

**The Association of Ringside Physicians  
2016 Annual Medical Seminar**

**Ringside Medicine:  
Safety is Our Middle Name**

Office of Continuing Medical Education  
Wake Forest School of Medicine  
Medical Center Boulevard  
Winston-Salem, NC 27157-1060

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Register online today at  
**[northwestahcec.org/48919](http://northwestahcec.org/48919)**

**Seminar: July 30 – 31, 2016  
Certification Exam: Aug. 1, 2016**

Monte Carlos Resort & Casino  
Las Vegas, Nev.

*Jointly Provided by:*

*This activity is jointly provided by Wake Forest School of  
Medicine and the Association of Ringside Physicians  
(in cooperation with the American College Sports Medicine).*

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**PLEASE POST**

The Association of Ringside Physicians  
2016 Annual Medical Seminar

# Ringside Medicine: Safety is Our Middle Name!



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Monte Carlo Resort & Casino  
Las Vegas, Nevada



***Don't Wait!***  
***Certification Exam available at this event***

# The Association of Ringside Physicians 2016 Annual Medical Seminar

## Ringside Medicine: Safety is Our Middle Name!

**Seminar: July 30–31, 2016**

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Monte Carlo / Las Vegas, Nevada

### Target Audience

Physicians, fellows, residents, students, physician assistants, and nurses in both academic and private practice who are involved in the newly evolving sports medicine subspecialty of Ringside Medicine. Others who may benefit include athletic trainers, athletes, referees and state commissioners.

### Objectives

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

- Describe the neuro-metabolic cascade of concussion and diffuse axonal injury.
- Discuss the pathophysiology of Chronic Traumatic Encephalopathy (CTE). Potential treatment and prevention of CTE.
- Identify the Second Impact Syndrome and SDH and their respective diagnosis, treatment and prevention.
- Describe neuro-plasticity therapy and its application to combatants with Traumatic Brain Injury.
- Recommend medical suspensions from combative sports based on the athletes injury and return to compete guidelines.
- Appreciate the value of neuro-cognitive testing and perform basic ringside tests such as the SCAT2 or King Devick Test.
- Perform a pre-bout dental exam, describe normal occlusion, and recognize facial/jaw fractures in combatants.
- Improve skills in interacting with referees and commissioners.
- Identify the fundamentals of Epistaxis and know when to invoke a medical stoppage for nasal hemorrhage.
- Interpret pre-bout eye exams, describe and evaluate common ophthalmologic in combative sports.
- Describe differences in professional and amateur combative sport rules and regulations and apply them to the care of the combatants.
- Articulate the current state of medical research in combative sports.
- Be able to manage and direct a medical team during a combative sports event.
- Describe and appreciate common joint holds in MMA and the injuries associated with these holds.
- Describe the pattern of injuries to the hand and foot in combative sports and advise athletes effective treatment.
- Gain a better understanding of medical legal issues in combative sports.
- Acquire a knowledge base that would aid participants in preparation for the certification exam.

## Credit

The Wake Forest School of Medicine designates this live activity for a maximum of 12.5 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**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 providership of Wake Forest School of Medicine and the Association of Ringside Physicians. The Wake Forest School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.



NC Area Health Education Center is recognized by the Board of Certification, Inc. to offer continuing education for Certified Athletic Trainers. This program has been approved for a maximum of 12.5 hours of Category A continuing education. Certified Athletic Trainers are responsible for claiming only those hours actually spent participating in the continuing education activity. BOC Approved Provider Number: P3549.

- 12.5 Contact Hours from Northwest AHEC
- 1.25 CEUs from Wake Forest School of Medicine

## Registration

**Please note:** In an effort to streamline our registration process, The Association of Ringside Physicians has partnered with Wake Forest School of Medicine. You will be registering through their website. If you have any questions about registration, please contact Gail Pawlik at 336-713-7761 or email [gpawlik@wakehealth.edu](mailto:gpawlik@wakehealth.edu).

**Registration fee** includes instructional and administrative costs, continental breakfast and lunch.

**Register and pay online** at [northwestahec.org](http://northwestahec.org) or complete and return the attached registration form by mail or fax. Payment by credit card (Visa, MasterCard, American Express), cash, money order, personal check or corporate check is accepted.

**Payment Policy**— Payment is required on or before entrance into this activity. If a corporate payment has not been received prior to the activity start date, you will be required to provide a personal credit card or check. If the corporate payment has not been received two weeks post activity, your personal credit card or check will be charged or cashed. To avoid personal payment, you should check with the financial staff at your organization to determine status of payment.

**Refund Policy**— Cancellations received in our office at least two days prior to the activity will result in a charge of \$50, or 30 percent of the paid registration fee, whichever is less. The registration fee will not be refunded if a cancellation is received less than two days before the activity. You may send a substitute in your place.

**Note**— If you have not received confirmation of your registration 24-hours before the program date, please call contact Gail Pawlik at 336-713-7761 or email [gpawlik@wakehealth.edu](mailto:gpawlik@wakehealth.edu). to verify the status of your registration.

## Location

Monte Carlo Resort & Casino  
3770 S. Las Vegas Blvd., Las Vegas, NV 89109

Seminar: July 30-31, 2016

Registration: 7:30 am

Certification Exam: Aug. 1, 2016

**Book your room now!**

**Hotel reservation deadline: June 29, 2016**

For information on overnight pricing and to register for your hotel accommodations, cut and paste the weblink: <https://resweb.passkey.com/go/XARP2016> into your web browser at the top of your internet screen.



The link will take you to the Monte Carlo reservations website specifically set up for the Ringside Medicine Conference.

Choose the date you would like to check in, and how many nights you will be staying, then click the "search availability" button. You will be directed to group room rates and availabilities.

Click "book this room." It will then ask you for your credit card information and give you a confirmation code. **Please keep this code as you will need it upon check in.**

## Handouts

Handouts will not be printed for this activity. Handouts will be available online at the Web address below on Monday, July 18, 2016, after 4 pm. Login under "My CE Profile," and click on this event title. You may access handouts for up to two weeks following the conclusion of this activity.

► [www.northwestahec.org](http://www.northwestahec.org)

## For More Information and Assistance

If you have questions about registering for this activity or need auxiliary aids or special services to attend, please contact Gail Pawlik at least five working days prior to the activity by calling 336-713-7761 or email [gpawlik@wakehealth.edu](mailto:gpawlik@wakehealth.edu)

## Conflict of Interest Policy

It is the policy of Wake Forest School of Medicine to require disclosure of any significant financial interest or any other relationship a faculty member or planning committee member or sponsor has with the manufacturer(s) of any commercial products or services discussed in an educational presentation. This information will be shared with all participants at the conference.

Program provided in cooperation with:



**AMERICAN COLLEGE  
of SPORTS MEDICINE®**  
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# Agenda

Saturday, July 30, 2016

## Combative Sports and Brain Injury

8 am **Welcome and Opening Remarks** / Larry Lovelace, DO, President of the Association of Ringside Physicians and Mike Mazulli, President of the Association of Boxing Commissions

8:15 am **Concussions** / Netin Sethi, MD

8:35 am **Second Impact Syndrome** / Robert Cantu, MD

8:55 am **The Golden Hour** / Ray Monsell, MBBS

9:25 am **Break**

## Sports and Brain Injury

9:45 am **Chronic Traumatic Encephalopathy: What the Ringside Physician Needs to Know** / Barry Jordan, MD

10:05 am **Neuro-plasticity and Long-term Treatment of Concussions** / Patricio Reyes, MD

## Determining Brain Fitness to Compete

10:20 am **Return to Play Protocols in Football and How They Correlate to Boxing/ MMA Musculoskeletal, TKO, KO, Lacerations** / John Neidecker, DO and Randolph Taylor, MD

10:45 am **Neuro-cognitive Testing: What is It and What is Its Utility?** / John Stiller, MD and Margaret Goodman, MD

11 am **Medical Suspensions** / Barry Jordan, MD

## Dental and Maxillofacial Injuries in Combative Sports

11:20 am **Lacerations, Fractures** / Daniel Orr, II, DDS, PhD, JD, MD and Jeff Roberts, MD

Noon **Lunch (Breakout session for research in MMA)**

## Medical Decisions: PRO vs. Amateur Events

1 pm **Differences in Pro and Amateur Events** / Joe Estwanik MD and Rodney Mohammed, DO

1:30 pm **The Show Must Go On (Part 1)** / Dom Coletta, MD

2 pm **Nutritional Issues in Combative Sports** / Ed Ayoub, MD

2:20 pm **Break**

2:45 pm **Ophthalmology for the Ringside Physician** / Gabriela Espinoza-Maclin, MD

3:10 pm **Medical Legal Issues in Combative Sports** / Larry Lovelace, DO and Bruce Spizler, Esq.

3:30 pm **Morbidity and Morality** / Don Muzzi, MD

3:50 pm **Paramedical Personnel at the Venue** / Flip Holmansky, MD, Nick Rizzo, MD and Eric Dievendorf, MD, Director of American Medical Response Co.

7 pm **Banquet**

## Sunday, July 31, 2016

- 8 am **Potential and Future of Medical Research in MMA** / Johnathan Gelber, MD
- 8:20 am **Cleveland Clinic's Concussion/Brain Injury Assessment** / Charles Bernick, MD
- 8:40 am **Foot, Ankle, & Knee Injuries in Combat Sports** / Rick Weinstein, MD
- 9:10 am **Epidemiology of Muay Thai Injuries and Risk Associations** /  
Stepen Strotmeyer, PhD
- 9:30 am **Break**
- 9:45 am **Joint Manipulations: Clinical Awareness of Subtle Submissions**  
(Demonstrations) / Hillary Williams, MD, Charles Everly, MD and  
Rick Weinstein, MD
- 10:40 am **The Pre Fight Meeting: Rules, Regulations, Illegal Strikes and Holds,  
Medical Rules and Issues** / John McCarthy, Jay Nady and Larry Lovelace, DO
- 11:05 am **Commissioners Panel and Discussion** / Joe Miller–Oklahoma  
State Commission, Haskell Alexander–Deputy Gaming Commissioner  
Chickasaw Nation, Andy Foster–Executive Officer of the California State  
Athletic Commission, Frank Gentile–Assistant Executive Director, Florida State  
Boxing Commission, Jim Erickson–Assistant Program Manager for the  
Combative Sports Program, Texas Department of Licensing and Regulation,  
Adam Burkhalter–Executive Director Combative Sports Wisconsin.
- Noon **Lunch**
- 1:15 pm **Safety in the Ring: A Judge's Perspective** / Duane Ford–Director, NABF and  
former Chairman NSAC
- 1:25 pm **The Show Must Go On (Part 2)** / Dom Coletta, MD
- 2:15 pm **Referee / Physician Interactions and Communications** / John McCarthy
- 3 pm **Announcements and Upcoming Events**
- 3:15 pm **Ringside Medicine: Morbidity and Mortality** / Don Muzzi, MD,  
Larry Lovelace, DO and Flip Homanski, MD
- 4:30 pm **Board Review Course** / Larry Lovelace, DO

## Monday, Aug. 1, 2016

- 8:30 am **Certification Exam** / John Neidecker, DO, Don Muzzi, MD and  
Larry Lovelace, DO

To join ARP, click on  
[www.RingsideARP.org](http://www.RingsideARP.org)



# Registration Form (Print clearly)

## The Association of Ringside Physicians 2016 Annual Medical Seminar

Seminar: July 30-31, 2016 / Exam Certification: Aug. 1, 2016

First name \_\_\_\_\_ Last name \_\_\_\_\_ Nick name \_\_\_\_\_

Last Four Digits of Social Security # (required for CME credit) \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ (International participants - use 0 0 0 0)

Degree/Credentials: \_\_\_\_\_

Specialty: \_\_\_\_\_ Institution: \_\_\_\_\_

Address: \_\_\_\_\_  Home  Office

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip Code: \_\_\_\_\_ (or five 0's)

Daytime Phone: \_\_\_\_\_ Email address (required): \_\_\_\_\_

Spouse/Guest names: \_\_\_\_\_

### Registration Fees:

*Hotel accommodations and personal transportation not included in registration fee.*

<input type="checkbox"/> ARP Member, Physician—Registered or postmarked on or before 6/15/16	\$475
<input type="checkbox"/> ARP Member, Physician—Registered or postmarked after 6/15/16	\$500
<input type="checkbox"/> ARP Non-Member, Physician—Registered or postmarked on or before 6/15/16	\$650
<input type="checkbox"/> ARP Non-Member, Physician—Registered or postmarked after 6/15/16	\$675
<input type="checkbox"/> ARP Associate Member	\$150
<input type="checkbox"/> ARP Non-Member Associate	\$250
<input type="checkbox"/> Member, Medical Students / Residents	\$150
<input type="checkbox"/> Non-Member, Medical Students / Residents	\$250
<input type="checkbox"/> ABC Members	\$150
<input type="checkbox"/> ABC Members, one-day option (Only ABC Members may attend one-day, if necessary.)	\$75
<input type="checkbox"/> <b>Banquet Ticket (Not included in the registration fee, per person)</b>	<b>\$120</b>
<input type="checkbox"/> Conference Room Charge (if not staying at the Monte Carlo Hotel, Las Vegas)	\$50
<input type="checkbox"/> Certification Exam - ARP Members , Physician	\$239
<input type="checkbox"/> Certification Exam - ARP Non-Members, Physician	\$299

**Total**

**To join ARP, click on [www.RingsideARP.org](http://www.RingsideARP.org)**

### Three ways to register:

**1. Online [www.nwahec.org/48919](http://www.nwahec.org/48919)**

**2. Mail to:** Wake Forest School of Medicine / Office of Continuing Medical Education  
Attention: Gail Pawlik  
Medical Center Blvd., Winston-Salem, NC 27157-1028  
Make check payable to **"Wake Forest University Health Sciences"**

**3. Fax using VISA, Mastercard or AmEx: Complete information below and fax to 336-713-7701.**

Credit Card (select one):  Visa  MC  AmEx

Name as it Appears on Card \_\_\_\_\_

Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_

Credit Card Billing Address \_\_\_\_\_

Cardholder Signature \_\_\_\_\_