Department of Clinical Neurology, Tulane University, New Orleans, Louisiana, USA
13. Department of Neurology, University of Colorado School of Medicine, Denver, Colorado, USA
14. Department of Neurology Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois, USA
15. Department of Neurology, Francis Scott Key Medical Center, John Hopkins Medical Institutions, Baltimore, MD.
16. Departments of Neurology and Pathology St. Vincent's Medical Center, New York Medical College, New York, New York, USA
17. Department of Neurology, Mayo Clinic, Rochester, MD

## **Occupational Health and Safety**

1. Center for Occupational and Environmental Neurology, Baltimore, Maryland
2. Occupational Safety & Health Administration, U.S. Department of Labor, Temple University, Philadelphia, Pennsylvania, USA
3. Department of Occupational and Environmental Health, St. Michael's Hospital, Toronto, Ontario.
4. Institute of Occupational and Environmental Health, West Virginia University, Morgantown, West Virginia, USA
5. Columbia Spine Center, Columbia, Missouri, USA

## **Pharmacology**

1. Department of Pharmacology, Sandoz Institute for Medical Research, London
2. Institute of Clinical Pharmacology, Johann Wolfgang Goethe-University, Frankfurt am Main, Germany
3. Division of Molecular Pharmacology and Neuroscience, Nagasaki University, Graduate School of Biomedical Sciences, Nagasaki, Japan.
4. Laboratory of Molecular and Cellular Biochemistry, Graduate School of Pharmaceutical Sciences, Tohoku University, Sendai, Japan

## **Pediatrics**

Department of Pediatrics, The University of Kansas School of Medicine, Wichita, Kansas, USA

## **Public Health**

1. Center for Disease Control, Atlanta, Georgia, USA
2. Human Motor Control Section, Medical Neurology Branch, National Institute of Neurological Disorders and Stroke, NIH, Bethesda, Maryland, USA
3. National Institutes of Health (NIH), Bethesda, Maryland, USA
4. National Taiwan University School of Public Health, Institute of Preventive Medicine, Taipei City, Taiwan.
5. Public Health and Information Sciences, University of Louisville, Louisville, Kentucky, USA
6. National Research Fund and the Ministry of Welfare, Manila Phillipines
7. Zsigmond Foundation, Manila, Phillipines

## **Psychiatry/Psychology**

1. Department of Psychology, City University of New York, New York, New York, USA
2. Department of Biological Psychiatry, Medical University of Vienna, Vienna, Austria, USA
3. Department of Psychiatry, University of Illinois Medical School at Rockford, Chicago, Illinois, USA
4. Outpatient, Department of Neuropsychiatry, Semmelweiss University, Budapest, Hungary
5. Department of Psychiatry, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois, USA

## **Radiology**

1. Department of Diagnostic Radiology and Imaging Science, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea.
2. Department of Neuroradiology, Harvard Medical School, Boston, Massachusetts, USA
3. Department of Neuroimaging, McClean Hospital, Boston, Massachusetts, USA
4. Center of Excellence for Education and Research on Photonics and Electronics Science and Engineering, Kyoto University, Global COE, Japan.
5. Department of Neurosurgery, Physical Medicine and Rehabilitation, Craig Hospital, Englewood, Colorado, USA

## **Rehabilitation**

2. Collins Hand Therapy, Minneapolis, Minnesota, USA
3. Physical Medicine and Rehabilitation, Upstate Medical University, Syracuse, New York, USA
4. Department of Physical and Rehabilitation Medicine, Hallym University Sacred Heart Hospital, Republic of Korea
5. Department of Physical Medicine and Rehabilitation, Division for Neurorehabilitation, Stroke and Cerebrovascular Center, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea.
6. Department of Physical Medicine and Rehabilitation, Chonbuk National University Medical School, Republic of Korea
7. School of Physiotherapy, The University of Melbourne, Parkville, Victoria, Australia

8. Division of Physiotherapy and National Health and Medical Research Council Centre for Clinical Research Excellence in Spinal Pain, Injury and Health (CCRE Spine), School of Health and Rehabilitation Sciences, The University of Queensland, Australia.
9. National Rehabilitation Hospital, Washington, DC, USA
10. Department of Rehabilitation Medicine, New York University Medical Center, New York New York, USA
11. Department of Rehabilitation, Korea University Medical Center, Seoul, Korea
12. Department of Physical Medicine and Rehabilitation, New York University, New York, New York, USA
13. Department of Rehabilitation Medicine, New York University
14. Centre of National Research on Disability and Rehabilitation Medicine (CONROD), The University of Queensland, Mayne Medical School, Herston QLD 4006, Australia.
15. Department of Physical and Rehabilitation Medicine, Hallym University Sacred Heart Hospital, Republic of Korea.
16. Department of Physical Medicine and Rehabilitation, Chonbuk National University Medical School, Republic of Korea
17. Department of Physical Therapy, Graduate School of Rehabilitation Science, Yonsei University
18. Department of Physical Therapy, Catholic University of Daegu, Daegu, Republic of Korea
19. Department of Physical and Rehabilitation Medicine, Hallym University Sacred Heart Hospital, Republic of Korea.
20. Department of Physical Medicine and Rehabilitation, Chonbuk National University Medical School, Republic of Korea

### **Surgery-General**

1. Department of Surgery, Ohio State University College, Columbus, Ohio, USA
2. Surgical Operation Center, Shimane Medical University, Izumo City, Shimane Prefecture, Japan

### **Surgery- Neurosurgery**

1. Department of Neurosurgery, Shanghai Ninth People's Hospital, School of Medicine, Shanghai Jiaotong University, Shanghai 200011, China
2. Department of Neurosurgery, SUNY Upstate Medical University, Syracuse, New York, New York, USA
3. Department of Neurosurgery, Manchester Royal Infirmary, Manchester, UK

### **Surgery- Reconstructive**

1. Department of Orthopedic Surgery and Division of Plastic and Reconstructive Surgery, UCLA Medical Center, Los Angeles, California, USA
2. Division of Plastic and Reconstructive Surgery, Washington University in St. Louis, School of Medicine, St. Louis, Missouri, USA
3. Division of Plastic Surgery, Springfield Clinic, Southern Illinois University, Springfield,

- Illinois, USA
4. Plastic Surgery training program, University of Minnesota, Minneapolis, Minnesota, USA

### **Urology**

1. Department of Urology, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, USA
2. Urology Research Institute, Beaumont Hospitals, Royal Oak, Michigan, USA