

VIRGINIA ORTHOPAEDIC SOCIETY



61st Annual Meeting



**Wintergreen Resort
Wintergreen, VA**

May 2-4, 2008

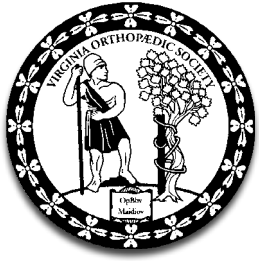
Sponsored by the University of Virginia, Office of CME and the Virginia Orthopaedic Society

PLAN NOW TO ATTEND!

Virginia Orthopaedic Society

2209 Dickens Road • Richmond, VA 23230-2005 • (804) 282-0063 • Fax: (804) 282-0090

Email: vos@societyhq.com • www.vos.org



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WELCOME

Dear Colleague,

Welcome to Wintergreen!

VOS President Wilford Gibson, Program Co-Chair Mark Willis, and I are pleased to welcome you to the 61st Annual Meeting of the Virginia Orthopaedic Society. We have a terrific program with faculty from across Virginia, as well as two outstanding Keynote Speakers — Dr. Joseph Iannotti and Dr. Thomas Thornhill. In addition to the didactic sessions, the abstract presentations will showcase current orthopaedic research performed throughout the state.

Guests and families have numerous amenities and activities available to them during their stay at Wintergreen, and they are most certainly welcome at our kickoff cookout Friday night and our dinner on Saturday. During the day, they may elect to take advantage of spa services, winery tours, or any number of outdoor offerings here at the resort. Open time Saturday afternoon further offers attendees the opportunity to explore the area, perhaps hiking, fly-fishing, or playing golf. An optional daytime program for children and evening childcare services are available as well.

I look forward to a productive, educational and enjoyable meeting and weekend at this wonderful location.

N. Douglas Boardman, III, MD
Chair, 2008 Annual Meeting

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas in accordance of the Accreditation Council for Continuing Medical Education to provide joint sponsorship of the University of Virginia School of Medicine and Virginia Orthopaedic Society.

The University of Virginia School of Medicine CME Program designates this educational activity for a maximum of **12 AMA PRA Category 1 Credit(s)[™]**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The University of Virginia School of Medicine awards 0.1 CEU per contact hour to each non-physician participant who successfully completes this educational activity. The CEU (Continuing Education Unit) is a nationally recognized unit of measure for continuing education and training activities that meet specific educational planning requirements. The University of Virginia School of Medicine maintains a permanent record of participants who have been awarded CEUs.

Program Objectives

Participants in this educational activity should be able to:

Shoulder and Elbow:

1. Understand the new advances in treatment of arthritis in the shoulder, including the application of new technologies;
2. Review the approach of arthritis of the elbow;
3. Recognize the impact of complications regarding shoulder trauma; and
4. Prioritize the various approaches to the management of throwing injuries in the pediatric elbow.

Adult Reconstruction:

1. Understand the latest advances in the management of hip and knee arthritis in the young patient; and
2. Explain advances in hip and knee arthroplasty, both primary and revision, including the application of new technologies.

Trauma:

1. Recognize the impact of proximal femur fractures;
2. Review the latest advances in the management of complex tibia fractures; and
3. Discuss practical types of midfoot injuries.

Scientific Abstracts

1. The participants in this educational activity should be able to discuss and evaluate basic science and clinical research in Orthopaedics being done throughout Virginia.

PLEASE NOTE

If you do not receive a confirmation letter from the VOS office within 30 days of submitting your completed registration form and payment information, please call the VOS office at (804) 565-6325 to confirm that your registration material has been received.

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FACULTY

N. Douglas Boardman, III, MD
VCU Health Systems/MCV Physicians
Richmond, VA

Thomas E. Brown, MD
University of Virginia
Charlottesville, VA

Matthew A. Dobzyniak, MD
Tuckahoe Orthopaedic Associates
Richmond, VA

David M. Kahler, MD
University of Virginia
Charlottesville, VA

Victoria G. Kuester, MD
VCU Health Systems/MCV Physicians
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Joseph P. Iannotti, MD, PhD
Cleveland Clinic Foundation
Cleveland, OH

Joseph T. Moskal, MD
Roanoke Orthopaedic Center
Roanoke, VA

Varatharaj Mounasamy, MD
VCU Health Systems/MCV Physicians
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Portsmouth, VA

Patrick St. Pierre, MD
Nirschl Orthopaedic Center for
Sports Medicine and Joint Reconstruction
Arlington, VA

Thomas Thornhill, MD
Harvard Medical School
Boston, MA

Mark C. Willis, Jr., MD
VCU Health Systems/MCV Physicians
Richmond, VA

FRIDAY - MAY 2, 2008

3:00 pm - 5:00 pm	Registration
5:00 pm - 6:30 pm	Opening Reception Poster Session with Exhibitors
6:30 pm	Barbecue Cookout - Families encouraged to attend

SATURDAY - MAY 3, 2008

6:00 am	Continental Breakfast and Registration
6:45 am	Introduction / Welcome Wilford K. Gibson, MD - <i>VOS President</i> N. Douglas Boardman, III, MD; Mark C. Willis, Jr., MD - <i>Program Directors</i>

Shoulder and Elbow Section

Moderator: N. Douglas Boardman, III, MD

7:00 am - 7:45 am	Management of Shoulder Arthritis in the Young PT Joseph P. Iannotti, MD, PhD
7:45 am - 8:00 am	Questions
8:00 am - 8:20 am	Arthroscopic Management of Osteoarthritis of the Elbow N. Douglas Boardman, III, MD
8:20 am - 8:40 am	Use of the Blade Plate for Proximal Humeral Reconstruction David M. Kahler, MD
8:40 am - 9:00 am	Injuries in the Pediatric Throwing Elbow Victoria G. Kuester, MD
9:00 am - 9:20 am	"How-to Video" Arthroscopic Suprascapular Nerve Release Patrick St. Pierre, MD
9:20 am - 9:45 am	Questions
9:45 am - 10:30 am	Cases/Panel Discussion
10:30 am - 11:00 am	Break / Exhibitors / Posters

Abstract Presentations

11:00 am - 11:15 am	Quadriceps Inhibition and Clinical Results after Revision Anterior Cruciate Ligament Reconstruction
11:15 am - 11:30 am	Rotator Cuff Repair: A Comparison of Two Single Row and Two Double Row Repair Techniques During Cyclical Loading and Load to Failure
11:30 am - 11:45 am	Clinical and Functional Outcomes Following Arthroscopic Rotator Cuff Repair Using a Knotless Suture Anchor Fixation System
11:45 am - 12:00 n	A Biomechanical Evaluation of Two Fixation Techniques for Proximal Biceps Tenodesis
12:00 n - 12:15 pm	Biomechanical Evaluation of Pre-Contoured Plates in Distal Humeral Fracture Fixation: A Comparison of Methods in Varus Torsion
12:15 pm - 12:30 pm	Questions

SATURDAY - MAY 3, 2008

12:30 pm - 1:15 pm	Computer Modeling in Shoulder Arthroplasty Joseph P. Iannotti, MD, PhD
1:15 pm - 1:30 pm	Questions
1:30 pm - 2:30 pm	Business Meeting - Boxed Lunch
2:30 pm	Things to do at Wintergreen - Golf, Horseback Riding, Hiking, etc.
7:00 pm - 7:45 pm	Reception & Poster Session
7:45 pm	Dinner - Wintergreen Resort

SUNDAY - MAY 4, 2008

6:15 am **Breakfast and Registration**

Adult Reconstruction Section

Moderator: Thomas E. Brown, MD

7:00 am - 7:45 am	Osteonecrosis of Femoral Head: Where Are We Now? Thomas Thornhill, MD
7:45 am - 8:00 am	Treatment of Arthritis of the Hip in the Young Patient Matthew A. Dobzyniak, MD
8:00 am - 8:15 am	Computer Assisted THA Joseph T. Moskal, MD
8:15 am - 8:30 am	Mobile Bearings and Cementless Fixation in TKA Revision Thomas E. Brown, MD
8:30 am - 8:45 am	Evaluation of the Painful TKA Thomas Thornhill, MD
8:45 am - 9:15 am	Questions
9:15 am - 9:45 am	Cases / Panel Discussion
9:45 am - 10:00 am	Break / Posters

ABSTRACT AWARDS

Awards will be presented for the
Best Basic Science,
Best Clinical Presentation
& Best Presentation Poster.

Abstract Presentations

10:00 am - 10:15 am	Use of Microcomputed Tomography in a Rat Traumatic Osteonecrosis Model
10:15 am - 10:30 am	Experience with the First 507 Minimally Invasive Unicompartmental Arthroplasties Using the Same Design: Does a Learning Curve Exist for this Procedure?
10:30 am - 10:45 am	Arthroscopic Treatment of the Painful Minimally Invasive Unicompartmental Arthroplasty
10:45 am - 11:00 am	The Impact of Comorbidities on Outcomes in Revision TKA
11:00 am - 11:15 am	Mandated VTE Prophylaxis – Evidence of Possible Adverse Outcomes
11:15 am - 11:30 am	Questions

Trauma Section

Moderator: Mark C. Willis, Jr., MD

11:30 am - 11:45 am	Peritrochanteric Femur Fractures Mark C. Willis, Jr., MD
11:45 am - 12:00 n	Segmental Tibia Fractures Varatharaj Mounasamy, MD
12:00 n - 12:15 pm	USN: Lisfranc Injuries Joel D. Stewart, MD, CDR, MC
12:15 pm - 12:35 pm	Cases / Panel Discussion

Abstract Presentations

12:35 pm - 12:50 pm	Surgical Treatment for Ipsilateral Intertrochanteric and Femoral Shaft Fractures
12:50 pm - 1:05 pm	Outcomes of Severe Open Wartime Tibia Fractures Treated with Ring External Fixation
1:05 pm - 1:20 pm	Blast Induced Lower Extremity Fractures with Arterial Injury: Prevalence and Risk Factors for Amputation after Initial Limb Preserving Treatment
1:20 pm - 1:35 pm	Range of Motion Effects of Distal Pole Scaphoid Excision after Radioscapholunate Fusion
1:35 pm - 1:45 pm	Questions
1:45 pm	Closing Remarks Wilford K. Gibson, MD; N. Douglas Boardman, III, MD Lunch on own, Activities

Special Guest Speakers

Joseph P. Iannotti, MD, PhD

Dr. Joseph Iannotti is the Maynard Madden Professor of Orthopaedic Surgery in the Lerner College of Medicine and Chairman of the Orthopaedic and Rheumatology Institute at the Cleveland Clinic. He focuses his clinical practice on the treatment of complex shoulder pathology, and has significantly contributed to the orthopaedic literature in this regard. He is the author or editor of multiple books and book chapters, as well as over 200 journal publications which elaborate on his experience and technique. Dr. Iannotti has also served as President of the American Shoulder and Elbow Surgeons. As an innovator in his field, he continues his research in the areas of tendon repair, soft tissue engineering, shoulder mechanics, and prosthetic design in an effort to further advance orthopaedic management of the impaired or injured shoulder.



Thomas Thornhill, MD



Dr. Thomas Thornhill is John B. and Buckminster Brown Professor of Orthopedic Surgery at Harvard Medical School and Chairman of the Department of Orthopedic Surgery at Brigham & Women's Hospital in Boston and has served as Chairman of the Department of Orthopedic Surgery since 1996. After receiving his MD from Cornell University Medical College in 1970, he completed his Orthopaedic Residency training through the Harvard Combined Residency Program in 1978 and his Total Joint Fellowship at Robert Breck Brigham Hospital in 1979. He has focused his clinical practice on the training of residents and fellows in total joint arthroplasty. Between 1969 and 2005, Dr. Thornhill authored 75 original articles for numerous journals and professional publications. Dr. Thornhill currently serves on the Board of Directors for the Massachusetts Chapter of the Arthritis Foundation.

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61st Annual Meeting • May 2 - 4, 2008 • Wintergreen Resort • Wintergreen, VA
Registration Form

Attendees are required to register for the meeting. One form per registrant. Duplicate form if needed.

Mr. Mrs. Ms. Dr. First Name _____ M.I. _____ Last Name _____

Credentials _____ Specialty _____

Affiliation/Business/Organization _____

Primary Mailing Address Home Work Street _____

City/State/Zip _____

Country _____ Phone _____ Fax _____

Email: _____ Please print clearly for successful email delivery of your confirmation letter

Are you an employee of University of Virginia? Yes No A Resident Physician? Yes No A Fellow? Yes No

Do you require special assistance because of a disability or do you have any dietary restrictions? If so, please describe _____

Your Birth Date (MM/DD/YYYY) _____

Registration Fees

Please check appropriate category below. After April 4, 2008, late fees apply.

	Through 4/4/2008	After 4/4/2008	
<input type="checkbox"/> VOS Member	\$100	\$125	\$ _____
<input type="checkbox"/> VOS Non-Member Eligible*	\$250	\$295	\$ _____
<input type="checkbox"/> Emeritus Member	N/C	N/C	N/C
<input type="checkbox"/> Resident/Fellow.....	N/C	\$25	\$ _____
<input type="checkbox"/> Non-member Physician	\$150	\$200	\$ _____
<input type="checkbox"/> Friday Night Cookout _____ Adults @ \$10 per person _____ Children @ \$5 per person			\$ _____
<input type="checkbox"/> Saturday Night Dinner _____ Adults @ \$20 per person _____ Children @ \$10 per person			\$ _____
 *Full amount will be applied to 2008 dues and complimentary meeting registration will be offered for the first year.		TOTAL	\$ _____

Payment

Make checks (US currency) payable to: **Virginia Orthopaedic Society** Credit Card Payment: VISA MasterCard

Card #: _____ Exp Date: _____

Name on Card: _____ Signature: _____

Refund Policy: 80% refund through 4/4/08; no refund after 4/4/08. Refunds will be determined by date written cancellation is received. All cancellations must be in writing. Contact VOS headquarters with any questions.

Please return this form to:

Virginia Orthopaedic Society • 2209 Dickens Road • Richmond, VA 23230-2005
 Phone: (804) 282-0063 • Fax: (804) 282-0090

Things to Do at Wintergreen and Nelson County

Golfing at Wintergreen –

On Top of the Mountain: Devils Knob

Sitting at an elevation of over 3,800 feet, players leave Devils Knob golf course remembering narrow fairways, consistently excellent turf conditions and unsurpassed vistas. As an 18-hole golf course, Devils Knob is rated one of the State's top courses. For information regarding availability and prices please call 434-325-8250.

Down in the Valley: Stoney Creek

Immaculate fairways wind through a natural setting with panoramic views of the Blue Ridge Mountains, providing enjoyment for every level of golfer, from serious competitor to vacationing beginner. As a 27-hole golf course, Stoney Creek is rated number 34 best resort course in the U.S. by Golf Digest. For information regarding availability and prices please call 434-325-8250.

Crabtree Falls

The Old Dominion's best kept secret. Located midway between Charlottesville and Lynchburg, Virginia, Crabtree Falls is the largest vertical drop waterfall east of the Mississippi River. The trails of the falls lead hikers up to where the trail meets the Appalachian Trail. It leads hikers along a rigorous five-mile loop which offers stunning views of the five cascades of Crabtree Falls. The vertical drop totals over 1,500 feet! For more information please visit www.crabtreefalls.com.

Out of Bounds Adventure Center: Wintergreen Resort

The Out of Bounds Adventure Center at Wintergreen Resort will challenge you with adrenaline-pumping activities such as rock climbing and team paintball. Our scenic Virginia mountain getaway offers a popular bungee trampoline that enables

jumpers to reach heights of 25 feet and higher. Try our downhill mountain biking trails, where you can dart down 20 gnarly trails, built for all levels of riders. For a playful way to learn rock climbing, scale our 25-foot climbing tower, which features varying degrees of difficulty. Experience a thrilling Virginia mountain vacation - with a host of activities that will satisfy even the most adventurous spirit. Please call for rates and availability: 434-325-8505.

Wintergreen Dining

Wintergreen offers an eclectic selection of dining spots to suit any taste, any time. Wintergreen's restaurants and lounges can satisfy even the most discerning palate. Below is a list of dining experiences that are located on site:

Devils Grill: 434-325-8100

The Copper Mine: 434-325-8090

The Edge: 434-325-8080

Stoney Creek Bar & Grill:
434-325-8110

George Washington and Jefferson National Forests

Two forests stretching from one end of Virginia to the other, as well as extending into West Virginia, along the ruggedly beautiful Appalachians. Virtually every type of outdoor recreation activity you can imagine is available: hiking, fishing, mountain bicycling, and hawk watching. For maps of the park please visit www.fs.fed.us.

Lake Monocan Park

A picturesque lake in the valley of Stoney Creek, offers a sandy beach and picnic areas; swimming, sail boating, kayaking, and paddleboats; as well as Orvis-endorsed fly fishing instruction and guiding services. Open on the weekends from 10:00am – 6:00pm. Admission: Adults: \$11.00, Children 6-12: \$8.00. Children Under 5: Free.

Wintergreen Spa

Mountaintop Spa with panoramic views. Choose from an array of soothing treatments, therapies and packages, ranging from massage and body wraps to skin care and salon services. To set up an appointment please call 800-266-2444.

Afton Mountain Vineyards

Afton Mountain Vineyards is an anomaly in Virginia: a winery that combines the newest and the oldest. Delicate wines with a crisp, clean taste and subtle flavors and aromas of the fresh fruit used to make them. Offering wine tasting Wednesday through Monday – 10:00 am to 6:00 pm. Admission: Free, but please call ahead 540-456-8667.

Mountain Inn Gallery

Stores include a variety of shops offering jewelry and apparel, antiques, sporting equipment, crafts and more. Located on the Resort.

Rodes Farm Stables: Wintergreen Resort

Wintergreen's riding program at Rodes Farm Stables, located on historic Rodes Farm in Stoney Creek, is designed for horse enthusiasts of all ages and riding abilities. Since 1977, they have introduced thousands of guests and students to the joys of horsemanship. The Stables will be open daily except Mondays. Please call to make advanced reservations and for admission pricing 434-325-8260.



Lodging Request Form

VIRGINIA ORTHOPAEDIC SOCIETY

61st Annual Meeting

May 1-4, 2008

Master Account # 40E1AW

Name _____

Arrival Date _____ Departure Date _____ Number of Persons in Your Party _____

Address _____

City _____ State _____ Zip Code _____

Daytime Phone Number _____ Email Address _____

Special Needs or Requests ? _____

Smoking Preference? Non-Smoking Preference ?

Types of Accommodations	Nightly Rate	Lodging Description	# Beds	Amount
_____ Studio	\$139	1 to 2 persons with 1 bed	_____	\$ _____
_____ Lodge Room	\$149	1 to 2 persons with 1 to 2 beds	_____	\$ _____
_____ One-Bedroom Condominium	\$165	1 to 2 persons with 1 bed	_____	\$ _____
_____ Two-Bedroom Condominium	\$235	2 to 4 persons with 2 to 3 beds	_____	\$ _____
			TOTAL	\$ _____

All rates are subject to 6% resort amenity fee and 10% state and county taxes.

If you are sharing the above accommodation with another individual(s) and separate accounts are required.

Please provide the following information:

Name / Day Time Phone _____ Type and number of credit card _____

Name / Day Time Phone _____ Type and number of credit card _____

Name / Day Time Phone _____ Type and number of credit card _____

If separate accounts are requested, the deposit will be divided between the accounts and charged equally to each. A deposit equal to one night's room, tax and amenity fee must accompany your reservation request or your request can not be confirmed. Cancellations occurring within 14 days of arrival are subject to forfeiture of entire deposit. Credit cards will be charged at the time of booking. Check-in time begins at 4:00 pm. Checkout time is 11:00 am. Any guests that have not checked out by 12:00 pm will be charged the half day rate. If an accommodation is to be shared and separate accounts are requested, please be aware that a decrease in the number of guests staying in the unit for any of the dates reserved will result in an increased per person rate for all of the remaining guests. Wintergreen will make every effort to honor requests for specific room types, room locations, etc., but due to circumstances beyond our control, we can not guarantee these requests. Wintergreen offers complimentary cribs for your convenience but does not provide or allow rollaways or cots in any of the lodging units. Advance reservations and appointments are recommended for all evening dining and recreation to ensure preferred times. Photo Identification and a valid credit card are required at time of check-in. Any cancellations occurring more than 14 days prior to arrival are subject to a \$25 processing fee. To ensure the safety and comfort of all guests, Wintergreen does not permit pets, motorcycles, motor homes or outdoor grilling.

Method of Payment:

American Express Visa Mastercard Discover Personal and company checks are also accepted.

Credit Card Number _____ Amount to be Charged _____

Cardholder Name (Please print) _____ Exp. Date _____

Cardholder Signature _____

In order to qualify for these special, group rates Wintergreen must receive your reservation request by April 1, 2008

Requests received after this date will be confirmed on a space and rate available basis.

PLEASE EMAIL, FAX OR MAIL THIS RESERVATION FORM TO:

Director of Reservations, Wintergreen Resort, P.O. Box 706, Wintergreen, VA 22958
 Phone (800) 611-6888 • FAX (434) 325-8004 • Email: reservations@wintergreenresort.com



Virginia Orthopaedic Society
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Disclosure of Faculty Financial Affiliations

The University of Virginia School of Medicine, as an ACCME accredited provider, endorses and strives to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards of Commercial Support, Commonwealth of Virginia statutes, University of Virginia policies and procedures, and associated federal and private regulations and guidelines on the need for disclosure and monitoring of proprietary and financial interests that may affect the scientific integrity and balance of content delivered in continuing medical education activities under our auspices.

The University of Virginia School of Medicine requires that all CME activities accredited through this institution be developed independently and be scientifically rigorous, balanced and objective in the presentation/discussion of its content, theories and practices.

All faculty presenters participating in an accredited CME activity are expected to disclose relevant financial relationships with commercial entities occurring within the past 12 months (such as grants or research support, employee, consultant, stock holder, member of speakers bureau, etc.). The University of Virginia School of Medicine will employ appropriate mechanisms to resolve potential conflicts of interest to maintain the standards of fair and balanced education to the reader. Questions about specific strategies can be directed to the Office of Continuing Medical Education, University of Virginia School of Medicine, Charlottesville, Virginia.

Disclosure of Discussion of Non-FDA Approved Uses for Pharmaceutical Products and/or Medical Devices

The University of Virginia School of Medicine, as an ACCME provider, requires that all faculty presenters identify and disclose any off-label uses for pharmaceutical and medical device products. The University of Virginia School of Medicine recommends that each physician fully review all the available data on new products or procedures prior to clinical use.

CME Activity Participant Requirement

The University of Virginia Office of Continuing Medical Education requires that all participants at live CME activities sign attendance sheets daily to confirm participation in the CME activity for that day. Certificates of attendance, designating the maximum number of hours of participation, are distributed to each participant at the CME activity. Participants are responsible for accurately tracking their actual participation at live events.

Special Needs

The Americans with Disabilities Act of 1990 requires that all individuals, regardless of their disabilities, have equal access. The Office of Continuing Medical Education at the University of Virginia School of Medicine is pleased to assist participants with special needs. Written requests must be received 30 days prior to the conference date. These should be mailed to UVA Office of Continuing Medical Education, Box 800711, Charlottesville, VA 22908 or to uvacme@virginia.edu.