Conservative Treatment of Childhood Scoliosis

Friday, June 12, 2015
Course Directors
Hagit Berdishevsky, PT, MSPT, DPT, MDT, Co-Director, Center for Conservative Care of Children with Curves, Columbia University College of Physicians & Surgeons, New York, New York
Michael G. Vitale, M.D., M.P.H., Ana Lucia Professor of Pediatric Orthopaedic Surgery (in Orthopaedic Surgery) at CUMC; Chief, Pediatric Spine and Scoliosis Surgery; Co-Director, Pediatric Orthopaedics, Columbia University College of Physicians & Surgeons, New York, New York

Faculty
Sunil K. Agrawal, Ph.D., Professor of Mechanical Engineering and of Rehabilitation and Regenerative Medicine, Columbia University College of Physicians & Surgeons, New York, New York
Prachi Bakarania, DPT, BSPTS Scoliosis Therapist, Department of Orthopaedic Surgery, Columbia University College of Physicians & Surgeons, New York, New York
Denise Coleman, PT, DPT, Senior Clinician-Physical Therapist, New York-Presbyterian Hospital, New York, New York
Beth Janssen, PT, Owner, Scoliosis Rehab Inc.
Andrea Lebel, Registered Physiotherapist, M.Sc (PT), MCPA, Owner and Director, Ottawa & District Physiotherapy Clinic, Ottawa, Canada
Jeanann Maguffin, DPT, MS, OCS
Marissa M. Muccio, PT, C/NDT, Owner and President, Pediatric Rehabilitation of North Jersey, Wayne, New Jersey
Patti Orthwein, PT, Certified Schroth Therapist/BSPTS
Lou Ann Rivett, Ph.D., BSc Physiotherapy
Benjamin D. Roye, M.D., M.P.H., Assistant Professor of Orthopedic Surgery at CUMC, Columbia University College of Physicians & Surgeons, New York, New York
David P. Roye Jr., M.D., St. Giles Foundation Professor of Pediatric Orthopaedic Surgery at CUMC; Director, Pediatric Orthopaedic Surgery, Columbia University College of Physicians & Surgeons, New York, New York
James Sanders, M.D., Professor of Orthopaedics and Pediatrics, University of Rochester Medical Center, Rochester, New York
Amy Sbihli, MPT, DPT, BSPTS, Director of Scoliosis Services, Orthopaedics Plus, Burlington, Massachusetts
John Tunney, BOCPO, East Coast Orthotic & Prosthetic Corp.
7:15 a.m. Registration; Continental Breakfast

7:50 a.m. Welcome and Introduction
Michael G. Vitale, M.D., M.P.H.

CASTING FOR EARLY ONSET SCOLIOSIS
8:00 a.m. Idiopathic Infantile Scoliosis: Background and Philosophy of Casting
James Sanders, M.D.

8:15 a.m. Derotational Casting: Technique and Experiences
Michael G. Vitale, M.D., M.P.H.

8:30 a.m. Panel Discussion

8:40 a.m. Family Experiences: During and After Casting
Michael G. Vitale, M.D., M.P.H.

9:00 a.m. Panel Discussion

9:10 a.m. Refreshment Break

CONSERVATIVE TREATMENT OF ADOLESCENT IDIOPATHIC SCOLIOSIS
9:30 a.m. Welcome and Introduction
Hagit Berdishevsky, PT, MSPT, DPT, MDT

9:35 a.m. AIS: An Overview
James Sanders, M.D.

9:50 a.m. Schroth Overview and Other Physiotherapy Scoliosis Specific Exercises (PSSE)
Hagit Berdishevsky, PT, MSPT, DPT, MDT

10:10 a.m. Case Study: JIS Schroth Patient
Andrea Lebel, Registered Physiotherapist, M.Sc (PT), MCPA

10:20 a.m. The Role of Schroth in Adults
Amy Sbihli, MPT, DPT, BSPTS

10:30 a.m. The Rehab Team: Putting It All Together
Patti Orthwein, PT, Certified Schroth Therapist/BSPTS

10:40 a.m. Schroth Physical Therapy: An Update on Research
David P. Roye Jr., M.D.

10:50 a.m. Panel Discussion

11:00 a.m. Traditional Bracing and New Developments and the Importance of Compliance
David P. Roye Jr., M.D.

11:15 a.m. SOSORT Speaker
Lou Ann Rivett, Ph.D., BSc Physiotherapy
11:30 a.m. The RSC® Brace System (Original Rigo-System-Chêneau)  
**John Tunney, BOCPO**

11:45 a.m. Dynamic Brace for Correction of the Abnormal Human Spine  
**Sunil K. Agrawal, Ph.D.**

11:55 a.m. Panel Discussion

12:05 p.m. When It’s Time to Move Beyond Conservative Treatments  
**Michael G. Vitale, M.D., M.P.H.**

12:15 p.m. Physical Therapy after Spinal Fusion for Scoliosis  
**Beth Janssen, PT**

12:15 p.m. Curvy Girls Personal Experience  
**TBD**

12:35 p.m. Panel Discussion

12:45 p.m. Luncheon Session: Case Reports of Schroth Patients  
**Prachi Bakarania, DPT, BSPTS Scoliosis Therapist**  
**Denise Coleman, PT, DPT**  
**Beth Janssen, PT**  
**Jeanann Maguffin, DPT, MS, OCS**  
**Marissa M. Muccio, PT, C/NDT**

1:45 p.m. Breakout Sessions:  
1) Rigo Cheneau Brace Fit 101  
2) Schroth PT Essentials

2:30 p.m. **Adjourn**

**Accreditation Statements**

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**AMA Credit Designation Statement**

The College of Physicians and Surgeons designates this live activity for a maximum of 4.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Program Description & Objectives
The 2nd Annual Conservative Treatment of Childhood Scoliosis CME is an opportunity to learn about state of the art, non-operative treatment of scoliosis across the ages. In recent years we have gained a new appreciation for, and experience with Mehta casting in children with infantile and juvenile scoliosis. Experts in the field will share theory and hands on practical tips in Mehta or EF casting. Patients with juvenile and adolescent scoliosis also have vastly expanded palette of treatment options including Schroth physical therapy and Riog Cheneau bracing. Experts from Columbia's Center for the Conservative Treatment of Scoliosis and visiting lecturers will share their experience in presentations and will demonstrate best practices in workshop settings.

The course will review the current state of knowledge about bracing, updated recently by the pivotal BRAIST trail and also summarize what we know about genetic prognostic testing for adolescent idiopathic scoliosis. Participants will emerge with a renewed appreciation of the three dimensional aspects of scoliosis and the full gamut of modern treatment options. Highlights will include presentations by patients and families of patients who have successfully been treated with casting, Schroth therapy and Rigo Cheneau bracing. The faculty and speakers are the most experienced in the field, bringing expertise in bracing, casting, and therapy for childhood scoliosis.

This activity is designed for providers who are treating patients with scoliosis and would like to assess the risk versus benefits of surgical treatments and non-operative treatments. Physical Therapists as well as physicians are strongly encouraged to attend.

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

• Discuss indications for serial casting of EOS and the measured outcomes.
• Apply the technique of serial casting to EOS.

Meeting Location
Alumni Auditorium
William Black Medical Research Building
Columbia University Medical Center
650 West 168th Street
New York, NY 10032

Parking is available at the Columbia University Medical Center parking lot, located on the southwest corner of Fort Washington Avenue and West 165th Street.

Additional Information
Contact: Center for Continuing Medical Education
Columbia University College of Physicians & Surgeons
630 West 168th Street, Unit 39
New York, NY 10032
Telephone: (212) 305-3334
Fax: (212) 305-5740
e-mail: cme@columbia.edu
**Tuition**

Physicians: $75. Families: $50. Other Health Professionals: $50. Patients: $25. The fee includes the plenary presentations, breakout sessions, continental breakfast, lunch and refreshments. Confirmation of registration will be sent upon receipt of the registration form. Refund of registration fee, less a $10 administrative charge, will be made if written notice of cancellation is received by **June 2, 2015**. No refunds can be made thereafter.

**Registration**

**Space is Limited. Early Registration is Encouraged.**

**By Mail:**

Complete the registration form and mail with full payment to:

Columbia University  
College of Physicians & Surgeons  
Center for Continuing Medical Education  
630 West 168th Street, Unit 39  
New York, NY 10032

**On-Line:**

www.columbiacme.org

Telephone registrations and/or cancellations are not accepted.

**Americans with Disabilities Act**

The Columbia University College of Physicians and Surgeons fully complies with the legal requirements of the ADA and the rules and regulations thereof. Any participant with special needs must submit a written request to our office at least one month prior to the course date.
Registration Form

COLUMBIA UNIVERSITY  Scoliosis
(Please print or type)

Last Name  Degree
First Name  Middle Initial
Address
City  State  Zip
Daytime Phone  Daytime Fax
e-mail

Please note: Your e-mail address is used for critical information about the course including: registration confirmation, course evaluation and certificate. Please be sure to include an e-mail address you check daily or frequently

Institution

Specialty Area of Interest

Orthopaedic Surgery PM 15
June 12, 2015
UR005191/4.75

☐ $75  Physicians
☐ $50  Families
☐ $50  Other Health Professionals
☐ $25  Patients

☐ Enclosed is a check or money order made payable to Columbia University.
Checks must be in U.S. Dollars drawn on a U.S. bank.
Money orders must be in U.S. Dollars.

For security purposes, credit card payments cannot be accepted by mail or fax. Please visit www.columbiacme.org to register and pay by credit card. American Express, Discover, MasterCard and Visa only.
Conservative Treatment of Childhood Scoliosis

Friday, June 12, 2015