

## **BHOF UPDATES**



Healthy Bone Build Them fo

#### Interdisciplinary Symposium on Osteoporosis (ISO2024)

The Bone Health and Osteoporosis Foundation (BHOF) will host the next Interdisciplinary Symposium on Osteoporosis in 2024 (ISO2024).

As we celebrate the 40th anniversary of BHOF in 2024, we look forward to returning to an in-person format for this hallmark event. Event dates and location will be announced soon.

Please note that ISO will not be offered in 2023.

ISO2024 will offer educational sessions and networking opportunities to benefit many medical disciplines and specialties working with patients who have and/or are at risk for osteoporosis and fractures.

Participate in CME/CE sessions to expand your knowledge of bone health, improve your practice, and advance your

# BONE HEALTH RESOURCES

### **ECHO SESSIONS**



#### BHOF FLS Bone Health TeleECHO



Join us for the FLS Bone Health TeleECHO (Extension for Community Healthcare Outcomes) project sessions that take place the second Thursday of each month, from 3:00-4:00pm Eastern. These one-hour TeleECHO Clinic sessions offer case-based clinical discussions on a wide range of topics of interest. By participating, you'll receive free CME, connect with experts in the career. Courses on bone health assessment, osteoporosis diagnosis, patient management, exercise, nutrition, post-fracture care, and secondary fracture prevention, as well as other specialty topics, will be led by expert faculty.

For further information, please contact education@bonehealthandosteoporosis. org.

#### BHOF Continuing Education Credits

BHOF is committed to supporting healthcare professionals and your continuing education needs. BHOF provides a variety of continuing education (CME/CE) programs for professionals. The <u>Professional Learning</u> <u>Center</u> offers a single place for you to participate in bone health education programs, as well as track your participation to meet your licensure and professional requirements.

#### In Memoriam

BHOF is saddened to learn that William "Bill" A. Peck, MD. passed away on February 22, 2023, at the age of 89. BHOF is honored to recognize Dr. Peck for his dedication to the bone health and osteoporosis community, including his role as founding president of the National Osteoporosis Foundation's Board of Trustees.

To learn more about Dr. Peck's life and career, <u>please click here</u>.

## ADVOCACY UPDATES

BHOF held its first Coalition to Strengthen Bone Health meeting of the

field, share case studies, and much more!

#### Upcoming FLS Bone Health ECHO Sessions

Thursday, April 13, 2023 Topic: TBD Speaker: David Freeze, FNP

Sign up here to join our email list and receive information on FLS ECHO sessions as they are planned.

#### **Bone Health TeleECHO**

Despite the availability of treatments proven to reduce fracture risk and the accumulating evidence that osteoporosis treatment can prolong life, osteoporosis remains underdiagnosed and undertreated. Only about 20 percent of patients with hip fractures receive treatment to reduce the risk of future fractures.

Each week, through the Bone Health TeleECHO, bone health experts and other clinicians from around the world come together to listen to a brief didactic in the latest topics in bone health and discuss complex cases around treating patients with osteoporosis and other bone disorders. The Bone Health TeleECHO aims to improve the care of patients with osteoporosis and reduce the osteoporosis treatment gap.

To register, please click here.

#### **MNI Great Lakes ECHO**

The Michigan Neurosurgical Institute (MNI) Great Lakes ECHO branch is one of the first ECHO providers in the state of Michigan. The Great Lakes ECHO brings better care to patients across the year on January 17, 2023. Successes of 2022 were reviewed including eight states taking steps through legislation and executive action to raise awareness about the growing crisis of osteoporosis. Members discussed their priorities for 2023 including advocacy towards DXA testing, working with CMS, and various Capitol Hill and advocacy activities.

We need your help to reinforce May 2023 as Osteoporosis Awareness and Prevention Month to spread awareness of osteoporosis and its impact. The following toolkit includes a sample introductory statement and sample resolution to be edited according to your state's data and the specific state Milliman report. Here is the link to the Milliman Report which provides the state-specific information and critical numbers to assist you in completing the Proclamation. When you visit the link, you will find a map of the U.S. Simply click on your state and you will find the individual findings. Bring this important information to your local and state representatives and make bone health a priority!

BHOF is grateful to the individual donors and corporations who provide support for the National Bone Health Policy Institute, including Amgen Inc. and UCB Inc.

### BHOF RESOURCES

country using new methods made possible by modern technology.

To register, email <u>MNIGreatLakesEcho@gmail.com</u>.

# Own the Bone® Orthopaedic Bone Health ECHO®

The Own the Bone® Orthopaedic Bone Health ECHO® aims to grow and share bone health knowledge and skills among orthopaedic providers in order to reduce the incidence of fragility fractures and positively impact bone health treatment.

Each month, a panel of experts will host participants on a videoconferencing platform (Zoom) to discuss current topics related to bone health and to initiate a dialogue around patient cases presented by participants. These "TeleECHO® clinics" are multidisciplinary and interactive, so participants are encouraged to learn and also share their knowledge and experiences.

To register, please click here.

#### Rare Bone Disease TeleECHO

The Osteogenesis Imperfecta (OI) Foundation and the Rare Bone Disease Alliance are excited to announce the Rare Bone Disease TeleECHO Series.

Now in its second year, the goal of this educational program is to build capacity to safely and effectively diagnose and treat rare bone diseases and disorders.

The Rare Bone Disease TeleECHO takes place the first Thursday of every month at 3:00pm Eastern.

To register, please click here.



#### Patient Pathway Tool

BHOF is excited to announce its new patient pathway tool, <u>Your Path to Good</u> <u>Bone Health</u>. In response to feedback from patients, healthcare providers, and care partners indicating how daunting it can be for patients to understand the medical terms and key steps to take to prevent and manage osteoporosis, the tool's innovative design is welcoming and easy to use. It places patients and their care partners in the driver's seat throughout their osteoporosis journey to learn from quick reads, videos, and podcasts.

Three paths welcome learners to explore:

- Am I at risk for osteoporosis?
- I've just been diagnosed with osteoporosis. What's next?
- How do I manage osteoporosis?

We hope you will share this tool with your patient communities to encourage men and women of all ages to take action at home and with their healthcare team to prevent osteoporosis and fractures.

Please click here to learn more.

#### Osteogenesis Imperfecta (OI) TeleECHO

The OI Foundation is excited to announce the OI TeleECHO Clinic Series. The educational program aims to build capacity to safely and effective treat osteogenesis imperfecta.

The series takes place the second Wednesday of every month at 3:00 PM Eastern.

To register, please click here.

#### West Coast Bone Health TeleECHO

Monthly meetings will be held the first Wednesday of each month at 5:30pm Pacific.

For more information or curriculum schedule, <u>contact them here</u>.

## BONE NEWS & EVENTS/OPPORTUNITI ES

#### Brigham Endocrinologist Is Lead Author of Updated Clinician's Guide on Osteoporosis

As the most common metabolic bone disease in the United States and worldwide, osteoporosis is a significant public health problem. And yet, it is also an alarmingly underdiagnosed and undertreated disease.

To enhance the prevention, risk management, diagnosis, and treatment of osteoporosis in postmenopausal women and men aged 50 years and older, the Bone Health and Osteoporosis BHOF is grateful to Amgen and UCB for support on this initiative.

#### Capture the Fracture® - A global program to break the fragility fracture cycle

On March 6, 2023, the Bone Health and Osteoporosis Foundation (BHOF) and the International Osteoporosis Foundation (IOF) hosted a webinar on IOF's Capture the Fracture® (CTF) global program, which provides recognition, resources, training, and tools to support Post-Fracture Care Coordination Programs (Fracture Liaison Services) worldwide at no cost.

#### Speakers:

Philippe Halbout CEO of IOF

Anne Lake, DNP, ONP-C Atrium Wake Forest Baptist Medical Center

To access the recording of the webinar, please click here.

#### BoneFit™ USA

BHOF will be offering a BoneFit<sup>™</sup> USA live in-person training on <u>May 6, 2023 in</u> Fort Worth, TX.

BoneFit<sup>™</sup> is an evidence-informed exercise training workshop, designed for exercise practitioners, to provide training on the most appropriate, safe, and effective methods to prescribe and progress exercise for people with osteoporosis. The program will host two levels of training for exercise professionals: Basics training aimed at personal trainers and other exercise teachers, and Clinical training aimed at physical therapists and clinicians that Foundation (BHOF) published a revised <u>"Clinician's Guide to Prevention and</u> <u>Treatment of Osteoporosis"</u> in April 2022. BHOF, formerly the National Osteoporosis Foundation, published the first Clinician's Guide in 1999 and made updates in 2014.

Endocrinologist <u>Meryl S. LeBoff, MD</u>, chief of the Calcium and Bone Section and the Distinguished Chair in Skeletal Health and Osteoporosis in the <u>Division</u> of <u>Endocrinology</u>, <u>Diabetes and</u> <u>Hypertension</u> at Brigham and Women's Hospital, served as lead author of the latest Clinician's Guide.

Learn more about Dr. LeBoff's commitment to advancing osteoporosis research and care by clicking here.

#### Capture the Fracture® Best Practice Framework (BPF)

The International Osteoporosis Foundation (IOF) has developed Capture the Fracture®, a global program to facilitate the implementation of Post-Fracture Care (PFC) Coordination Programs, such as Fracture Liaison Services (FLS) for secondary fracture prevention.

The Capture the Fracture® initiative guides healthcare systems in implementing their own FLS, and provides a platform for the global exchange of existing projects and resources on FLS and local implementation strategies.

The Best Practice Framework (BPF) serves as the measurement tool for IOF to award 'Capture the Fracture Best Practice Recognition' in celebration of successful FLS worldwide. Applicants will feature on the CTF's interactive map, and will be awarded the Capture the Fracture Best Practice Recognition logo. incorporate exercise recommendations into their practice.

BoneFit<sup>™</sup> USA workshops entail five online modules as pre-course work via the BHOF online LMS, attendance at the 1-day in-person live course, and completion of a final online quiz. The live training will consist of approximately six to eight hours of coursework in-person. Upon passing the quiz, each BoneFit<sup>™</sup> participant will receive a certificate of completion, be able to say they are "BoneFit<sup>™</sup> Trained," and appear in BHOF's online "Find a BoneFit<sup>™</sup> Professional" tool. You can view more information on our website here.

#### To register, please click here.

Space is limited!

#### Healthy Bones/Healthy Communities

The Healthy Bones/Healthy Communities training program engages a national medical cohort focused on osteoporosis and healthy bones, targeting the educational and support needs of family physicians, internists, and advanced practice providers. The content focuses on calcium and phosphate metabolism; bone biology; physiology, pathophysiology, and related disorders; and osteoporosis epidemiology, diagnosis, and management.

Through the program, our goal is to train a minimum of 10 family practice, internal medicine, and/or obstetrics/gynecology providers per community in 8-10 cities across the country.

The program began in 2019 and took place in-person in Houston, TX and Boston, MA.

Please click here to complete the application for Best Practice Recognition.

#### **Own the Bone Symposium: VIRTUAL**

Thursday, June 8, 2023; 5pm to 7:30pm Central Thursday, June 22, 2023; 5pm to 7:30pm Central Friday, June 23,2023; 3pm to 5:30pm Central

#### Register here.

#### Santa Fe Bone Symposium

August 4-5, 2023

Eldorado Hotel in Santa Fe, New Mexico

#### Register here.

View and download program information here.

#### International Osteoporosis Foundation (IOF) Young Investigator Nutrition Research Grants

The IOF Young Investigator Nutrition Research Grants are presented to young researchers (aged 40 years or younger) in recognition of research excellence in the field of nutrition and musculoskeletal health.

Five awards of 1,000 EUR each will be presented for the best abstracts submitted to WCO-IOF-ESCEO 2023 which provide new insights into nutrition and musculoskeletal metabolism or clinical aspects of nutrition and bone health. Research may cover topics such as calcium, vitamin D, protein, micronutrients, and probiotics, among others. In 2020, the program was implemented in a virtual format in Spokane, WA and Columbus, OH. In 2021, the program took place virtually in Pittsburgh, PA.

In 2022, we held a virtual program in Raleigh-Durham, NC and a live program in Chicago, IL. An in-person program is being planned to take place in San Diego, CA in 2023. Please stay tuned for further information about this program.

BHOF thanks Amgen for its support of the Healthy Bones/Healthy Communities project!

#### FLS Training and Certificate of Completion 2022-2024

#### BHOF <u>Fracture Liaison Service (FLS)</u> Training and Certificate of Completion

addresses the clinical challenge of fragility fractures through the implementation of the FLS mode of care, including challenges and barriers in clinical care; strategies for organizing, staffing, and structuring a successful FLS program; and clinical care of the patient with osteoporosis and increased risk of fracture.

The On-Demand program is based upon FLS sessions and presentations at BHOF's Interdisciplinary Symposium on Osteoporosis (ISO2022) that took place virtually in May 2022. Those completing the program receive a Certificate of Completion and continuing education credit for individual sessions. The course offers 22.50 credit hours for \$500 for non-members and \$400 for BHOF members.

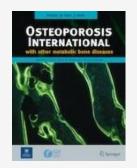
To register and participate, <u>please click</u> <u>here</u>.

#### Bone Health Tool Available for Nurse Practitioners

Applications should be submitted before April 1, 2023.

Apply here.

# FROM OUR JOURNALS



#### Fracture rate increases after immune checkpoint inhibitor treatment: a potential new immune related adverse event

Carrie Ye, Kevin Lee, William D. Leslie, Mu Lin, John Walker & Michael Kolinsky

#### Introduction

T cell activation can lead to osteoporosis and while there are several case reports of fractures occurring after immune checkpoint inhibitor (ICI) use, to date, there are no population level studies looking at fracture risk related to ICI use.

#### Comparison of DXA-based versus CTbased indices to predict prevalent fracture history in men with spinal cord injury

Michael J. Matthews, Karen L. Troy, Ricardo A. Battaglino, Nguyen Nguyen, Richard Goldstein & Leslie R. Morse

#### Summary

BHOF and the National Association of Nurse Practitioners in Women's Health (NPWH) are pleased to announce the launch of a new Bone Health module as part of the NPWH Well-Woman Visit App.

Recognizing that half of all women over the age of 50 will break a bone due to osteoporosis in her lifetime, BHOF and NPWH experts worked together to create a specific section on bone health to be included in the Well Woman App. This new module includes information about bone health throughout the lifespan for women, including prevention, diagnosis, and osteoporosis treatment options.

The Well-Woman Visit App incorporates clinical guidelines and recommendations from multiple sources into a single tool that is easy to navigate during a patient's visit. Information on downloading the free mobile app can be found here.

Support for the updated bone module was provided by Amgen.

### **SUPPORT BHOF**

The care and well-being of your patients is a priority as we kickoff 2023, and we hope that you will consider supporting BHOF's mission this year.

BHOF provides educational opportunities for clinical providers to receive CME/CE credits on the topics of osteoporosis and bone health, as well as programs for patients and caregivers.

It is because of support from donors that we are able to provide programs and Fracture risk prediction remains challenging in adults with spinal cord injury. Here, we compare the ability of CT- and DXA-derived indices to discriminate between those with and without prevalent osteoporotic fracture. Novel CT-derived indices may offer improved assessment of fragility fracture risk as well as improved monitoring of response to therapies.

#### Pharmacist interventions in osteoporosis management: a systematic review

Catherine Laird, Helen Benson & Kylie A. Williams

#### Summary

Internationally, there is an osteoporosis treatment gap, which pharmacists may assist in closing. This review identifies pharmacist interventions for improving osteoporosis management and evaluates their effectiveness. Pharmacist interventions are shown to improve osteoporosis management in terms of increasing investigation and treatment commencement and osteoporosis therapy adherence. initiatives that benefit your patients throughout the year. Thank you for supporting our mission and for your work in treating patients with the best care.





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