Memorial Biomechanics Seminar
November 12, 2016

Scientific Chair - Joseph C. D’Amico, DPM

Mission: To reestablish biomechanics as the cornerstone for the practice of podiatric medicine and surgery based on the principles, research, and lifelong dedication of NYCPM alumnus, teacher, administrator and benefactor Richard O Schuster DPM.

A one day intensive biomechanics seminar to reaffirm, review and re-introduce today’s practitioner with indisputable and indispensable principles of lower extremity biomechanics as pioneered by Richard O Schuster DPM Presented by former colleagues, students, research associates and noted experts from across the country including:

Howard Dananberg DPM     Guido A. LaPorta DPM
J. David Skliar DPM     John McNerney DPM
Paul Coffin DPM     Jinsup Song DPM PhD
R. Paul Jordan DPM     Mark Caselli DPM
Jeffrey Cusack DPM     Joseph C. D’Amico DPM

“One might speculate that among other things there should be significant research in etiologic factors, in efficiency of diagnosis and treatment in the relationship of the biomechanical foot to the total person. One could visualize that foot surgery of the future would be unthinkable without some relationship to biomechanical function.

Hopefully those practicing podiatric orthopedics will learn from the mistakes of medicine and will retain what was so valuable to the foot suffering public in the first place, the conservative management of foot problems.”

Schuster RO: A History of Orthopedics in Podiatry
JAPA 1974

Biomechanics Seminar Objectives

• To provide a meaningful historical and clinical review as well as current relevancy of the contributions of Richard O Schuster DPM
• To instill an appreciation and understanding of lower extremity ontogenetic influences on adult foot function and alignment
• To review and analyze the multifactorial considerations useful in increasing foot guidance according to the precepts and practice of Richard O Schuster DPM
• To explore the role of pathologic foot pronation as a heel lift, not heel contact phenomenon
• To discuss, review and evaluate hypermobility of the first ray including its identification, clinical significance as well as objective and subjective assessment
• To reconsider and discuss the possibility and ability of the first ray to become hypermobile
• To illustrate the linkage between pedal pathomechanics and the production of low back pain
• To present a multi-dimensional algorithm for the segmental approach to pediatric orthoses design
• To illustrate the role that contemporary computer and digital analysis of gait may play in the management of clinical disorders
• To clarify the influence of arch height index and flexibility on dynamic plantar pressure in military cadets
• To review and assess the most common overuse injuries in student athletes

The New York College of Podiatric Medicine is approved by the Council on Podiatric Medical Education (CPME) as a sponsor of Continuing Medical Education in Podiatric Medicine. All full-participation registrants will be awarded 7.5 CME Contact Hours.
SATURDAY, NOVEMBER 12, 2016

7:00–7:45 REGISTRATION/BREAKFAST/EXHIBITOR VISIT

7:15 INTRODUCTION
Joseph C. D’Amico, DPM

7:20 FOOT ORTHOPEDICS: THE CONTRIBUTIONS OF RICHARD O. SCHUSTER, DPM
Mark Caselli, DPM

7:45 THE INFLUENCE OF LOWER EXTREMITY ONTOGENESIS ON ADULT FOOT FUNCTION AND ALIGNMENT
J. David Skliar DPM

8:30 INTEGRATING MULTIPLE FACTORS TO INCREASE FOOT GUIDANCE ACCORDING TO RICHARD O. SCHUSTER, DPM
John McNerney, DPM

9:15 PATHOLOGIC FOOT PRONATION AS A HEEL LIFT, NOT HEEL CONTACT PHENOMENON
Howard Dananberg, DPM

10:00–10:30 COFFEE BREAK/EXHIBITOR VISIT

10:30 HYPERMOBILITY OF THE FIRST RAY: IDENTIFICATION, CLINICAL SIGNIFICANCE AND MANAGEMENT
Joseph C. D’Amico, DPM

11:15 HYPERMOBILITY OF THE FIRST RAY: FACT OR FICTION?
Guido A. LaPorta, DPM

12:00–1:00 LUNCH/EXHIBITOR VISIT

1:00 SELECTED CASES FROM THE R.O. SCHUSTER GAiT LAB
Jeffrey Cusack, DPM

1:30 LINKING THE LUMBROSACRAL SPINE: HOW FEET CONTRIBUTE TO CHRONIC POSTURAL PAIN
Howard Dananberg, DPM

2:15 STABLE STANDING TO ROCK N’ ROLL WALKING: A SEGMENTAL APPROACH TO ORTHOSES DESIGN
R. Paul Jordan, DPM

3:00–3:30 COFFEE BREAK/EXHIBITOR VISIT

3:30 THE INFLUENCE OF ARCH HEIGHT INDEX AND FLEXIBILITY ON DYNAMIC PLANTAR PRESSURE IN MILITARY CADETS
Jinsup Song, DPM, PhD

4:15 BIOMECHANICS: WHAT YOU NEED TO KNOW
Paul Coffin, DPM

REGISTRATION FORM

TUITION: $200 before 1 November
$225 after 1 November

Name
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Address
______________________________________________

City, State, Zip
________________________  ________  ____________

Phone
(_______)________-______________________________

Email
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PAYMENT OPTIONS: Check _______
Visa ________  MasterCard _________  Amex________
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Exp. Date _______________________________________

FOR PAYMENT BY CHECK
Please make check payable to NYCPM and mail to:
Audrey Negron
Administrative Coordinator,
Graduate Medical Education
New York College of Podiatric Medicine
53 East 124th Street
New York, NY 10035
Phone: 212-410-8068
Fax: 212-369-4608

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