

The Bone and Cancer Foundation 2007-2010

Since it began in 2007, the Bone and Cancer Foundation has accomplished a great deal. It has published ten patient publications, created an informative website, participated in several conferences and meetings and reached out to thousands of healthcare professionals, patients and family members.

This newsletter provides information about recent and future activity.

New Publications

BCF continues to develop new publications. Two new publications 'Physical Therapy and Other Rehabilitation Therapies for Patients with Cancer and Bone Involvement' and 'Managing Pain Related to Cancer and Bone' have been created.

'Physical Therapy' describes how physical therapy and other rehabilitative therapies can be used to help manage pain, increase mobility, decrease the likelihood of bone fractures and facilitate a patient's safety and independence. There are very few other publications for patients on this subject.

'Managing Pain' addresses the most critical quality of life issue for many cancer patients. The publication includes how pain is measured,

medications and other treatments for bone pain and the specialists trained to help patients manage pain.

Please see the publication order form on page 6 to request copies of these new publications or any of the BCF publications. You may also access the publications at the BCF website www.boneandcancerfoundation.org

New Online Resources

BCF continues to enhance its website www.boneandcancerfoundation.org.

BCF has developed an online Glossary of words and terms related to cancer. The glossary is an ongoing project and new words and terms will be added periodically.

The new Frequently Asked Questions section is another helpful resource for patients. The questions were selected from queries sent by patients and family members who visited the BCF website. The FAQ section will be updated periodically, reflecting the needs of the patients who contact the foundation. ■

BCF Television Public Service Announcement

A BCF public service announcement is being shown on network and cable television channels. It is also available on the BCF website, www.boneandcancerfoundation.org.



Theresa A. Guise, M.D., Jerry W. and Peggy S. Throgmartin Professor of Oncology; Professor of Medicine, Indiana University School of Medicine; Member, BCF Advisory Medical Panel.

BCF Exhibits at Important Medical Conferences

BCF continues to exhibit at major cancer-focused medical society meetings, providing healthcare professionals with information to keep patients informed and to be aware of new developments in the bone metastasis field.

BCF exhibited at the 46th Annual Meeting of The American Society of Clinical Oncology June 4–7, in Chicago, IL, an event attended by 30,000 oncology professionals from around the world.

“All our publications were well received by the attendees and the international visitors were particularly pleased that the

booklets are available online. I was very impressed by the time they spent reviewing our publications. These are dedicated clinicians and they understand the importance of offering information to their patients,” Maureen Mandel, of BCF, said.

BCF also exhibited at the 35th Annual Meeting of the Oncology Nursing Society in San Diego, CA May 12–16. The oncology nurses offered consistently positive appraisals of the publications, pointing out that materials written in simple, accessible, language are critically important and often difficult to find.

At the Oncology Nursing Society,

BCF partnered with the Institute of Medical Education and Research for a satellite presentation entitled, “Bone Health Care: The Pivotal Role of the Oncology Nurse.” All attendees at this program received copies of all BCF publications.

The Annual Meeting of the Association of Community Cancer Centers in Baltimore, MD March 18 provided another exhibit opportunity.

BCF publications were distributed at a satellite program May 29 during the American Urology Association annual conference in San Francisco, CA. More than 250 urologists attended this program. ■

Pictured here: Bone and Cancer Foundation exhibit at the American Society of Clinical Oncology Annual Meeting.

To the right: Maureen Mandel, Bone and Cancer Foundation Consultant.

Educating Patients Face-to-Face

For the first time, BCF is holding a patient education meeting. The Patient Education Meeting 'Caring For Your Bones When You Have Cancer' will be held on August 7 in New York City in partnership with CancerCare.

CancerCare is a national nonprofit, 501 ©(3) organization that provides free, professional support services to anyone affected by cancer: people with cancer, caregivers, children, loved ones, and the bereaved. CancerCare programs-including counseling and support groups, education, financial assistance and practical help-are provided by professional oncology social workers and are completely free of charge.

The half-day program starts with an overview by Joseph M. Lane, M.D. Dr. Lane is Professor of Orthopaedic Surgery at the Weill Medical College

of Cornell University in New York, NY and Chief of Metabolic Bone Disease Service at the Hospital for Special Surgery in New York, NY. Dr. Azeez Farooki, Endocrinology Attending Physician at Memorial Sloan-Kettering Cancer Center in New York, NY, will speak about the 'Medical Treatment for Bone Complications.' Dr. Richard Gralla, Chief of Hematology-Oncology and Vice President for Cancer Services at North Shore Long Island Jewish Health Systems in Manhasset, NY and Professor at Hofstra University School of Medicine in Hempstead, NY, will address 'Pain Management and Doctor/Patient Communication.' Laryssa Ruppert, PT, DPT, a physical therapist at Memorial Sloan-Kettering Cancer Center, will offer insights into 'Physical Therapy and Rehabilitative Therapies.' Maria Biasucci-Vianna, M.S., RD a nutritionist will

discuss 'Nutrition Suggestions for Cancer Patients'.

There is no registration fee, but advance registration is required. To register, please call BCF at (888) 862-0999 or (212) 509-5188.

BCF anticipates having patient meetings in other parts of the country.

Please check the BCF website www.boneandcancerfoundation.org for updates.

BCF will also participate in the Anderson Network Cancer Survivorship Conference at MD Anderson Cancer Center in Houston, TX Sept. 24-25 and the Metastatic Breast Cancer Conference at Indiana University in Indianapolis, Oct. 19. ■

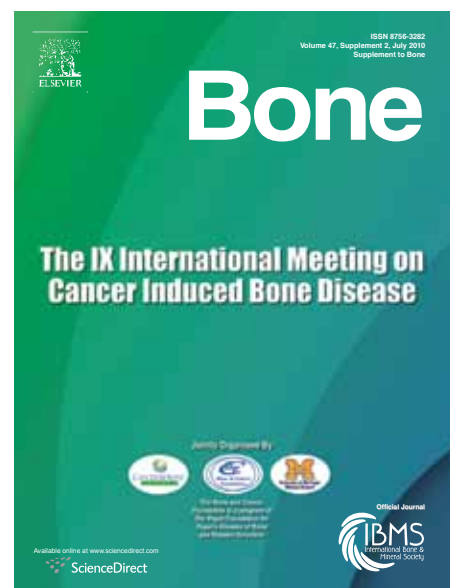
Information for Medical Professionals

Supplement Based on IX International Meeting on Cancer Induced Bone Disease, October, 2009

A supplement of the journal Bone (Volume 47, Supplement 2, July 2010) based on the conference IX International Meeting on Cancer Induced Bone Disease (October, 2009) has been published. Open access for the supplement is available for a period of one year. To access the supplement online go to www.boneandcancerfoundation.org/IX-Intl-CIBDSupplement

All subscribers to the journal Bone will receive a copy of the supplement in July.

The supplement includes over 125 abstracts including speaker and poster abstracts, a conference summary and a memorial tribute to Dr. Gregory R. Mundy. ■



Information for Medical Professionals (continued)

CLINICAL PERSPECTIVES ON THE **TREATMENT** OF **BONE METASTASIS**

SATURDAY, OCTOBER 9, 2010

University of Pittsburgh

Pittsburgh, Pennsylvania

TARGET AUDIENCE

This activity is designed for oncologists, urologists, or other medical professionals who treat cancer patients with bone related complications.

LEARNING OBJECTIVES

At the conclusion of this activity, participants should be able to:

- Identify the mechanism of bone loss and state the frequency of bone metastasis from various cancers, including breast cancer, prostate cancer and multiple myeloma.
- Describe the need for prompt diagnosis and treatment of bone loss from cancer treatments and bone metastases.
- Recommend appropriate treatment protocols for cancers that spread to the bone.

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Postgraduate Institute for Medicine (PIM) and the Bone & Cancer Foundation (a program of the Paget Foundation). PIM is accredited by the ACCME to provide continuing medical education for physicians.

AMA CREDIT DESIGNATION

This activity has been approved for AMA PRA Category 1 Credit(s)™.

REGISTRATION

There is no registration fee; however, registration is required either online at www.boneandcancerfoundation.org or by calling 212-509-5188. Registration is on a first come first served basis. Seating is limited.

AGENDA*

8:00 – 9:00am	Registration & Continental Breakfast
9:00 – 9:30am	Pathophysiology of Bone Metastases <i>Theresa A. Guise, MD</i> Professor of Medicine Jerry W. and Peg S. Throgmartin Professor of Oncology Division of Endocrinology Department of Medicine Indiana University School of Medicine Indianapolis, IN
9:30 – 10:00am	Breast Cancer and Bone Metastases <i>Catherine Van Poznak, MD</i> Assistant Professor University of Michigan Ann Arbor, MI
10:00 – 10:30am	Emerging Therapies to Prevent Skeletal Complications in Men with Prostate Cancer <i>Matthew R. Smith, MD, PhD</i> Associate Professor of Medicine Harvard Medical School Program Director, Genitourinary Oncology Massachusetts General Hospital Cancer Center Boston, MA
10:30 – 10:45am	Break
10:45 – 11:15am	Update on Myeloma Bone Disease <i>G. David Roodman, MD, PhD</i> Professor of Medicine and Vice Chair for Research Department of Medicine University of Pittsburgh School of Medicine Director, Center for Bone Biology UPMC Director of the Myeloma Program UPCI Pittsburgh, PA
11:15am – 12:15pm	Lunch
12:15 – 12:45pm	Management of Cancer Therapy Induced Bone Loss <i>Adam M. Brufsky, MD, PhD</i> Professor of Medicine Associate Chief, Hematology-Oncology Associate Director, Clinical Investigation University of Pittsburgh Cancer Institute Pittsburgh, PA
12:45 – 1:15pm	Closing Remarks, Final Q&A, and CME Paperwork

*Times and speakers subject to change

Jointly sponsored by:



Postgraduate Institute
for Medicine



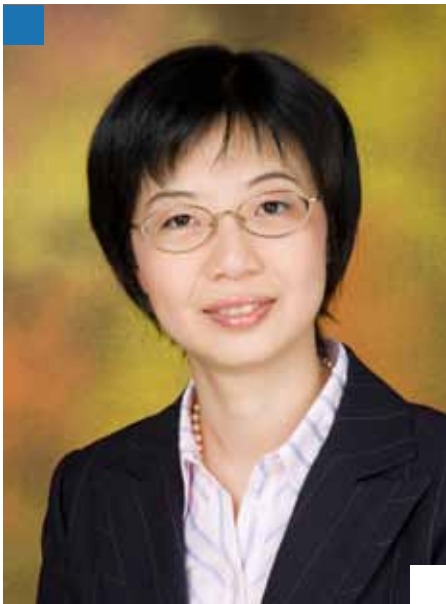
This activity is supported
by an educational grant from

AMGEN

For more information and agenda updates, visit: boneandcancerfoundation.org

2010 Noa Schwartz Siris Research Award Given to Ling Qin, PhD

Dr. Ling Qin, Assistant Professor in the Department of Orthopedic Surgery at the University of Pennsylvania, is the recipient of the 2010 Noa Schwartz Siris Research Award.



Dr. Ling Qin

The Noa Schwartz Siris Award funds basic and clinical research on osteosarcoma and bone metastasis. It was named in honor of Dr. Noa Schwartz Siris a young physician who died of osteosarcoma. The award includes a grant of \$20,000.

“Osteosarcoma is the most common type of solid bone cancer and the second leading cause of cancer-related death for children and adolescents. Currently, the standard treatments for osteosarcoma are chemotherapy and surgery, and the survival rate using those treatments is 60-80%. However, some tumors do not respond well to chemotherapy. Clearly there is a need to develop new therapies to treat this cancer. With this research award, I will be able to test my theory in hopes that I will develop a novel treatment to help those afflicted by this disease,” Dr.

Qin said.

Dr. Qin continued, “We have learned that a protein, Epidermal growth factor receptor (EGFR) found on the surface of cancer stem cells helps tumors to form. We believe that blocking the activity of this protein may stop the growth of osteosarcoma cells and lead to new treatments. One of our research techniques is to isolate cancer stem cells from osteosarcoma cells and analyze how blocking EGFR protein activities affects osteosarcoma stem cells in mice. Finally, we will examine osteosarcoma stem cells in patient samples and study what happens to these cells when the EGFR protein is suppressed. I am grateful and honored to be the recipient of the 2010 Noa Schwartz Siris Research Award from the Bone and Cancer Foundation.” ■

The Bone and Cancer Foundation will continue to provide information to patients, family members, healthcare professionals and others through its publications, website, meetings and direct communication.

Please visit the BCF website www.boneandcancerfoundation.org

for updates on BCF activities.

RESPONSE FORM (Please print and return by fax or mail)

Mr. Mrs. Miss Ms. _____

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____ E-mail _____

Enclosed is my tax-deductible contribution of:

\$15 \$25 \$35 \$50 \$100 \$250 Other _____

Please make the check payable to the **BONE & CANCER FOUNDATION**.

For contributions over \$25, you may use MasterCard Visa or American Express

Card # _____ Exp. Date _____

Signature _____

Name on Card _____

BONE & CANCER FOUNDATION PUBLICATIONS ORDER FORM

QUANTITY (PLEASE CHECK)

- | | | | | |
|---|-------|--------|--------|--------|
| • Questions & Answers about Prostate Cancer, Bone Metastases, & Treatment-Related Osteoporosis | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Questions & Answers about Breast Cancer, Bone Metastases, & Treatment-Related Bone Loss | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Myeloma Bone Disease, Current and Future Treatment | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Osteonecrosis of the Jaw (ONJ): Information for Cancer Patients | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Vitamin D Deficiency: Information for Cancer Patients | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • What Lung Cancer Patients Need to Know About Bone Health | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Osteosarcoma | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Surgical Management of Cancer That Spreads to the Bone | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Managing Pain Related to Cancer and Bone | ___ 1 | ___ 10 | ___ 25 | ___ 50 |
| • Physical Therapy and Other Rehabilitation Therapies for Patients with Cancer and Bone Involvement | ___ 1 | ___ 10 | ___ 25 | ___ 50 |

(Publications are also available on the Bone and Cancer Foundation website - www.boneandcancerfoundation.org)

FOR LARGER QUANTITIES, PLEASE CALL THE BONE & CANCER FOUNDATION AT (888) 862-0999

POSTAGE & SHIPPING FEE: FOR A TOTAL ORDER OF MORE THAN 50 PUBLICATIONS, THERE IS A POSTAGE & SHIPPING FEE OF \$15, PAYABLE BY CHECK TO THE **BONE & CANCER FOUNDATION**.

PATIENT EDUCATION MEETING – NEW YORK CITY

- Please send information on the patient education meeting, *Caring For Your Bones When You Have Cancer*, Saturday, August 7, 2010, New York, NY

CONFERENCE FOR MEDICAL PROFESSIONALS

- Please send information on the meeting, *Clinical Perspectives on the Treatment of Bone Metastasis*, Saturday, October 9, 2010, University of Pittsburgh, Pittsburgh, PA

BONE & CANCER FOUNDATION ADVISORY MEDICAL PANEL

CHAIRMAN: G. David Roodman, M.D., Ph.D., Pittsburgh, PA

Robert F. Gagel, M.D., Houston, TX • Theresa A. Guise, M.D., Indianapolis, IN • Joseph M. Lane, M.D., New York, NY • Allan Lipton, M.D., Hershey, PA • Kenneth J. Pienta, M.D., Ann Arbor, MI • Matthew Smith, M.D., Ph.D. • Catherine Van Poznak, M.D., Ann Arbor, MI

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