

Workshop on Charcot Neuroarthropathy—Where Are We in 2008 and Where Should We Go Next?

September 17-18, 2008
Bethesda Marriott, Bethesda, MD

AGENDA

Wednesday, September 17, 2008

8:30 – 8:30 a.m. Registration

SESSION I: INTRODUCTION AND BACKGROUND

8:30 – 8:45 a.m. Welcome

Judith Fradkin, M.D., Division Director, Diabetes, Endocrinology and Metabolism, National Institute of Diabetes and Digestive and Kidney Diseases,
National Institutes of Health
Office of Rare Diseases, National Institutes of Health

8:45 – 9:05 a.m. Diabetic Neuropathy and Foot Disease: A Medical, Social, and Economic Disaster with Potential for Prevention

Andrew Boulton, M.D., F.R.C.P., University of Manchester

9:05 – 9:10 a.m. Discussion

9:10 – 9:30 a.m. Charcot Neuroarthropathy: Historical Aspect

Lee Sanders, D.P.M., Lebanon VA Medical Center

9:30 – 9:35 a.m. Discussion

9:35 – 9:55 a.m. The Diabetic Charcot Foot: Definition, Classification, and Staging

Robert Frykberg, D.P.M., M.P.H., Carl T. Hayden Medical Center

9:55 – 10:05 a.m. Discussion

10:05 – 10:25 a.m. Epidemiology of Charcot Neuroarthropathy

David Margolis, M.D., Ph.D., University of Pennsylvania

10:25 – 10:35 a.m. Discussion

10:35 – 10:55 a.m. Break

10:55 – 11:05 a.m. Submitted Abstract Presentation: Quality of Life of Patients Affected by Charcot Neuroarthropathy

Loretta Vileikyte, M.D., Ph.D., University of Manchester

11:05 – 11:10 a.m. Discussion

11:10 – 11:20 a.m. Submitted Abstract Presentation: The Association Between Obesity and Charcot Neuroarthropathy in a Diabetic Population
Elly Budiman-Mak, M.D., M.P.H., Loyola University Stritch School of Medicine and Edward Hines Jr. VA Hospital

11:20 – 11:25 a.m. Discussion

SESSION II: UPDATE ON CALCIUM AND BONE BIOLOGY

11:25 – 11:45 a.m. Bone Biology and Control Mechanisms: Normal Bone Turnover, Fracture Healing, and Possible Abnormalities in Charcot Neuroarthropathy
Greg Mundy, M.D., Vanderbilt University

11:45 – 11:55 a.m. Discussion

11:55 – 12:15 p.m. The RANKL-OPG System and the Bone Vascular Interphase
Lorenz Hofbauer, University Hospital Carl Gustav Carus at the Technical University of Dresden

12:15 – 12:25 p.m. Discussion

12:25 – 12:35 p.m. Submitted Abstract Presentation: Radiographic Correlates of Charcot Neuroarthropathy Deformity Reflect Midfoot Function and Calcaneal Bone Mineral Density
Mary K. Hastings, D.P.T., P.T., A.T.C., Washington University School of Medicine

12:35 – 12:40 p.m. Discussion

12:40 – 12:50 p.m. Submitted Abstract Presentation: The Role of the Proinflammatory Cytokine TNF- α in Acute Charcot Neuroarthropathy
Michael Edmonds, M.D., King's College Hospital, London, UK

12:50 – 12:55 p.m. Discussion

12:55 – 2:00 p.m. Lunch (on your own)

SESSION III: PATHOGENESIS AND DIAGNOSIS

2:00 – 2:20 p.m. Aetiopathogenesis of Charcot Neuroarthropathy: An Update for 2008
William Jeffcoate, M.D., University of Nottingham and City Hospital

2:20 – 2:30 p.m. Discussion

2:30 – 2:50 p.m. Risk Factors for Charcot Neuroarthropathy
Michael Edmonds, M.D., University of London

2:50 – 3:00 p.m. Discussion

3:00 – 3:20 p.m. Advances in Understanding of Charcot Disease and Implications for Diabetes in General

William Jeffcoate, M.D., University of Nottingham and City Hospital

3:20 – 3:30 p.m. Discussion

3:30 – 3:50 p.m. Break

3:50 – 4:10 p.m. Goals of Therapy of Charcot Fractures and Assessment of Outcomes

Peter R. Cavanagh, Ph.D., D.Sc., University of Washington

4:10 – 4:20 p.m. Discussion

4:20 – 4:30 p.m. Submitted Abstract Presentation: Association Between Osteoprotegerin G1181C and T245G Polymorphisms and Charcot Neuroarthropathy

Dario Pitocco, M.D., Catholic University, Rome, Italy

4:30 – 4:35 p.m. Discussion

4:35 – 4:45 p.m. Submitted Abstract Presentation: Atlas-Based Quantitative Imaging in Charcot Neuroarthropathy

David R. Sinacore, Ph.D., P.T., F.A.P.T.A., Washington University School of Medicine

4:45 – 4:50 p.m. Discussion

Thursday, September 18, 2008

SESSION IV: MANAGEMENT

9:00 – 9:20 a.m. Methods for Early Diagnosis

Luigi Uccioli, M.D., University of Rome

9:20 – 9:30 a.m. Discussion

9:30 – 9:50 a.m. Current Medical Management of Acute CN

Jan Ulbrecht, M.D., The Pennsylvania State University

9:50 – 10:00 a.m. Discussion

10:00 – 10:20 a.m. The Surgical Management of Diabetic Charcot Arthropathy: Evidence-Based Medicine or Lack Thereof?

Dane Wukich, M.D., University of Pittsburgh Medical Center

10:20 – 10:30 a.m. Discussion

10:30 – 10:50 a.m. Break

10:50 – 11:10 a.m. Achieving Therapy for Rare Diseases
William Gahl, M.D., Ph.D., National Human Genome Research Institute

11:10 – 11:20 a.m. Discussion

11:20 – 11:30 a.m. Submitted Abstract Presentation: Outcome Evaluation of Charcot Reconstruction by Monitoring Dynamic Behavior of Plantar Pressure Distribution
Bijan Najafi, Ph.D., Rosalind Franklin University of Medicine and Science

11:30 – 11:35 a.m. Discussion

11:35 – 11:45 a.m. Submitted Abstract Presentation: Reconstruction of the Charcot Ankle Utilizing External Ring Fixation
Howard M. Kimmel, D.P.M., M.B.A., Louis Stokes Department of Veterans Affairs

11:45 – 11:50 a.m. Discussion

11:50 – 12:00 p.m. Submitted Abstract Presentation: Charcot Foot and Nerve Compression
D. Scott Nickerson, M.D., F.A.A.O.S., Consultant to Northeast Wyoming Wound Clinic

12:00 – 12:05 p.m. Discussion

12:05 – 12:25 p.m. Wrap-up

12:25 p.m. Adjourn