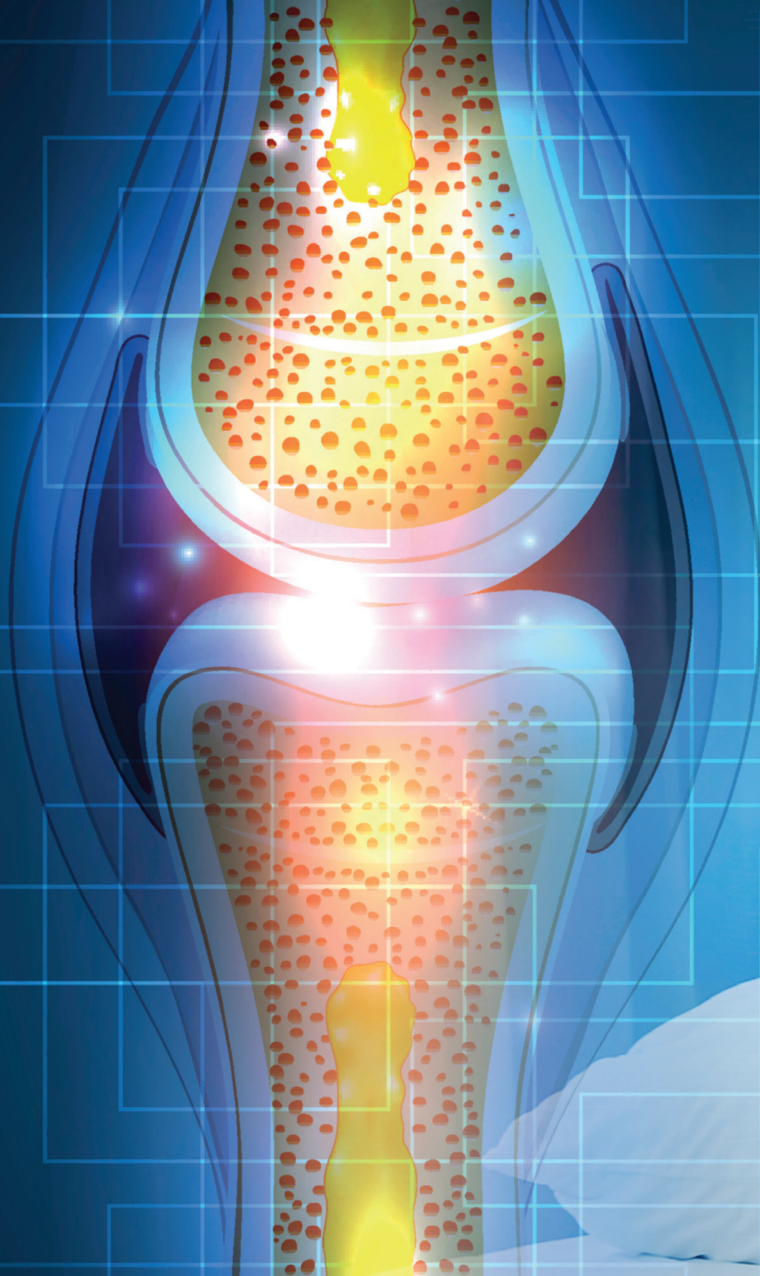


**MIPS Improvement  
Activity +  
Earn  
ABIM MOC  
Credit**



# **The PROMIS<sup>®</sup> of Improved Bone Health in Older Adults**

September  
**30**  
2018

**Breakfast Symposium: 6:00 AM – 7:45 AM**

*\*Doors open at 6:00 AM for Breakfast. Symposium begins at 6:30 AM.*

Palais des Congrès de Montréal | Room #510  
Montréal, Quebec

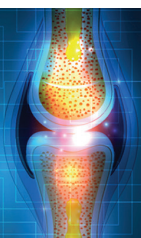
**#BoneHealth**



Provided by  
**CME**  
Outfitters



# The PROMIS® of Improved Bone Health in Older Adults



## Agenda

Breakfast begins at 6:00 AM

Symposium: 6:30 AM to 7:45 AM

## Faculty



**Joseph M. Lane, MD (Chair)**

Hospital for Special Surgery  
Weill Cornell Medical College, New York, NY



**Richard S. Bockman, MD, PhD**

Hospital for Special Surgery  
Weill Cornell Medical College, New York, NY



**Kirsten Grueter, RN**

Hospital for Special Surgery  
New York, NY



**Emily Margaret Stein, MD, MS**

Hospital for Special Surgery  
Weill Cornell Medical College, New York, NY

## Target Audience

Endocrinologists, orthopedists, primary care physicians, nurse practitioners, physician assistants, nurses, and pharmacists who treat patients with osteoporosis.

## Commercial Support

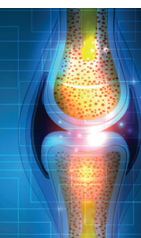
Supported by an educational grant from Pfizer Inc.

## Registration Information

For more information on this symposium and to pre-register visit [www.CMEOutfitters.com/BoneHealth](http://www.CMEOutfitters.com/BoneHealth) or scan the QR code on the right.



# The PROMIS® of Improved Bone Health in Older Adults



## Learning Objectives

- Recognize the prevalence and impact of osteoporosis in older men and initiate an assessment of bone health.
- Assess the safety and efficacy data for calcium and vitamin D supplementation in reducing fracture risk.
- Implement PROs into clinical workflow to measure change in function and quality of life in patients with osteoporosis.

**The following learning objectives pertain only to those requesting CNE or CPE credit:**

- Recognize the prevalence and impact of osteoporosis in older men and initiate an assessment of bone health.
- Assess the safety and efficacy data for calcium and vitamin D supplementation in reducing fracture risk.
- Explain how PROs may be implemented into clinical workflow to measure change in function and quality of life in patients with osteoporosis.

## Accreditation Statements

**CME Credit (Physicians):** CME Outfitters, LLC, is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. CME Outfitters, LLC, designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

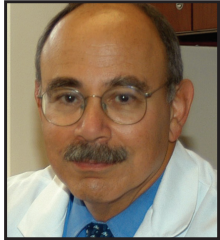
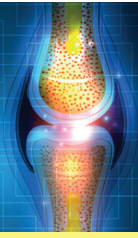
**CNE Credit (Nurses):** Provider approved by the California Board of Registered Nursing, Provider Number CEP 15510, for 1.25 contact hours.

**CPE Credit (Pharmacists):** CME Outfitters, LLC, is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. 1.25 contact hours (0.125 CEUs) Universal Activity Number: 0376-0000-18-019-L01-P Type: knowledge-based

**ABIM/MOC Credit:** Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 1.25 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

**MIPS Improvement Activity:** This activity counts towards MIPS Improvement Activity requirements under the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA). Clinicians should submit their improvement activities by attestation via the CMS Quality Payment Program website.

## The PROMIS® of Improved Bone Health in Older Adults



### Joseph M. Lane, MD (Chair)

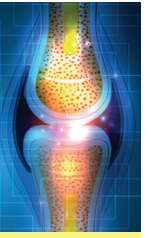
Professor, Orthopaedic Surgery  
Assistant Dean, Medical Students (HSS)  
Weill Cornell Medical College  
Chief, Metabolic Bone Disease Service  
Hospital for Special Surgery  
New York, NY

#### Biography

Dr. Lane is Professor of Orthopaedic Surgery at the Hospital for Special Surgery, New York, where he is a senior member of the Orthopaedic Trauma Service, Chief of the Metabolic Bone Disease Service, Medical Director of the Osteoporosis Prevention Center, and Assistant Dean (Weill Cornell Medical College). He was trained at Columbia University (B.A.), Harvard University (M.D.), University of Pennsylvania (Orthopaedics), and the National Institutes of Health. Dr. Lane is renowned for publications and lectures on bone biology, including osteoporosis, fracture repair, and bone cancer. He regularly serves on NIH study sections awarding support for musculoskeletal research and training. He was a member of the Board of Directors of the American Academy of Orthopaedic Surgery, Chief of Bone Tumors at Memorial Sloan-Kettering Cancer Center, New York, and Chairman of Orthopaedics at UCLA.

Dr. Lane has served as chairman of many medical organizations, functions, and committees, and was President of both the Orthopaedic Research Society and the Musculoskeletal Tumor Society. He has published hundreds of scientific articles and book chapters, is on several editorial boards of orthopaedic journals, and is a frequent visiting professor both domestically and internationally. Many of the orthopaedists he has trained now hold positions of leadership throughout the world. Dr. Lane has played a major role in awakening orthopaedists to their responsibility of addressing the osteoporosis associated with fractures. He continues to develop new therapeutics and treatment strategies to ensure successful bone healing, eradication of bone tumors, and maintenance of skeletal health.

## The PROMIS® of Improved Bone Health in Older Adults



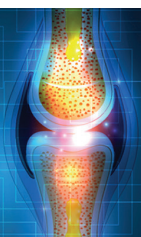
### Richard S. Bockman, MD, PhD

Chief, Endocrine Service  
Attending Physician  
Senior Scientist  
Hospital for Special Surgery  
Professor of Medicine, Endocrine Division  
Weill Cornell Medical College  
New York, NY

#### Biography

Dr. Bockman is currently the Chief, of the Endocrine Service and Senior Scientist at The Hospital for Special Surgery. He is on the Executive committee for the Endocrine Training Program at Weill Cornell where he serves on the faculty as a Professor of Medicine. His research experience has included basic studies in biochemistry, biophysics, molecular biology, and genetics. His clinical studies have focused on the pathophysiology in disorders of mineral metabolism along with the development of new methodologies to diagnose and test drug therapies in these disorders. He has served on the FDA Advisory Committee for Reproductive Health Drugs (which covers new bone drugs), He serves on the editorial board of *J. Clin Endocrinol & Metabolism*, as well as an ad hoc reviewer for many bone journals. His research studies have been published in *Science*, *J. Exp Med*, *J. Clin Invest*, *PNAS*, *New Eng J Med*, *J. Clin Endo & Metab*, *Calcif Tiss Int.*, *J. Cell Biochem*, *J Bone and Min Metab*. He has designed and directed major clinical trials; as well as conducted studies on the physical properties of bone in normal and pathological states. He has recently been named as a Fellow of the ASBMR for his contributions to the field of bone and mineral science.

## The PROMIS® of Improved Bone Health in Older Adults



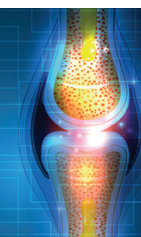
### Kirsten Grueter, RN

Fracture Liaison Nurse  
Office of Joseph Lane, MD  
Hospital for Special Surgery  
New York, NY

#### Biography

Ms. Grueter is a Registered Nurse working at Hospital for Special Surgery in New York City. After graduating from Boston College School of Nursing, she began her career as a circulating nurse at New York Presbyterian Weill Cornell in the operating room. While caring for surgical patients on the Orthopedic Trauma Service, she developed a particular interest in the management of fragility fractures and transitioned to a role under the guidance of Dr. Joseph Lane to assist in the design and implementation of the Fracture Liaison Service. She is the clinical point person for Dr. Lane's outpatient practice and additionally spearheads Dr. Lane's research team, overseeing research team in several prospective clinical trials. She is currently obtaining her Masters of Science degree as an Adult Geriatric Primary Care Nurse Practitioner from New York University. She hopes to continue to expand the community impact of the Metabolic Bone Disease Services at the Hospital for Special Surgery with her advanced degree, as well as educate practitioners around the country of the significance of a Fracture Liaison Service and teach best practices on how to initiate this program. She has most recently presented at the AAOS CME Course 'Fragility Fractures: Establishing a Liaison Service and Treating Patients at Risk.'

## The PROMIS® of Improved Bone Health in Older Adults



### Emily M. Stein, MD, MS

Associate Attending Physician  
Associate Research Scientist  
Internal Medicine, Endocrinology, Metabolic Bone  
Hospital for Special Surgery  
Associate Professor of Medicine  
Weill Cornell Medical College  
New York, NY

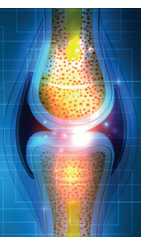
#### Biography

Dr. Stein is Director of Research of the Metabolic Bone Service at The Hospital for Special Surgery and Associate Professor of Medicine at Weill Cornell Medical College. She received her undergraduate degree from Yale University, where she was elected to Phi Beta Kappa and graduated Magna Cum Laude. She received her medical degree from the Albert Einstein College of Medicine where she received a Rudin Fellowship for academic excellence and was elected to Alpha Omega Alpha. She completed her internship and residency at Columbia Presbyterian Medical Center. She was a fellow in Endocrinology and Metabolism at the combined program at New York Hospital/Weill Cornell Medical Center and Memorial Sloan Kettering Cancer Center. She also completed a Masters Degree in Clinical Investigation at the Cornell Graduate School.

Dr. Stein is a member of the American Society of Bone and Mineral Research, and received both a Young investigator Award and Junior Faculty Osteoporosis Research Award from this society. Her research, supported by the National Institutes of Health, American Society of Bone and Mineral Research, as well as private foundations has focused on investigating the quality of bone in patients with osteoporotic fractures, and the skeletal effects of chronic kidney disease, and transplant and bariatric surgery. She has also studied abnormalities of vitamin D metabolism in different populations. Recently, her research has focused on the relationship between bone quality and outcomes after orthopedic procedures, and the skeletal effects of glucocorticoids.

Her clinical practice is focused on patients with osteoporosis and metabolic bone disease. Dr. Stein has also played a role in shaping evidence based clinical practice decisions in the field, serving as a member of the American Society of Bone and Mineral Research Professional Practice Committee, the International Society of Clinical Densitometry Scientific Advisory Council and the American College of Rheumatology Glucocorticoid Induced Osteoporosis Quality Measure Development Panel.

# The PROMIS® of Improved Bone Health in Older Adults



## Disclosure Declaration

It is the policy of CME Outfitters, LLC, to ensure independence, balance, objectivity, and scientific rigor and integrity in all of their CE activities. Faculty must disclose to the participants any relationships with commercial companies whose products or devices may be mentioned in faculty presentations, or with the commercial supporter of this CE activity. CME Outfitters, LLC, has evaluated, identified, and attempted to resolve any potential conflicts of interest through a rigorous content validation procedure, use of evidence-based data/research, and a multidisciplinary peer review process. The following information is for participant information only. It is not assumed that these relationships will have a negative impact on the presentations.

Dr. Lane reports that he receives grants from National Institutes of Health (NIH) (subcontract with Helen Hayes Hospital). He receives research support from Novartis Pharmaceuticals Corporation (clinical trial hip fracture study). He is a consultant for ON Foundation; CollPlant Inc.

Dr. Bockman has no disclosures to report.

Ms. Grueter has no disclosures to report.

Dr. Stein reports that she receives research grants from Novartis Pharmaceuticals Corporation.

Dr. Helfand (peer reviewer) has no disclosures to report.

Ms. Ochoa (peer reviewer) has no disclosures to report.

Kashemi D. Rorie, PHD (planning committee) has no disclosures to report.

Sharon Tordoff (planning committee) has no disclosures to report.

Jan Perez (planning committee) has no disclosures to report.

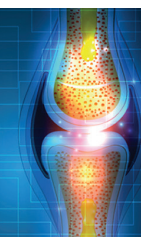
Disclosures were obtained from the CME Outfitters, LLC staff:  
No disclosures to report.

Faculty of this CE activity may include discussions of products or devices that are not currently labeled for use by the FDA. The faculty have been informed of their responsibility to disclose to the audience if they will be discussing off-label or investigational uses (any uses not approved by the FDA) of products or devices.

## Thank you for joining us today

This symposium will be available as a web replay beginning November 9, 2018, please check [www.CMEOutfitters.com](http://www.CMEOutfitters.com) for more information on that date.

# The PROMIS® of Improved Bone Health in Older Adults



## Instructions for Interactive Technology

If you would like to use your tablet or mobile device to answer polling questions, view the onsite presentations, and submit questions to the faculty, please follow the instructions below:

### 1. Get Connected

- Please connect to the CME Outfitters network with your mobile device or laptop. This network does not have a password.  
\* Please note that this network is a local network and does NOT mean you're connected to the internet.
- Once you have joined the network, go to **arraylearn.com**.
- You are now connected to the symposium. All content and polling questions can be viewed on your device as long as you are connected to the above listed network.

### 2. Ask a Question to the Faculty

- Please click on **"Ask a Question"** and type your question. Please include the faculty member's name if the question is specifically for them. Your question will be sent to the faculty for the question and answer portion of the session.

### 3. View and Take Notes on Presentation Slides

- Please click on the **"Take a Slide Note"** button. If you did not enter your email address when you joined the meeting, you will be required to do so for note taking. When the meeting is complete, all your notes will be emailed to you within 5 business days.

## Obtaining Credit

In order to receive credit, please **complete the demographics survey** upon login and **the evaluation** during Q&A on your mobile device. **You will receive an email with your certificate after the event.**

## Downloadable Resources

Downloadable resources will be available at  
[www.cmeoutfitters.com/BoneHealthResources](http://www.cmeoutfitters.com/BoneHealthResources)

