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*Osteoporosis:
Turning up the volume on a silent disease?*

2006 Programs

Program Chair
David Dempster, PhD

Program Evaluation
December 20, 2006

Introduction

The National Association for Continuing Education (NACE) sponsored 4 CME programs entitled *Osteoporosis: Turning up the volume on a silent disease* in 2006. The program was designed for specialists in osteoporosis (rheumatologists, endocrinologists, and OB-GYNs), primary care physicians, nurse practitioners and physician's assistants.

The purpose of this program was to review recent progress in our understanding of the epidemiology and pathogenesis of osteoporosis and how fracture risk can be substantially reduced using a range of approved medications. The efficacy and mechanisms of action of antiresorptive agents were reviewed in depth and contrasted with those of anabolic agents. The potential benefits of combined and/or sequential use of these two classes of drug was also be considered. In addition, new treatment options currently in clinical trials were discussed.

Seventy-five healthcare providers attended *Osteoporosis: Turning up the volume on a silent disease*. Each attendee was asked to complete and return a conference satisfaction and planning form prior to the end of the conference. This form asks attendees to evaluate the course content, logistics, and speakers, provide recommendations for future CME programs, and provide information that will be used to plan and market future programs. Fifty-nine (79% of attendees) completed forms were received. This report displays the data collected for the five programs as a whole, as well as for each individual program.

Program Locations, Dates, and Faculty

PROGRAM DATE/LOCATION	PROGRAM FACULTY	
Denver, CO June 10, 2006	Michael R. McClung, MD <i>Associate Professor of Medicine Oregon Health Sciences University Director, Oregon Osteoporosis Center Portland, OR</i>	David W. Dempster, PhD <i>Professor of Clinical Pathology College of Physicians and Surgeons Columbia University, New York, NY Director, Regional Bone Center Helen Hayes Hospital West Haverstraw, NY</i>
Cleveland, OH August 26, 2006	Michael Maricic, MD <i>Chief of the Section of Rheumatology Director of Internal Medicine Resident and Education at the Southern Arizona VA Health Care System Associate Professor of Clinical Medicine University of Arizona School of Medicine</i>	David W. Dempster, PhD
Pittsburgh, PA September 30, 2006	Robin K. Dore, MD <i>Clinical Professor of Medicine Division of Rheumatology UCLA School of Medicine Los Angeles, CA</i>	David W. Dempster, PhD
Charleston, SC October 7, 2006	Michael Maricic, MD	David W. Dempster, PhD

Learning Objectives

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

1. Describe recent data on the epidemiology and pathogenesis of osteoporosis.
2. Apply recent guidelines on the diagnosis and treatment of osteoporosis.
3. Evaluate the efficacy of available anti-fracture agents, understand their mechanism of action, and make appropriate recommendations for treatment of patients with osteoporosis.
4. Discuss the potential benefits of combined and/or sequential therapy with antiresorptive and anabolic agents.
5. Describe the potential benefits of new anti-fracture agents in development.

Program Schedule

8:00 am – 8:45	Registration and Continental Breakfast Welcome
8:45 am – 9:45 am	Osteoporosis: Epidemiology, Diagnosis, and Treatment Guidelines in 2006
9:45 am – 10:45 am	Antiresorptive Therapies: Efficacy, Mechanism of Action, and New Developments
10:45 am – 11:00 am	Break
11:00 am – Noon	Anabolic Therapies: Efficacy, Mechanism of Action, and New Developments

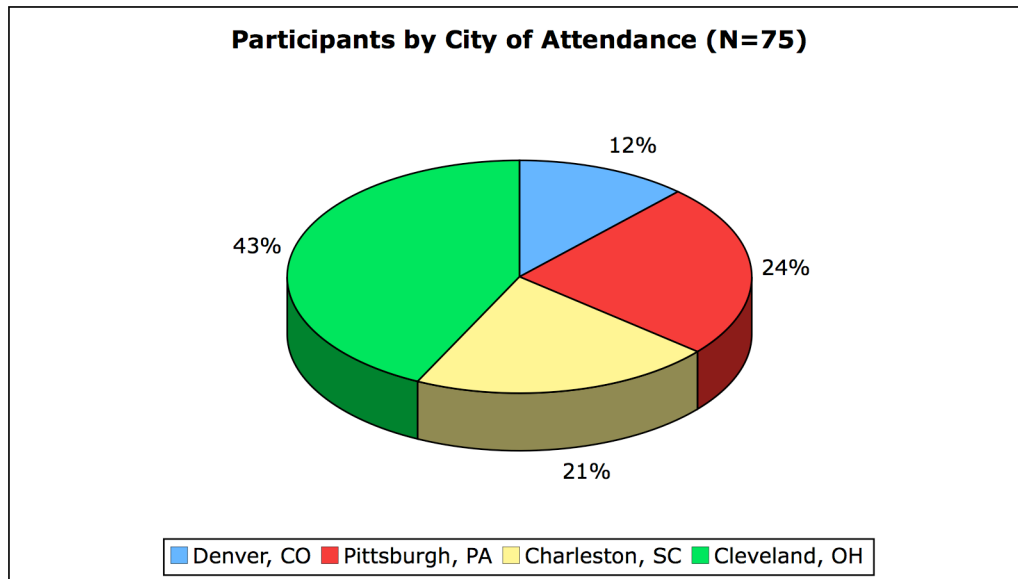
Overall Results - 4 Sessions

N = 59

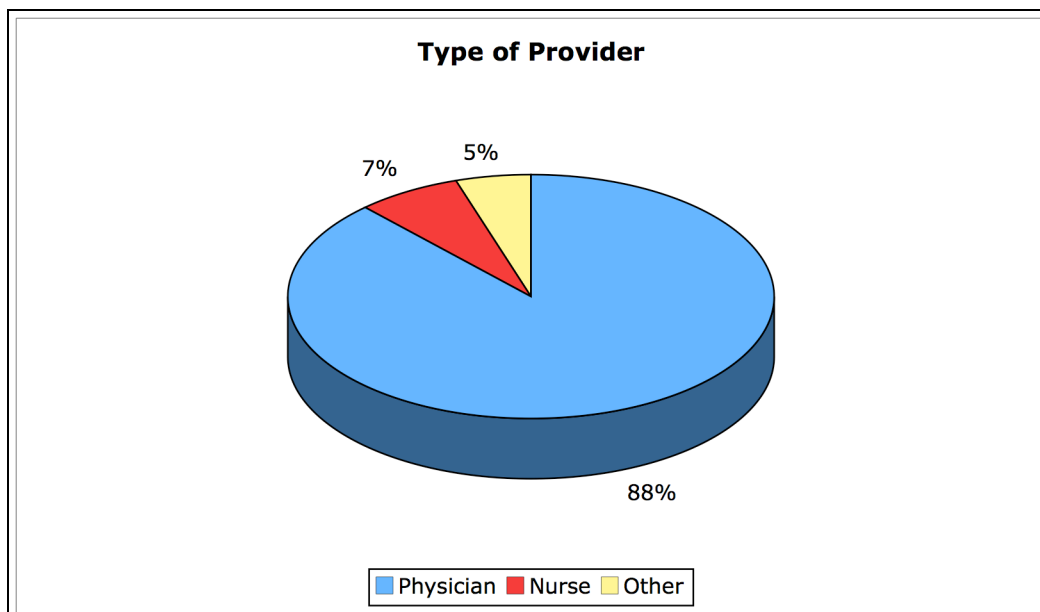
1. Check whether you are here as a			
Physician	88%		
Nurse	7%		
Other	5%		
2. Specialty			
Family/Internal Medicine	38%		
ObGyn	13%		
Did not respond	49%		
3. How did you first hear about this conference?			
Received program in mail	90%		
Heard about it from a pharmaceutical representative	0%		
Heard about it from a colleague	8%		
Other	2%		
4. What attracted you most to this program?			
	Very Important (3)	Somewhat Important (2)	Not at all Important (1)
Opportunity to earn CME/CE credits	2.6		
Quality of the presenters	2.5		
Topics covered	2.7		
Local setting	2.9		
5. Please rate the overall program.			
	Excellent (4)	Good (3)	Fair (2)
			Unsatisfactory (1)
Overall value of this conference	3.9		
Objectives of this activity were met	3.8		
Quality of information presented	3.9		
Information was scientifically rigorous and balanced	3.9		
Presentations were free of commercial bias	3.7		
Content was relevant to your practice	3.6		
Participation in this activity enhanced your knowledge	3.8		
You will alter your practice as a result of this activity	3.5		
Overall organization of the meeting	3.8		
Usefulness of handouts	3.7		
Audiovisual	3.4		

Participant Information

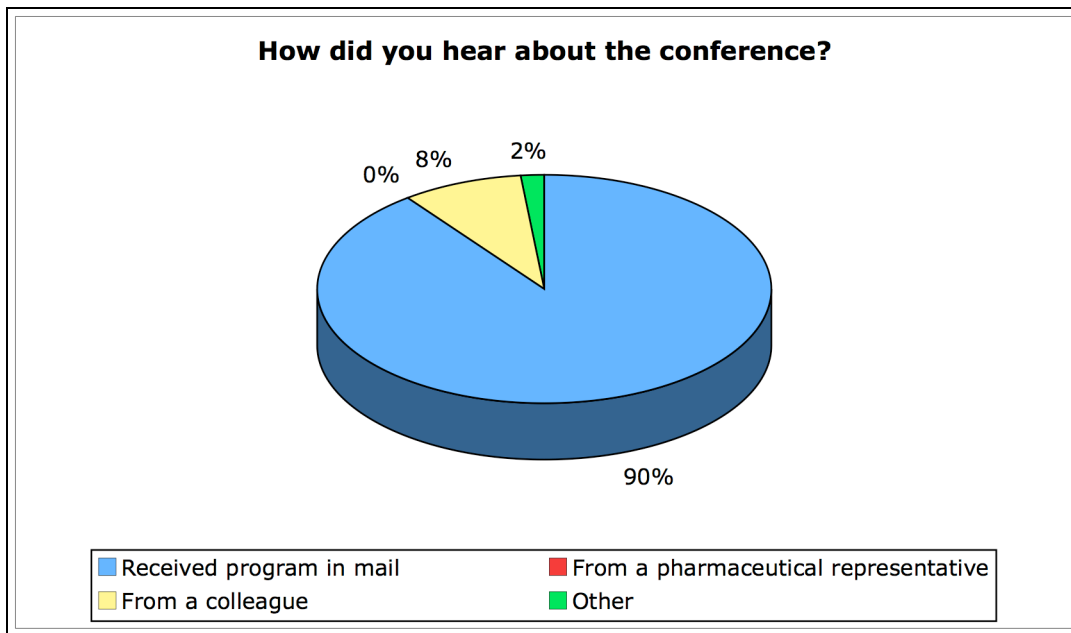
This program captured a total of 75 healthcare providers from across the country. The chart below shows the participants by city of attendance. The Cleveland, OH program had the highest attendance with 32 participants.



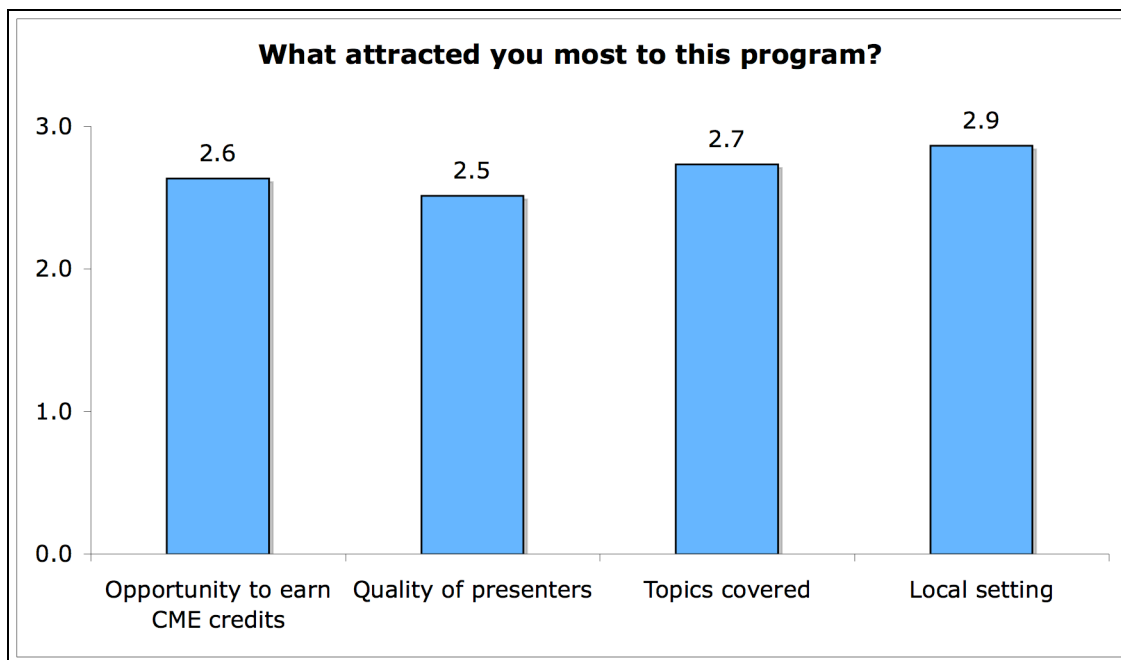
Eighty-eight percent of attendees were physicians, the majority specializing in Internal Medicine. Nurses comprised seven percent of attendees. The remaining five percent of attendees were other types of health care providers.



Ninety percent of attendees heard about the conference through the mailed program and 8% of attendees heard about the program from a colleague. The remainder of attendees heard about the conference from another source (2%).

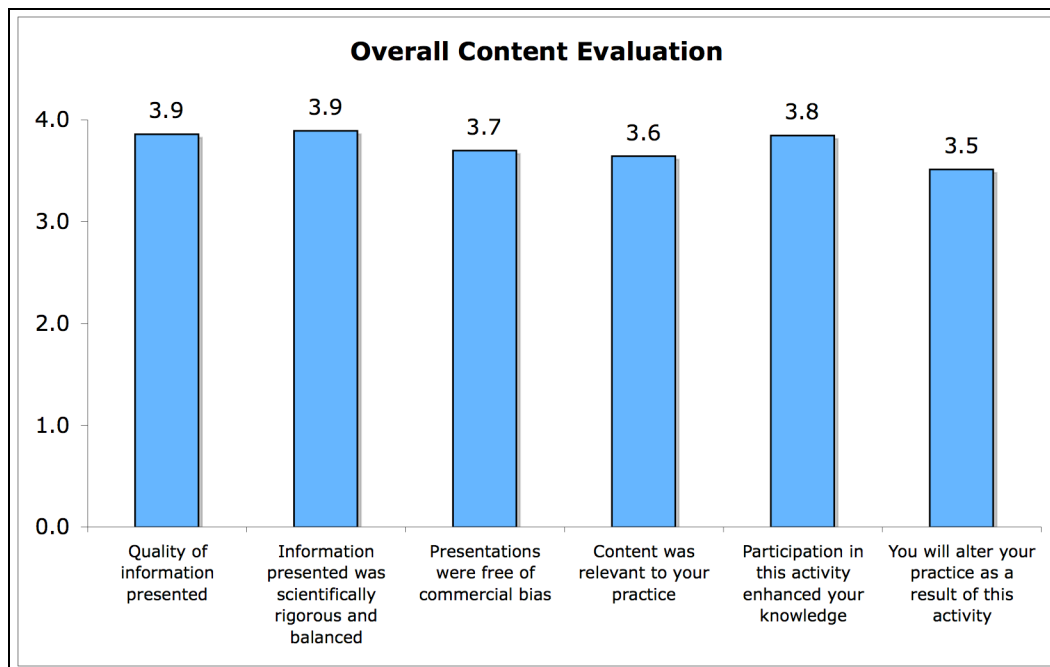
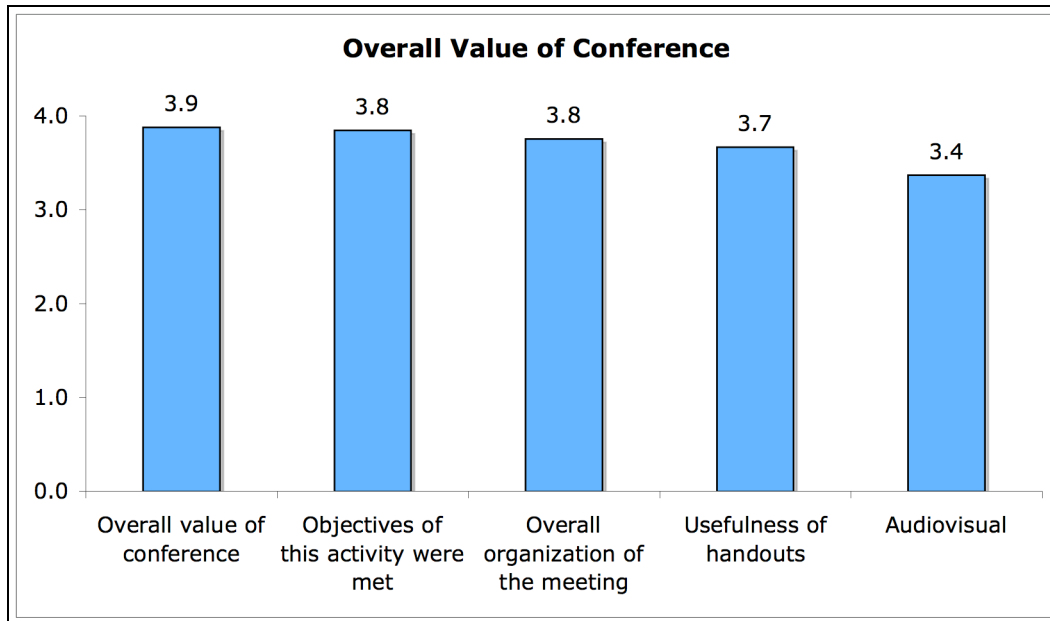


Attendees were asked to rate the importance of the aspects that attracted them to the program on a three-point scale, with 1 being “Not At All Important”, 2 being “Somewhat Important”, and 3 being “Very Important”. All aspects were rated on average as “Very Important”, with local setting as the most important.

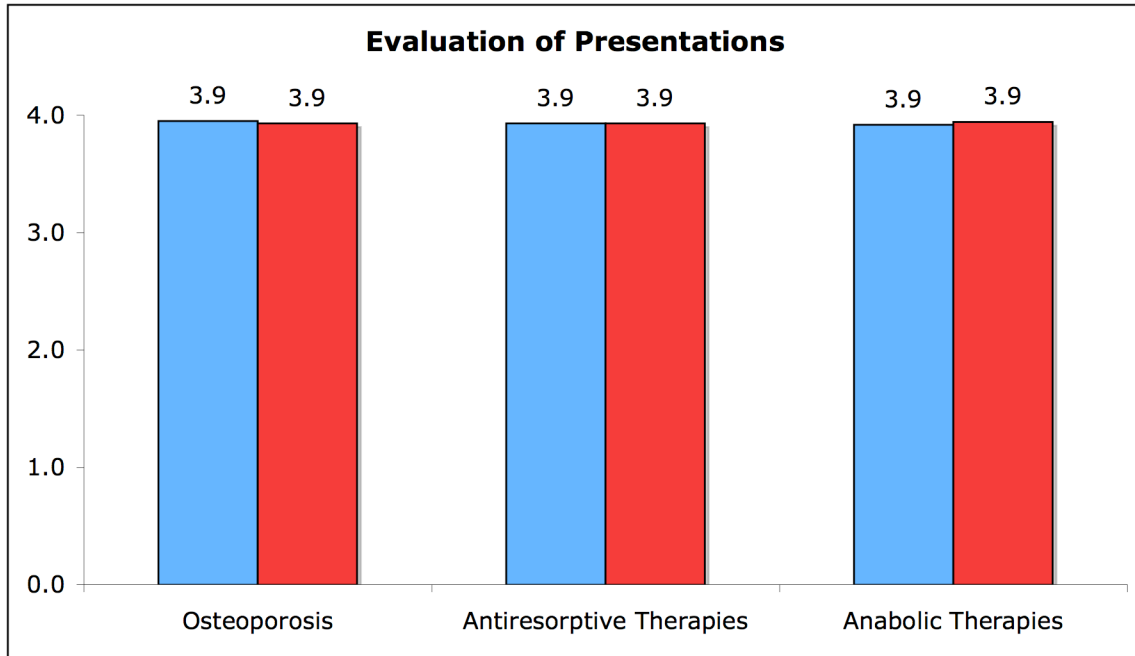


Program Evaluation

Attendees were asked to rate aspects of the overall conference on a four-point scale, with one being “Unsatisfactory” and four being “Excellent”. Overall, attendees rated the program as “Excellent”, with an average score of 3.7. Average scores for each aspect are displayed in the chart below.



Attendees were also asked to rate the content of each presentation and the presentation skills of each speaker on a four-point scale, with one being “Unsatisfactory” and four being “Excellent”. Overall, attendees rated the presentations as “Excellent” with an average score of 3.9. Average scores for each presentation are displayed in the chart below.



Needs Assessment

Attendees were asked to complete a needs assessment survey to assist in planning future continuing education activities. Below is a list of the most frequently suggested topics. For a full list, refer to the Appendix.

- ADHD (2)
- Asthma (2)
- Breast Cancer (2)
- Breast Imaging (2)
- Cardiology (3)
- Cardiovascular disease (2)
- Complimentary Alternative Medicine (2)
- Dermatology (5)
- Diabetes (10)
- Hormonal Therapies (2)
- Hypertension (5)
- Inhaled Medications (2)
- Lipid disorders (4)
- Menopause (2)
- MRI (3)
- Osteoarthritis (3)
- Osteoporosis (3)
- Pagets Disease (2)
- PET (2)
- Thyroid Disease (6)
- Ultrasound (2)
- Weight management (2)
- Women's health (3)

Summary

Overall, the *Osteoporosis: Turning up the volume on a silent disease* program was successful. The program captured a wide-range of healthcare providers from across the country. Attendees indicated on their evaluation forms high satisfaction with the topics, speakers, and overall quality of the conference.

Appendix A

Suggested Topics

Acupuncture
ADHD (2)
Allergies
Anthrocentesis
Arthritis
Asthma (2)
Bipolar disorder
Breast Cancer (2)
Breast Imaging (2)
Cardiology (3)
Cardiovascular disease (2)
Chronic pain management
Combination Rx
Complimentary Alternative Medicine (2)
Depression
Dermatology (5)
Diabetes (10)
Endoscopy
ENT issues
Genetic testing
GERD
Geriatrics
Gout
Healing ministry (faith)
Hemophilia
Hep C
High risk OB issues for the generalist
Hormonal Therapies (2)
HPV
Hypercholesterolemia
Hyperlipidemia
Hyperparathyroid
Hypertension (5)
Infectious Disease (2)
Infertility
Inflammatory Bowel Disease
Inhaled Medications (2)
Injections
Lipid disorders (4)
Lipo Protein
Lung cancer
Menopause (2)
Metabolic Disorders
MRI (3)
Musculoskeletal disorders
New Discoveries
Non statin treatment of hyperlipidemia
Obesity
Office Rx
Osteoarthritis (3)
Osteoporosis (3)
Pagets Disease (2)
Pain Management
Pelvic Flam. Disorders
PET (2)
Pulmonary Disorder
Pulmonary Function Test
RA
Rapid CT of Heart for ASHD
Recent therapeutics in AID's
Rheumatology
Skin conditions associated with systemic diseases
Thyroid Disease (6)
Ultrasound (2)
Vaccines
Vasculitis
Vitamin D
Weight management (2)
Women's health (3)

Appendix B

Suggested Speakers

Condren
Tom Dayspring
Deal
Dempster
Robin K. Dore
Marle Evans
Hetner
Holick
Javanovic
Lyles-Pester
MacNutt
Maricic
McClung
Paul Miller
Simpson
Vinick
Willard

Appendix C

Overall Comments/Suggestions

Room too hot, too small

Thank you.

Excellent (3)

Excellent presentation.

Best conference on this topic I ever attended. Excellent.

Very Good CME

Very Educational

Excellent speakers

Informative & Educational

Very helpful program

Great clinical information.

Great seminar given the A/V limitations