

PLAN NOW TO ATTEND

Friday Half-Day Seminar on
**Prevention and Treatment of
Bisphosphonate-Induced
Osteonecrosis**

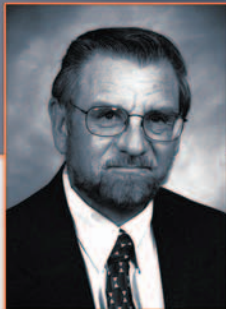
Presented by
Robert E. Marx, DDS

Friday, September 7, 2007
The Westin Chicago Northwest
Itasca, Illinois

Saturday Half-Day
Limited-Attendance Workshop on
Clinical Applications of rhBMP-2

Presented by
Robert E. Marx, DDS and Myron Nevins, DDS

Saturday, September 8, 2007
Quintessence Publishing Office
Hanover Park, Illinois



Robert E. Marx, DDS



Myron Nevins, DDS

SEMINAR SCHEDULE

12:00 PM – 1:00 PM

Registration

1:00 PM – 5:00 PM

Lecture*

5:00 PM – 6:00 PM

Cocktail Reception

*Includes coffee break

Registration Fee

Friday Half-Day Seminar
\$300

At the Westin Chicago Northwest
(includes coffee breaks and cocktail
reception)

Saturday Half-Day
Workshop
\$300

At Quintessence Office
(includes continental breakfast, cof-
fee breaks, workshop material, and
lunch)

Special Fee for those
attending both days
\$450

PREVENTION AND TREATMENT OF BISPHOSPHONATE-INDUCED OSTEONECROSIS

Presented by **Robert E. Marx, DDS**

Patients taking oral bisphosphonates face a risk of developing nonhealing exposed bone (bisphosphonate-induced osteonecrosis) following an invasive oral surgical procedure; these patients then present a challenge to the practitioner managing such osteonecrosis once it develops. This seminar describes a simple blood test that can be used to assess the risk of patients on oral bisphosphonate therapy for developing osteonecrosis before they undergo any elective oral surgical procedure. Specific protocols for managing patients with exposed bone and recommendations for preventive measures also will be presented.

COURSE OUTLINE

1. The mechanism of bisphosphonates and their effects on bone
2. Why the jaws?
3. Recognition, prevention, and treatment of intravenous bisphosphonate-induced osteonecrosis
4. Oral bisphosphonates and osteoporosis
5. CTX testing for oral bisphosphonate-induced bone suppression
6. Prevention and treatment of oral bisphosphonate-induced osteonecrosis

COURSE OBJECTIVES

- † To gain an understanding of the toxic effects of bisphosphonates on bone
- † To relate proper history taking and examination techniques for the recognition of bisphosphonate-induced osteonecrosis
- † To appreciate the difference between intravenous bisphosphonate-induced osteonecrosis and oral bisphosphonate-induced osteonecrosis
- † To learn the value of CTX testing related to oral bisphosphonate-induced osteonecrosis
- † To learn the prevention and treatment protocols for all bisphosphonate-induced osteonecrosis cases

CE Credits: 4 hours

CLINICAL APPLICATIONS OF rhBMP-2

Presented by Robert E. Marx, DDS and Myron Nevins, DDS

Recombinant human bone morphogenetic proteins (rhBMPs) offer an alternative to traditional bone grafting, which has long been considered the gold standard. Clinical application of rhBMP-2 continues to evolve in improving the treatment of different areas of the facial skeleton, particularly segmental defects. It has been demonstrated to be successful in inducing bone formation in the maxillary sinus prior to root-form implant placement. Led by two researchers involved in the early development of rhBMP, this workshop provides participants with training on and information about current techniques for using it in sinus augmentation and alveolar ridge augmentation. Participants will obtain practical knowledge and experience and will also be given an opportunity to discuss their most challenging cases.

COURSE OBJECTIVES

- † Gain insight into the evidence of bone regeneration obtained with different modalities
- † Recognize the selective process for osteogenic procedures in implant site development
- † Understand the role of growth factor technology to help you accomplish your treatment goals

CE Credits: 4 hours

How to Register

- † Register online at www.quintpub.com/seminar, or
- † Mail your form and check (payable to Quintessence Publishing Co, Inc) for the registration fee to Quintessence Publishing at the address indicated on the registration form, or
- † Fax your form with credit card information (Visa, MasterCard, American Express, or Discover) to Quintessence at 630-736-3633, or
- † On-site registration will be accepted only on the basis of space availability and thus cannot be guaranteed. Early advance registration is strongly recommended.

The deadline for registering for the seminar is August 20, 2007.

Cancellations/Refunds

Cancellations made in writing and received by Quintessence before August 20, 2007, will be refunded in full. For cancellations received on or after August 20, 2007, but before the start of the meeting, a cancellation fee of US \$25 will be charged. No refunds will be made after the seminar date.

WORKSHOP SCHEDULE

8:00 AM – 8:30 AM

**Registration/
Continental breakfast**

8:30 AM – 11:30 AM

Lecture*

11:30 AM – 12:30 PM

Hands-on Workshop

1:00 PM – 2:00 PM

Luncheon Discussion

*Includes coffee break

Continuing Dental Education Credit

Attendees of the Seminar and/or Workshop will receive 4 hours of CE credit per day.

Quintessence Publishing Co, Inc is an ADA CERP Recognized Provider.

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REGISTRATION FORM

PLEASE CHECK ONE:

- † Friday Half-Day Seminar (R10) US \$300
- † Saturday Half-Day Workshop (R20) US \$300
- † Special Fee for those attending both days (R30)
US \$450

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COUNTRY _____

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E-MAIL _____

PLEASE CHECK HERE IF YOU NEED TRANSPORTATION:

- † From the airport to the hotel
- † From the hotel to Quintessence

PLEASE SELECT ONE:

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- † Charge to: (circle one)
Visa / MasterCard / American Express / Discover

CARDHOLDER'S NAME

CREDIT CARD NUMBER

EXPIRES

SIGNATURE

† Oral surgeon † Periodontist † Other _____

Quintessence Publishing Co, Inc

4350 Chandler Drive, Hanover Park, IL 60133

Phone (630) 736-3600 † Fax (630) 736-3633

E-mail: service@quintbook.com † Website: www.quintpub.com



Location

The Westin Chicago Northwest is located just 12 miles from O'Hare International Airport and 27 miles from downtown Chicago. Offers easy access to both the interstate and rail transportation and neighboring Woodfield Mall, which boasts world-class dining and shopping.

Visit www.quintpub.com to obtain driving directions to the hotel and the Quintessence office.

HOTEL RESERVATION BY AUGUST 16, 2007

The Westin Chicago Northwest Standard Single \$119 per night

Hotel rooms have been blocked for seminar attendees at the Westin Chicago Northwest hotel. The hotel is offering a special rate of \$119 per night plus tax. The cut-off date to make reservations is August 16, 2007; after this date, reservations are subject to availability. Call the hotel reservation desk directly at (630) 773-4000 or (800) 627-8510. Be sure to indicate the name of Quintessence to receive this special rate.

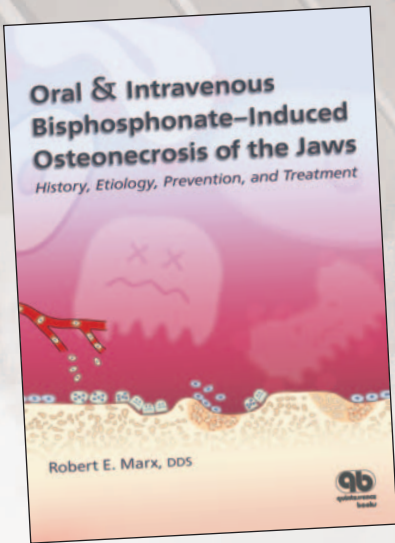
The Westin Chicago Northwest

400 Park Blvd, Itasca, Illinois 60143
Tel 630/773-4000 + Fax 630/773-4088
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Quintessence Publishing Co, Inc
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**Oral & Intravenous
Bisphosphonate-
Induced
Osteonecrosis
of the Jaws:
*History, Etiology,
Prevention,
and Treatment***

Robert E. Marx

Since it was first identified in 2003, bisphosphonate-induced osteonecrosis has come under growing scrutiny by medical and dental specialists alike because it affects cancer patients receiving intra-

venous bisphosphonate therapy and osteoporosis patients receiving oral bisphosphonate therapy, and yet its presentation of exposed bone is limited to the jaws. Based on a clear understanding of the disease mechanism and documented outcomes of the relatively small number of cases treated to date, this timely book presents definitive treatment protocols for patients who present at each stage in its progression. Equally important, it offers a simple method for predicting risk as well as crucial recommendations for steps that can be taken to prevent the disease from developing when bisphosphonate therapy is indicated. Finally, a series of comprehensive case histories related to both oral and intravenous bisphosphonates provide direct guidance in managing patients spanning the full presentation spectrum.

Contents

1. Description and History of Bisphosphonate-Induced Osteonecrosis of the Jaws
 2. Modes of Action and Pharmacokinetics of the Bisphosphonate Family
 3. Medical Indications for Bisphosphonates
 4. Osteopetrosis: The Genetic Analogue of Bisphosphonate-Induced Osteonecrosis of the Jaws
 5. Intravenous Bisphosphonate-Induced Osteonecrosis of the Jaws
 6. Oral Bisphosphonate-Induced Osteonecrosis of the Jaws
 7. Case Histories
- Glossary

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