

**PIEDMONT ORTHOPEDIC
SOCIETY
&
PIEDMONT ORTHOPEDIC
FOUNDATION**

59th Annual Meeting



Sea Island

The Cloister
Sea Island, Georgia

May 11-15, 2011

 **Duke School of Medicine**

Jointly Sponsored by the Duke University School of
Medicine and the Piedmont Orthopedic Society

GREETINGS FROM THE CO-CHAIRMEN

Welcome to the 59th Piedmont Orthopedic Society annual meeting. We are glad to be back at the Cloister at Sea Island to reconnect with old friends and make new ones. We know we will all have a great time with family and friends in this wonderful setting. We have had a great response for the academic program and look forward to many interesting presentations and discussions.

We are very pleased this year to be honoring Steve Lang for his many years of service to Duke Orthopaedics.

Thanks so much to Penny Howard for all her hard work with plans and details and to the Urbaniaks for their leadership of the Society.

We appreciate your participation! Have a great meeting.

Tom and Laura Spangler

Langdon and Charlotte Hartsock

TABLE OF CONTENTS

Greetings from the Co-Chairmen.....	3
Executive Committee.....	5
Piedmont Orthopedic Foundation.....	5
CME Statements.....	6-11
Faculty Listing.....	12-21
Scientific Agenda.....	23-32
Social Agenda.....	33-36
Piedmont Members Attending.....	37-38
Prior Guests of Honor.....	39
Guest of Honor.....	40-41
Past Chairmen.....	42-43
Future Meetings.....	44

PIEDMONT ORTHOPEDIC SOCIETY Executive Committee

Chairmen 2011.....	Langdon A. Hartsock, M.D. Thomas C. Spangler, M.D.
Chairmen 2010.....	William J. Richardson, M.D. John S. Kirkpatrick, M.D.
Chairmen 2012.....	Robert L. Friedman, M.D. Michael E. Berend, M.D.
Executive Secretary-Treasurer.....	James R. Urbaniak, M.D.
Co-Executive Secretary-Treasurer.....	William T. Hardaker, Jr., M.D.
Librarian-Historian.....	William J. Richardson, M.D.
Scientific Committee.....	David C. Urquia, M.D.
Members-at-Large.....	2011 Richard D. Goldner, M.D. 2011 Christian P. Christensen, M.D. 2011, 2012 Richard S. Moore, Jr., M.D. 2011, 2012 Philip E. Clifford, M.D. 2011, 2012, 2013 Matthew D. Olin, M.D., M.D. 2011, 2012, 2013 Edward G. Lilly, III, M.D., M.D. 2011, 2012, 2013 Andrew S. Holmes, M.D. 2011, 2012, 2013 Michael E. Berend, M.D.

PIEDMONT ORTHOPEDIC FOUNDATION

Chairman.....	Gary M. Lourie, M.D.
Chairman (Ex-office).....	Glen A. Barden, M.D.
Vice-Chairman.....	Kenneth E. Wood, M.D.
Secretary/Treasurer.....	Charles V. Taft, M.D.
Co-Secretary/Treasurer (Ex-office).....	Guy L. Rutledge, III, M.D.
Co-Secretary/Treasurer (Ex-office).....	Thomas M. Loeb, M.D.
Grant Review Committee.....	Gary M. Lourie, M.D. Dean G. Soteranos, M.D. Andrew E. Caputo, M.D. J. Mack Aldridge, III, M.D.

CME STATEMENTS

History

The Piedmont Orthopedic Society is a traditional organization of “life-long learners” many of whom, because of their training and experience, are classified as experts. The annual meeting is an opportunity for these learners to conduct peer presentations, as well as review and discuss many different topics. The 59 year history attests to the continued support of this notion of the members being “life-long learners”. Additionally, through peer solicitation of topics for presentation, other assessment methods are used to discuss the material. Ongoing clinical and research presentations traditionally include epidemiological data derived from prevalence of a topic; geographic data based on specific health problems of regional importance; and morbidity and mortality statistics introduced as complications of specific procedures. Quality Assurance statistics (QA) and/or Peer Review Data will document the need to address complications of a particular topic. Non-academic based physicians bring patient care audits for clinical critique. Because the Society has evolved from Duke University Medical Center trained orthopedic physicians, the members who now may or may not be at academic institutions still look to their peers from Duke to provide information in many different areas.

Statement of Need

This meeting has been designed to update the Piedmont Orthopedic Society members’ knowledge and skills in selected areas of orthopedic surgery, and to encourage members to study and analyze their own practices.

Learning Objectives

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

- Describe how to perform the most appropriate salvage reconstruction procedure once the initial implant has failed.
- Select the most appropriate patient for selection of the unicompartment total knee arthroplasty versus a total knee arthroplasty and appreciate the morbidity with each procedure.
- Analyze the value of bone substitutes or bone growth factors such as rhBMP-2 in improving the outcomes of spinal surgery in the appropriate selection of patients.

Target Audience

Orthopedic surgeons of the Piedmont Orthopedic Society.

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Duke University School of Medicine and the Piedmont Orthopedic Society. The Duke University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

The Duke University School of Medicine designates this educational activity for a maximum of 21.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclaimer

The information provided at this CME activity is for continuing medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient’s medical condition.

FACULTY DISCLOSURE

The following speakers and/or planning committee members have indicated they have no relationship(s) with industry to disclose relative to the content of this CME activity:

J. Mack Aldridge, III, M.D.
Diane M. Allen, M.D.
William C. Andrews, M.D.
Christopher J. Barnes, M.D.
James A. Browne, M.D.
Donald K. Bynum, M.D.
William C. Eward, M.D.
Robert D. Fitch, M.D.
Robert L. Friedman, M.D.
Anil K. Gupta, M.D.
William T. Hardaker, Jr., M.D.
Lloyd A. Hey, M.D.
Andrew S. Holmes, M.D.
Jonathan R. Kurtis, M.D.
Stephen N. Lang, M.D.
Gary M. Lourie, M.D.
Robert S. Mathews, M.D.
Angus M. McBryde, Jr., M.D.
Gregory A. Mencio, M.D.
Matthew D. Olin, M.D.
Marco Rizzo, M.D.
Vani J. Sabesan, M.D.
Sigurd C. Sandzen, M.D.
Jordan F. Schaeffer, M.D.
John W. Shaffer, M.D.
Mark B. Silbey, M.D.
Dean G. Sotereanos, M.D.
Thomas C. Spangler, M.D.
Charles V. Taft, M.D.

James R. Urbaniak, M.D.
David C. Urquia, M.D.
Walter H. Wray, III, M.D.

FACULTY DISCLOSURE

(continued)

The following speakers and/or planning committee members have indicated that they have relationship(s) with industry to disclose:

Michael E. Berend, M.D., Biomet, JRSI research; Angiotech advisory board.
Michael P. Bolognesi, M.D., Amedica advisory board; Depuy J&J, Wright Medical, Zimmer principal investigator; Orthosoft clinical use; Zimmer fellowship; Total Joint Orthopaedics, Biomet consultant; OREF fellowship; Biomet resident education support.
Joseph J. Calandra, M.D. Ion Surgical officer.
James K. DeOrio, M.D., Acumed, Arthrex, BioPro, DT Med Surg., Exactech, Integra, Merete, SBI, US Surgical, Wright Medical, Zimmer consultant.
Paul R. Greenlaw, M.D., Smith & Nephew consultant.
Langdon A. Hartssock, M.D., Synthes Pl.
Shawn B. Hocker, M.D., Zimmer consultant.
Jason E. Lang, M.D., DePuy, Smith & Nephew research support.
Robert K. Lark, M.D., Orthopaedic Innovations LLC owner.
Raymond Rocco Monto, M.D., Exactech speaker.
Richard S. Moore, Jr., M.D., Biomet, Integra, Acumed consultant.
Claude T. Moorman, III, M.D., Arthrex, Breg, DJO, Mitek, OREF fellowship support; Smith & Nephew speaker and consultant; Nutramax speaker; HealthSport stockholder.
Michael J. Morris, M.D., Biomet consultant.
Richard J. Nasca, M.D, Trans1 Inc. consultant.
James A. Nunley, M.D., Johnson & Johnson, Merck, Pfizer stockholder; Stryker, SBL, Integra consultant; Wright Medical royalty.
Thomas F. Roush, M.D., Nuvasive, Synthes consultant.
David S. Ruch, M.D., Acumed, Zimmer, Synthes consultant.
David H. Sohn, M.D., Smith & Nephew, speaker.
Dean C. Taylor, M.D., Arthrex, Breg-Orthofix, djOrtho, Smith & Nephew educational research grants; Depuy-Mitek fellowship support.
Terry L. Whipple, M.D., Orthopaedic Research of Virginia director; Sonoma Orthopedics consultant.
Kenneth E. Wood, M.D., Pioneer Surgical, Medtronic, stockholder.

Unapproved Use Disclosure

Duke School of Medicine requires CME faculty (speakers) to disclose to attendees when products or procedures being discussed are off-label, unlabeled, experimental, and/or investigational (not FDA approved); and any limitations on the information that is presented, such as data that are preliminary or that represent ongoing research, interim analyses, and/or unsupported opinion. This information is intended solely for continuing medical education and is not intended to promote off-label use of these medications. If you have questions, contact the medical affairs department of the manufacturer for the most recent prescribing information. Faculty will not be discussing information about pharmaceutical agents that is outside of U.S. Food and Drug Administration approved labeling.

Staff and Content Validation Reviewer Disclosure

The staff involved with this activity and any content validation reviewers of this activity have reported no relevant financial relationships with commercial interests.

Resolution of Conflicts of Interest

In accordance with the ACCME Standards for Commercial Support of CME, the Duke University School of Medicine implemented mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.

Instructions on How to Receive Credit

In order to receive credit for attending this symposium participants must review the CME information (learning objectives, accreditation, disclosure, etc.), attend the CME activity, and complete the CME Credit Attestation form (note: you may only claim those credits that you actually spent in the CME activity). CME Credit attestation forms must be completed and returned.

Go to the Web address below to fill out an online activity evaluation after the meeting has concluded. This Web address will also be emailed to you. A certificate of credit will be emailed or mailed to the requesting participant within eight weeks of receipt.

<http://www.zoomerang.com/Survey/WEB22C83J9T7GR/>

FACULTY

Activity Medical Director

James R. Urbaniak, M.D.
Virginia Flowers Baker Professor
Chief Emeritus
Duke University Medical Center
Box 2912
Durham, NC 27710
Email: urban006@mc.duke.edu

Activity Co-Director

Langdon A. Hartssock, M.D., FACS
John A. Siegling, M.D. Chair of Orthopaedic Surgery
Associate Professor and Chairman of Orthopaedic Surgery
Medical University of South Carolina
Suite 708 CSB
96 Jonathan Lucas Street
Charleston, South Carolina 29425
Email: hartssock@musc.edu

Planning Committee Member

Thomas C. Spangler, M.D.
Orthopaedic surgeon – private practice
Winston Bone & Joint Surgical Associates
3817 Forrester Drive
Winston-Salem, NC 27103
Email: tcspanler@gmail.com

Faculty

J. Mack Aldridge, III, M.D.
Orthopaedic Surgeon – private practice
Triangle Orthopaedic Associates, P.A.
120 William Penn Plaza
Durham, NC 27704
Email: mackaldridge@triangleortho.com

Diane M. Allen, M.D.
Assistant Professor, Department of Orthopaedic Surgery
Duke University Medical Center
Box 3384
Durham, NC 27710
Email: allen030@mc.duke.edu

William C. Andrews, Jr., M.D.
Orthopaedic Surgeon – private practice
Orthopaedic Center of Central Virginia
2405 Altherholt Road
Lynchburg, VA 24501
Email: wbcokie@aol.com

Christopher J. Barnes, M.D.
Orthopaedic Surgeon - private practice
Fayetteville Orthopaedic Clinic, PA
3308 Melrose Road
Fayetteville, NC 28304
Email: cjbarnesy@yahoo.com

Michael E. Berend, M.D.
Orthopaedic surgeon - private practice
Orthopaedic Indianapolis Center for Hip and Knee
1199 Hadley Road
Mooresville, IN 46158
Email: mikeberend@hotmail.com

Michael P. Bolognesi, M.D.
Director Adult Reconstruction Service and Fellowship
Assistant Professor, Department of Orthopaedic Surgery
Duke University Medical Center
Box 3269
Durham, NC 27710
Email: bolog002@mc.duke.edu

James A. Browne, M.D.
Assistant Professor Orthopaedic Surgery
University of Virginia School of Medicine
Department of Orthopaedics
Box 800159 HSC
Charlottesville, VA 22908
Email: browne_james@yahoo.com

Donald K. Bynum, M.D.
Yeargan Distinguished Professor of Orthopaedics
The University of North Carolina at Chapel Hill
Campus Box #7055
Chapel Hill, NC 27599-7055
Email: dkbhands@med.unc.edu

Joseph J. Calandra, M.D.
Orthopaedic Surgeon - private practice
Neuromusculoskeletal Medicine, Sports Medicine
2514 Harriets Island Court
Mt. Pleasant, SC 29466
Email: jcalandra@bellsouth.net

James K. DeOrio, M.D.
Associate Professor, Department of Orthopaedic Surgery
Duke University Medical Center
Box 3332
Durham, NC 27710
Email: james.deorio@duke.edu

William C. Eward, M.D.
John M. Harrelson Chief Resident Teaching Award recipient
Duke University Medical Center
Box 3000
Durham, NC 27710
Email: eward002@mc.duke.edu

Robert D. Fitch, M.D.
Associate Professor, Department of Orthopaedic Surgery
Director, Orthopaedic Pediatric Surgery
Clinical Associate, Department of Pediatric Surgery
Duke University Medical Center
Box 2911
Durham, NC 27710
Email: fitch002@mc.duke.edu

Paul R. Greenlaw, M.D.
Director, Eastern Carolina Joint Replacement Center
Wilson Medical Center
Wilson Orthopaedic Surgery and Neurology Center
1803 Forest Hills Road
Wilson, NC 27895
Email: pgreenlawmnd@yahoo.com

Anil K. Gupta, M.D.
Ralph Coonrad Mission Traveling Endowment recipient
Duke University Medical Center
Box 3000
Durham, NC 27710
Email: anil.gupta@duke.edu

William T. Hardaker, Jr., M.D.
Director Duke Orthopaedic Residency Training Program
Professor, Department of Orthopaedic Surgery
Duke University Medical Center
Box 3956
Durham, NC 27710
Email: harda001@mc.duke.edu

Lloyd A. Hey, M.D.
Orthopaedic Surgeon – private practice
Hey Clinic, P.A.
3404 Wake Forest Road, Suite 203
Raleigh, NC 27609
Email: hey@heyclinic.com

Shawn B. Hocker, M.D.
Orthopaedic Surgeon - private practice
Atlantic Orthopaedics
3787 Shipyard Boulevard
Wilmington, NC 28403
Email: shawnhocker@hotmail.com

Andrew S. Holmes, M.D.
Assistant Professor of Orthopaedic Surgery
The GW Medical Faculty Associates
2150 Pennsylvania Avenue, NW
Suite 7-413
Washington, DC 20037
Email: aholmes17@aol.com, aholmes@mta.gwu.edu

Jonathan R. Kurtis, M.D.
Orthopaedic Surgeon – private practice
Hampshire Orthopedics & Sports Medicine
6 Hatfield Street
Northampton, MA 01060
Email: jkurtismd@aol.com

Jason E. Lang, M.D.
Assistant Professor, Orthopaedics
Wake Forest University Health Sciences
Medical Center Boulevard
Winston-Salem, NC 27157
Email: jlang@wfbmc.edu

Stephen N. Lang, M.D.
Orthopaedic Surgeon – private practice
Triangle Orthopaedic Associates, P.A.
120 William Penn Plaza
Durham, NC 27704
Email: slang@triangleortho.com, Stephen.n.lang@gmail.com

Robert K. Lark, M.D.
Assistant Professor
Department of Orthopaedic Surgery
Duke University Medical Center
Box 2809
Durham, NC 27710
Email: Robert.lark@duke.edu

Gary M. Lourie, M.D.
Clinical Assistant Professor Orthopaedic Surgery
Emory School of Medicine
Private Practice Hand Surgeon
Hand and Upper Extremity Center of Georgia
980 Johnson Ferry Road, NE
Suite 1020
Atlanta, GA 30342
Email: gmlhlc@aol.com

Robert S. Mathews, M.D.
Orthopaedic Surgeon – private practice
P.O. Box 7171
Lancaster, PA 17604
Email: rsmathewsmid@yahoo.com

Angus M. McBryde, Jr., M.D., FACS
Director Ankle and Foot Fellowship
Alabama Sports Medicine and Orthopaedic Clinic
806 St. Vincent's Drive
Women's Center, Suite 415
Birmingham, AL 35205
Email: mcbrydea@aol.com

Gregory A. Mencio, M.D.
Professor of Orthopaedics and Rehabilitation
Chief Pediatric Orthopaedics
Vanderbilt Children's Hospital
2200 Children's Way, Suite 4202
Nashville, TN 37232-9565
Email: Gregory.mencio@vanderbilt.edu

Raymond Rocco Monto, M.D.
Orthopaedic Surgeon - private practice
Monto Orthopaedics
12 Cournoyer Road
West Tisbury, MA 02575
Email: drmonto@hotmail.com

Richard S. Moore, Jr., M.D.
Orthopaedic Surgeon – private practice
Hand, Upper Extremity & Microvascular Surgery
Wilmington Orthopedic Group
2716 Ashton Drive
Wilmington, NC 28412
Email: MooreRS@wilmortho.com

Claude T. Moorman, III, M.D.
Associate Professor Department of Orthopaedic Surgery
Director of Sports Medicine
Duke University Medical Center
Box 3639
Durham, NC 27710
Email: moorm001@mc.duke.edu

Michael J. Morris, M.D.
Orthopaedic Surgeon – private practice
Joint Implant Surgeons, Inc.
7277 Smith's Mill Road, Suite 200
New Albany, OH 43054
Email: michaelfmorrismd@yahoo.com

Richard J. Nasca, M.D.
Orthopaedic Surgeon – retired
1912 Verrazzano Drive
Wilmington, NC 28405
Email: rjnasca@aol.com

James A. Nunley, II, M.D.
Professor and Chief
Department of Orthopaedic Surgery
Duke University Medical Center
Box 2923
Durham, NC 27710
Email: nunle001@mc.duke.edu

Matthew D. Olin, M.D.
Orthopaedic Surgeon – private practice
Greensboro Orthopaedics
3200 NorthLime Avenue
Suite 160
Greensboro, NC 27408
Email: molimmd@yahoo.com

William J. Richardson, M.D.
Professor, Department of Orthopaedic Surgery
Associate Chief Medical Officer, Duke University Hospital
Director, Orthopaedic Spine Surgery
Duke University Medical Center
Box 3077
Durham, NC 27710
Email: richa015@mc.duke.edu

Marco Rizzo, M.D.
Associate Professor of Orthopedics
Mayo Clinic
200 First Street SW
Rochester, MN 55905
Email: rizzo001@yahoo.com

Thomas F. Roush, M.D.
Orthopaedic Surgeon - private practice
Palm Beach Garden Medical Center
3618 Lantana Road Suite 202
Lake Worth, FL 33401
561-801-0782
Email: tom.roush@lycos.com

David S. Ruch, M.D.
Professor and Vice Chairman, Department of Orthopaedic Surgery
Director, Hand, Upper Extremity, and Microvascular Surgery Fellowship
Duke University Medical Center
Box 5332
Durham, NC 27710
Email: d.ruch@duke.edu

Vani J. Sabesan, M.D.
Assistant Professor of Orthopaedics
Michigan State University
Kalamazoo Center for Medical Studies
1000 Oakland Drive
Kalamazoo, MI 49008
Email: Sabes001@gmail.com

Sigurd C. Sandzen, M.D.
Orthopaedic Surgeon – private practice
1227 River Reach Drive
Vero Beach, FL 32967
Email: psandzen@comcast.net

Jordan F. Schaeffer, M.D.
William S. Ogden, Jr. Piedmont Traveling Fellowship recipient
Duke University Medical Center
Box 3000
Durham, NC 27710
Email: Jordan.schaeffer@duke.edu

John W. Shaffer, M.D.
Professor of Orthopaedic Surgery
Case Western Reserve University
University Hospitals of Cleveland
11100 Euclid Avenue
Cleveland, OH 44106
Email: shaffer46@msn.com

Mark B. Silbey, M.D.
Director of Sports Medicine
Dartmouth-Hitchcock/Keene Clinic
590 Court Street
Keene, NH 03431
Email: marksilbey@earthlink.net

David H. Sohn, M.D.
Assistant Professor Orthopaedic Surgery
University of Toledo Medical School
Department of Orthopaedic Surgery/Sports Medicine
3000 Arlington Avenue
Toledo, OH 43614
Email: david_h_sohn@yahoo.com

Dean G. Soteranos, M.D.
Professor, Orthopaedic Surgery, Drexel University College of Medicine
Vice Chairman, Orthopaedic Network Development, Department of
Orthopaedic Surgery

Allegheny General Hospital, Federation North Building
1307 Federal Street, 2nd Floor
Pittsburgh, PA 15212-4705
Email: dsoterera@hotmail.com

Charles V. Taft, M.D.
Orthopaedic Surgeon – private practice
Orthopaedic Specialists of the Carolinas
170 Kimel Park Drive
Winston-Salem, NC 27114
Email: cvtaft@aol.com

Dean C. Taylor, M.D.
Professor, Department of Orthopaedic Surgery
Director, Sports Medicine and Shoulder Surgery Fellowship
Duke University Medical Center
Box 3615
Durham, NC 27710
Email: dean.taylor@duke.edu

David C. Urrquia, M.D.
Orthopaedic Surgeon – private practice
Augusta Orthopaedic Associates
11 Caldwell Road
Augusta, ME 04330
Email: saildocme@aol.com

Terry L. Whipple, M.D.
Chief of Orthopaedics, American Self, PLC
Director, Orthopaedic Research of Virginia
9900 Independence Park Drive
Richmond, VA 23233
Email: whipple@americanself.com

Kenneth E. Wood, M.D.
Orthopaedic Surgeon – private practice
Lake Norman Spine Center
170 Medical Park Road, Suite 102
Moorestville, NC 28117
Email: kwood0306@hotmail.com

Walter H. Wray, III, M.D.
Ralph Coonrad Mission Traveling Endowment recipient
Duke University Medical Center
Box 3000
Durham, NC 27710
Email: walter.wray@duke.edu

SCIENTIFIC AGENDA

THURSDAY, MAY 12th, 2011

7:00 - 7:45 a.m. Executive Committee Meeting
Sapelo Room

7:00 - 7:45 Breakfast for members
Cloister II

7:45 - 8:00 Welcome, Announcements
Langdon A. Hartsock, M.D.
Thomas C. Spangler, M.D.
Cloister II

SESSION I - THE HAND

Moderator - Donald K. Bynum, M.D.

8:00 - 8:10 Reoperations Following Non-Constrained
PIP Arthroplasty
Marco Rizzo, M.D.

8:10 - 8:20 Palmar and Dorsal Cross Finger Pedicles
Sigurd C. Sandzen, M.D.

8:20 - 8:30 EPL Ruptures in Distal Radius Fractures: A
Clinical and Cadaveric Study with a New
Therapeutic Intervention
Gary M. Lourie, M.D.

8:30 - 8:40 Management of Post Traumatic Contractures of
the Wrist
David S. Ruch, M.D.

8:40 - 8:50 Discussion

SCIENTIFIC AGENDA

THURSDAY, MAY 12th, 2011

(continued)

SESSION II - THE UPPER EXTREMITY

Moderator - Diane M. Allen, M.D.

8:50 - 9:00 a.m. Reconstruction of the Traumatized Elbow

In Adults

J. Mack Aldridge, III, M.D.

9:00 - 9:10

The Role of the Ulnar Nerve in Elbow Contracture

Release: To Transpose or Not

Dean G. Sotereanos, M.D.

9:10 - 9:20

Intramedullary Fixation Versus Volar Plates in Distal

Radius Fractures - Comparative Outcomes

Terry L. Whipple, M.D.

9:20 - 9:30

Tennis Elbow Repair: To Anchor or Not To Anchor?

Raymond Rocco Monto, M.D.

9:30 - 9:40

Discussion

9:40 - 10:10

Break

SESSION III - RESIDENT PAPERS

Moderator - Shawn B. Hocker, M.D.

10:10 - 10:12

Introduction of the John M. Harrelson

Chief Resident Teaching Award recipient

by William T. Hardaker, Jr., M.D.

10:12 - 10:22

Long Term Outcomes of FVFG for Pre-degenerative

Osteonecrosis of the Femoral Head

William C. Eward, M.D., D.V.M.

10:22 - 10:24

Introduction of the William S. Ogden, Jr.,

Piedmont Traveling Fellowship recipient

by William T. Hardaker, Jr., M.D.

SCIENTIFIC AGENDA

THURSDAY, MAY 12th, 2011

(continued)

10:24 - 10:34 a.m. Proximal Tibiofibular Instability: Case Report and

Topic Review

Jordan F. Schaeffer, M.D.

10:34 - 10:36

Introduction of the Ralph Coonrad Mission

Traveling Endowment recipient

by William T. Hardaker, Jr., M.D.

10:36 - 10:46

Corrective Osteotomies for Malunions of the Palmar

Lunate Facet of the Distal Radius

Walter H. Wray, III, M.D.

10:46 - 10:56

Discussion

10:56 - 11:25

Piedmont Pitcher

Michael P. Bolognesi, M.D.

11:25 - 12:00

First Business Meeting

Piedmont Orthopedic Society

Minutes 2010 (review) James R. Urbaniak, M.D.

Agenda 2011

Obituaries

Presiding: Langdon A. Hartscock, M.D.

Thomas C. Spangler, M.D.

Piedmont Orthopedic Foundation - report

Gary M. Lourie, M.D., President

Charles V. Taft, M.D., Treasurer

1:00 - 5:00 p.m.

Orthopedic Seminars

(These discussions relate to individual

orthopedic problems brought to the meeting

by attendees. Each member is encouraged to

select one or more experts from the group

for individual discussion of the problem.)

SCIENTIFIC AGENDA

FRIDAY, MAY 13th, 2011

7:00 - 7:45 a.m. Executive Committee Meeting
Sapelo Room

7:00 - 7:45 Breakfast for members
Cloister II

7:45 - 8:00 Announcements
Langdon A. Hartssock, M.D.
Thomas C. Spangler, M.D.
Cloister II

SESSION IV - THE SPINE

Moderator - Jonathan R. Kurtis, M.D.

8:00 - 8:10 Retrospective Analysis of L5-S1 Interbody Fusions
With and Without the Use of Bone Morphogenetic
Protein (rhBMP-2)
Richard J. Nasca, M.D.

8:10 - 8:20 Effect of Implantation Type on Instrumentation
Fracture Rate in Adult Spinal Deformity Surgery
Lloyd A. Hey, M.D.

8:20 - 8:30 Navigated Placement of Iliac Bolts: Description of
a New Technique
Kenneth E. Wood, M.D.

8:30 - 8:40 Iliolumbar Fixation in Spinal Surgery: A
Biomechanical Analysis of Intra-iliac and
SIA1 Screws
Gregory A. Mencia, M.D.

8:40 - 8:50 Discussion

SCIENTIFIC AGENDA

FRIDAY, MAY 13th, 2011

(continued)

SESSION V - THE HIP

Moderator - Jason E. Lane, M.D.

8:50 - 9:00 a.m. The Revision Femur in THA
Michael E. Berend, M.D.

9:00 - 9:10 Acetabular Surgery for the Community Surgeon
Richard S. Moore, Jr., M.D.

9:10 - 9:20 Early to Mid Term Follow Up of all ASR
Acetabular Components at Duke University: THA
and Hip Resurfacing
Michael P. Bolognesi, M.D.

9:20 - 9:30 In-dwelling Intra-articular Pain Pumps in Total
Hip Arthroplasty (Bye Bye Blocks)
Paul R. Greenlaw, M.D.

9:30 - 9:40 Discussion

9:40 - 10:10 Break

SESSION VI - THE KNEE, ANKLE, AND SHOULDER

Moderator - Thomas F. Roush, M.D.

10:10 - 10:20 Synthetic Mesh Reconstruction for Patellar Tendon
Disruption in Total Knee Arthroplasty
James A. Browne, M.D.

SCIENTIFIC AGENDA

FRIDAY, MAY 13th, 2011

(continued)

10:20 - 10:30 a.m. Morbidity and Mortality of Unicompartamental

Knee Arthroplasty

Michael J. Morris, M.D.

10:30 - 10:40

Correlation of Hamstring ACL Graft Diameter and Patient Age With Subsequent Graft Rupture: Size Matters!

Dean C. Taylor, M.D.

10:40 - 10:50

Mechanical Testing of a Novel ACL Reconstruction Technique with Aperture Fixation and Circumferential Ingrowth

Joseph J. Calandra, M.D.

10:50 - 11:00

Discussion

11:00 - 11:10

Total Ankles

James K. DeOrio, M.D.

11:10 - 11:12

Introduction of the Ralph Coonrad Mission Traveling Endowment recipient by William T. Hardaker, Jr., M.D.

11:12 - 11:22

Extracellular Tissue Matrix Use in the Management of Massive Rotator Cuff Tears: Histological and Clinical Outcomes

Anil K. Gupta, M.D.

11:22 - 11:32

Report of the Piedmont Scientific Committee: Piedmont Surveys

1. Professionalism in Orthopaedic/ER Medicine

2. Advanced Radiology in ER for Traumatic and

Non-Traumatic Orthopaedic Conditions

David C. Urquía, M.D.

SCIENTIFIC AGENDA

FRIDAY, MAY 13th, 2011

(continued)

11:32 - 11:42 a.m. Discussion

11:42 - 12:00

Second Business Meeting
Piedmont Orthopaedic Society

1:00 - 5:00

Orthopaedic Seminars

(These discussions relate to individual orthopaedic problems brought to the meeting by attendees. Each member is encouraged to select one or more experts from the group for individual discussion of the problem.)

SCIENTIFIC AGENDA

SATURDAY, MAY 14th, 2011

7:00 - 7:45 a.m. Breakfast for members

Cloister II

7:45 - 8:00

Announcements

Langdon A. Hartsock, M.D.

Thomas C. Spangler, M.D.

Cloister II

SESSION VII - THE SHOULDER

Moderator - Christopher J. Barnes, M.D.

8:00 - 8:10

3D Simulation Software to Help Assess and Improve Treatment for Severe Glenoid Pathology With Total Shoulder Arthroplasty

Vani J. Sabesan, M.D.

8:10 - 8:20

Rationale for Continued Minimally Invasive Shoulder Surgery for Impingement Syndrome With AC Arthritis, Biceps Tendinitis, and Rotator Cuff Tear

John W. Shaffer, M.D.

8:20 - 8:30

Outcomes of Infected Revision Shoulder Arthroplasty

Vani J. Sabesan, M.D.

8:30 - 8:40

Cell Viability in Rotator Cuff Tears

Claude T. Moorman, III, M.D.

8:40 - 8:50

Discussion

SESSION VIII - PEDIATRIC ORTHOPAEDICS

Moderator - Mark B. Silbey, M.D.

8:50 - 9:00

Adding Thoracic Fusion Levels in Lenke 5 Curves: Risks and Benefits

Robert K. Lark, M.D.

SCIENTIFIC AGENDA

SATURDAY, MAY 14th, 2011

(continued)

9:00 - 9:10 a.m.

Congenital Pseudoarthrosis of the Tibia

Robert D. Fitch, M.D.

9:10 - 9:20

Discussion

SESSION IX - HEALTH REFORM AND HEALTH CARE

Moderator - Andrew S. Holmes, M.D.

9:20 - 9:30

Health Reform

Robert S. Mathews, M.D.

9:30 - 9:40

Health Policy

David H. Sohn, M.D.

9:40 - 9:50

Discussion

9:50 - 10:20

Break (Guests enter for Honored Guest talk)

SESSION X - CONCLUSION

Moderator - Matthew D. Olin, M.D.

10:20 - 10:30

Haiti Experience

Panel: Langdon A. Hartsock, M.D.

Thomas C. Spangler, M.D.

Robert D. Fitch, M.D.

10:30 - 10:40

Duke Hand Club Hawaii Meeting Overview

Richard S. Moore, Jr., M.D.

J. Mack Aldridge, III, M.D.

10:40 - 10:55

Egypt and Crisis - We Were There With Our Children

William C. Andrews, Jr., M.D.

Richard S. Moore, Jr., M.D.

SCIENTIFIC AGENDA

SATURDAY, MAY 14th, 2011

(continued)

10:55 - 11:05 a.m.

Presentation of Honored Guest
Stephen N. Lang, M.D.
by Angus M. McBryde, Jr., M.D.

11:05 - 11:25

Thinking About Change
Stephen N. Lang, M.D.

11:25 - 11:30

60th Annual Piedmont Orthopedic Society
Meeting - Ocean Reef Club, Key Largo, FL
May 9-13, 2012
Robert L. Friedman, M.D.
Michael E. Berend, M.D.

Duke Orthopaedics - 2011

11:30 - 11:40

Presentation of New Piedmont Members
William T. Hardaker, Jr., M.D.

11:40 - 12:00

Orthopaedic Education at Duke
James A. Nunley, M.D.

1:00 - 5:00

Orthopedic Seminars
(These discussions relate to individual
orthopedic problems brought to the meeting
by attendees. Each member is encouraged to
select one or more experts from the group
for individual discussion of the problem)

SOCIAL AGENDA

Sign up is necessary for activities marked by an (). If you have not signed up prior to your arrival at The Cloister and wish to do so, please check with the meeting hosts at the Registration or Welcome Reception.

WEDNESDAY, MAY 11th, 2011

1:00 - 5:00 p.m.

REGISTRATION
Spanish Lounge

6:00 - 8:00 p.m.

WELCOME RECEPTION
Black Banks Terrace

DINNER
(on your own, reservations suggested)

THURSDAY, MAY 12th, 2011

8:00 - 10:00 a.m.

WELCOME CONTINENTAL
BREAKFAST *

All are invited to join
Charlotte and Laura for breakfast
Cumberland Room
(children welcome)

10:00 - 12 noon

LADIES' TENNIS*
Old Function Room

Tee Times starting at
1:20 p.m.

JACK & JILL GOLF*
Retreat Course

2:00 - 5:00 p.m.

MIXED DOUBLES TENNIS
TOURNAMENT*
Old Function Room

7:00 - 8:00 p.m.

RECEPTION
Ocean Room & Courtyard, Beach Club
(children welcome; casual dress)
Marshgrass Band

8:00 - 10:00 p.m.

DINNER BUFFETT
Ocean Room & Courtyard, Beach Club

SOCIAL AGENDA

FRIDAY, MAY 13th, 2011

8:00 - 10:00 a.m.

CONTINENTAL BREAKFAST *
All are invited to join
Charlotte and Laura for breakfast
Cumberland Room
(children welcome)

10:00 - 12:00 a.m.

LADIES' TENNIS*
Old Function Room

Tee Times starting at
10:10 a.m.

LADIES' GOLF*
Seaside Course

Tee Times starting at
1:10 p.m.

MEN'S GOLF TOURNAMENT*
PIEDMONT CUP
Seaside Course

2:00 - 5:00 p.m.

MEN'S TENNIS*
Old Function Room

7:00 - 8:00 p.m.

RECEPTION
Cloister Patio
DINNER
(on your own, reservations suggested)

SOCIAL AGENDA

SATURDAY, MAY 14th, 2011

9:00 - 11:00 a.m.

LADIES' TENNIS TOURNAMENT*
Old Function Room

10:10 - 10:20 a.m.

Guests Enter for Honored Guest Talk
Cloister II

10:55 a.m.

Presentation of Guest of Honor
Stephen N. Lang, M.D.
by Angus M. McBryde, Jr., M.D.

Tee Times starting at
1:10 p.m.

MEN'S AND LADIES' GOLF*
Plantation Course

2:00 - 5:00 p.m.

MEN'S TENNIS*
Old Function Room

7:00 - 11:30 p.m.

CHILDREN'S DINNER AND
ENTERTAINMENT*
registration required,
\$50 (6:00-10:00), \$10/hour per
child for additional hours
child must be potty trained

7:00 p.m.

GROUP PHOTOGRAPH
Cloister Foyer III & Cloister III

7:00 - 8:00 p.m.

RECEPTION
Cloister I & II

SOCIAL AGENDA

SATURDAY, MAY 14th, 2011

(continued)

8:00 - 12 midnight

DINNER, AWARDS, AND
DANCING*
(Black Tie optional)
Music by "The Fabulous Classics"
Awards:
Piedmont Pitcher
Kelley Award-Visual
Chairman's Award-Audiovisual
Loving Cup
Tennis and Golf (Piedmont Cup)
Cloister I & II

PIEDMONT ORTHOPEDIC SOCIETY MEMBERS & GUESTS

ATTENDING

Mack and Elizabeth Aldridge	Milton and Jill Lambert
Diane Allen and Chad Hughes	Jason Lang and Cheryl Sarmiento
Billy and Peggy Andrews	Steve and Ginny Lang
James and Carol Aplington	Robert and Amy Lark
Mac and Phyllis Barbour	Ralph and Marie Liebelt
Glen and Em Barden	Gary Lourie
Christopher and Mandy Barnes	Robert Mathews and Maryanne Nitel
Mike and Julie Berend	Dan and Catherine McBrayer
Mike and Kelly Bolognesi	Angus and Kay McBryde
James and Amy Browne	Greg and Madelyn Mencio
Don and Paige Bynum	Rocco and Jennifer Monto
Joe and Michelle Calandra	Dick and Beth Moore
David Cannon	"T" and Lynne Moorman
Charles Classen	Mike and Alexandra Morris
Flip and Sue Clifford	Greg and Mary Mac Motley
James DeOrio	Bobby and Lisa Murrah
Ollie and Karen Edmunds	Dick and Carol Nasca
Will and Cindy Eward	Charles and Carolyn Niemeyer
Don and Sharon Ferlic	James and Elise Nunley
Robert and Jan Fitch	Jean and Jerry Oakes
Bob Friedman	William and Lou Ogdan
William and Janice Garrett	James and Lindy O'Leary
Richard and Carrick Goldner	Matt and Rhina Olin
Paul and Heather Greenlaw	Lois and Larry Osier
Anil and Anjali Gupta	Jonathan and Brett Perryman
William Hardaker	Steve and Manda Poletti
Langdon and Charlotte Hartsock	William Rhangos
Lloyd Hey	William and Angela Richardson
Barry and Joan Heywood	Marco Rizzo
Shawn and Coo Hocker	Todd and Bonnie Rose
Andy and Alison Holmes	Tom Roush
James and Sherry Holzclaw	David and Susan Ruch
Tyson and Peggy Jennette	Guy and Lulie Rutledge
Spero and Johanna Karas	Vani Sabesan
John and Jill Kirkpatrick	
Jonathan and Suzanne Kurtis	

**PIEDMONT ORTHOPEDIC SOCIETY
MEMBERS & GUESTS**

**ATTENDING
(continued)**

- Sigurd and Pam Sandzen
- Jordan and Kathy Schaeffer
- John and Deborah Shaffer
- Mark Silbey and Wendy Kaplan
- Ryan Simovitch
- Jonathan and Courtney Snyder
- David Sohn
- Dean Sotereanos
- Tom and Laura Spangler
- Paul and Leigh Spiegl
- Charles and Lamar Taft
- Dean and Ann Taylor
- Chris and Wendy Urban
- James and Muff Urbaniak
- David and Dody Urquia
- Sam and Danielle Wellman
- Terry Whipple
- Ken and Rhonda Wood
- Walter and Leigh Ann Wray
- Mark and Kappie Yates

PIEDMONT ORTHOPEDIC SOCIETY

PRIOR GUESTS OF HONOR

- William M. Roberts, M.D. 1965
- Lenox D. Baker, M.D. 1960, 1976
- J. Leonard Goldner, M.D. 1978, 1989
- Everett I. Bugg, Jr., M.D. 1981
- Frank H. Stelling, III, M.D. 1987
- George R. Miller, M.D. 1988
- Leslie C. Meyer, M.D. 1990
- Jack C. Hughston, M.D. 1991
- Don L. Eyler, M.D. 1992
- John Glasson, M.D. 1993
- Frank W. Clippinger, Jr., M.D. 1994
- Ralph W. Coonrad, M.D. 1995
- Frank H. Bassett, III, M.D. 1996
- Donald E. McCollum, M.D. 1997
- Otto K. Stewart, M.D. and Glen P. Musselman, M.D. ... 1998
- John M. Harrelson, M.D. 1999
- Eugene E. Bleck, M.D. 2000
- William S. Ogden, M.D. and Betty Blalock 2001
- J. Leonard Goldner, M.D. and Ken Goldner 2002
- James R. Urbaniak, M.D. and Muff Urbaniak 2003
- James Aplington, M.D. and Anthony Seaber 2004
- Glen A. Barden, M.D. 2005
- Donald C. Ferlic, M.D. 2006
- Penny B. Howard 2007
- H. Barrett Heywood, III, M.D. 2008
- A. Tyson Jennette, M.D. 2009
- Milton B. Lambert, M.D. 2010



Guest of Honor

Stephen N. Lang, M.D.

Steve Lang was born in Kankakee, Illinois on February 14, 1941. He earned his undergraduate degree at the University of Illinois in Champaign and his medical degree at the University of Illinois in Chicago where he was the President of his senior medical school class. Following an internship at Cook County Hospital in Chicago, he came to Duke for an Orthopaedic Residency which he completed in 1971. After a year of private practice with his uncle Morris Lang (Duke Orthopaedic Resident 1942), he returned to Durham to join Dr. Glasson and Dr. Kapoor in a practice which eventually developed into Triangle Orthopaedic Associates.

In 1986 Dr. Lang was recruited to the Duke Orthopaedic Faculty to establish a practice focused on outpatient clinical services. During his twenty-one years as Assistant Professor at Duke he was recognized as a consummate physician. He was honored by his peers at Duke by being the recipient of the Leonard Tow Humanism in Medicine Award in 2005 for compassion and sensitivity in the delivery of health care. Steve has served as an excellent role model for residents by being an interested listener who tailored treatment to each patient's individual concerns and needs.

Steve retired from Duke in 2007 and joined the Department of Orthopaedics at the University of North Carolina as Associate Professor of Orthopaedic Surgery. At this institution he worked in an "Orthopaedic Prompt Care Clinic" for two years. He rejoined Triangle Orthopaedic

Associates in Durham in 2009 where he continues to practice. He served as President of the Durham-Orange County Medical Society and the North Carolina Orthopaedic Association which presented him with the "Honored Surgeon Award" in 2010. He currently serves as one of the two North Carolina members of the AAOS Board of Councilors. He has held numerous leadership and committee positions in the NCMS, NCOA, and EOA.

As loyal members of the Piedmont Orthopedic Society, Steve and Ginny have attended almost all of the meetings over the past forty years. They are the proud parents of three children, Libby a school teacher at Durham Academy, Jason an orthopaedic surgery faculty member at Wake Forest Medical Center, and Adam a businessman in Shanghai, China. They have four grandchildren.

PAST CHAIRMEN

<u>PAST CHAIRMEN</u>	<u>LOCATION AND DATE</u>
J. Leonard Goldner	Durham, NC-1953
Don L. Eyley	Nashville, TN-1954
Cabell Young	Winston-Salem, NC-1955
Jack C. Hughston	Sea Island, GA-1956
Robert Knight	Memphis, TN-1957
Walter A. Hoyt, Jr.	Sea Island, GA-1958
James Funk	Ponte Vedra, FL-1959
Kearns R. Thompson	Sea Island, GA-1960
F. Wayne Lee	Hot Springs, VA-1961
James Brandon	Palm Beach, FL-1962
Howard J. Schaubel	Sea Island, GA-1963
Leslie C. Meyer	Point Clear, AL-1964
George R. Miller	Sea Island, GA-1965
John Powers	Dorado Beach, P.R.-1966
Gary Hough, III	Sea Island, GA-1967
John Glasson	Point Clear, AL-1968
Ritche H. Belser	Sea Island, GA-1969
E. E. Bleck	Carmel, CA-1970
Ralph W. Coonrad	Sea Island, GA-1971
George L. Ford	Doral, FL-1972
Paul C. Thompson	Sea Island, GA-1973
John M. Roberts	Ponte Vedra-1974
Frank C. McMains and	Sea Island, GA-1975
John H. Ditworth	
Howard P. Aidem and	
C. Robert Lincoln	Camel Back, AZ-1976
Edward S. Whitesides and	
Peter J. Kyne	Sea Island, GA-1977
Richard N. Wrenn	Hamilton, Bermuda-1978
William T. Davison and	
John Campbell	Sea Island, GA-1979
Frank Clippinger and	
Basil Boyd	Boca Raton, FL-1980
Glen Musselman and	
Otto Stewart	Sea Island, GA-1981
Donald Ferlic and	
Michael O'Neil	Colorado Springs, CO-1982
Thomas German and	
Barrett Heywood	Sea Island, GA-1983
Donald E. McCollum and	
Frank Bassett, III	Kiawah Island, SC-1984
Milton B. Lambert and	
Peter J. Fowler	Sea Island, GA-1985
William Rhanovs and	
Ronald Pruitt	Palm Beach, FL-1986
James R. Urbanik and	
John Dobson	Long Boat Key, FL-1987

PAST CHAIRMEN

<u>PAST CHAIRMEN</u>	<u>LOCATION AND DATE</u>
James R. Urbanik and	Long Boat Key, FL-1987
John Dobson	Pebble Beach, CA-1988
Richard Nasca and	
Glendall King	Sea Island, GA-1989
Wayne Venters and	
Glen Barden	Point Clear, AL-1990
Angus McBryde and	
William Ogden	Sea Island, GA-1991
Lamar Fleming and	
Mark Pohlman	Greenbrier, WV-1992
Jim Pressly and	
Jim Aplington	Sea Island, GA-1993
Jim Boatright and	
Jay Hopkins	St. John, Virgin Islands-1994
Rob Stein and	
Ken Wood	Sea Island, GA-1995
Dick Hooper and	
Frank Gray	Sea Island, GA-1995
Dick Straley and	
Bill Moorfield	Tucson, AZ-1996
James Nunley and	
L. Andrew Koman	Sea Island, GA-1997
Tom Loeb and	
William Goodman	Key Largo, FL-1998
John Shaffer and	
Charles Taft	Sea Island, GA-1999
Robert S. Adelaar and	
Garron G. Welker	Amelia Island, FL-2000
William T. Hardaker and	
J. Ollie Edmunds	Sea Island, GA-2001
Donald K. Bynum and	
Mark S. Festerstein	Durham, NC/Bermuda-2002
Robert D. Fitch and	
Todd B. Orvald	Sea Island, GA-2003
Stephen N. Lang and	
William N. Wessinger	Savannah, GA-2004
David P. Hughes and	
John D. Lucey	Sea Island, GA-2005
Mark C. Yates and	
David C. Urquia	Naples, FL-2006
Thomas P. Vail and	
James F. Holtzclaw	Sea Island, GA-2007
Guy L. Rutledge and	
Erich W. Wouters	Aventura, FL-2008
Gregory A. Mencia and	
William C. Andrews, Jr.	Sea Island, GA-2009
John S. Kirkpatrick and	
William J. Richardson	White Sulphur Springs, WV-2010

FUTURE MEETINGS

2012

May 9 - 13

Ocean Reef Club

Key Largo, Florida

Robert L. Friedman, M.D.

Michael E. Berend, M.D.

2013

May 1 - 5

The Cloister

Sea Island, Georgia

Angelo J. Colosimo, M.D.

Robert L. Murrah, Jr., M.D.