22nd annual TRAUMA SYMPOSIUM

May 4-6, 2020

Harrah's Resort Atlantic City, New Jerse



A member of Geisinger

ARMC'S TRAUMA TEAM is pleased to offer this comprehensive conference. To learn more about the conference, see updates to the agenda or to register, please visit www.atlanticare.org/symposium, contact the Trauma Education Coordinator at 609-572-8202 or email traumaeducation@atlanticare.org.



AtlantiCare, a member of Geisinger, is an integrated system of services designed to help people achieve optimal health. It comprises AtlantiCare Regional Health Services including AtlantiCare Regional Medical Center with three locations, ambulatory services and AtlantiCare Physician Group; the AtlantiCare Foundation, and AtlantiCare Health Solutions, an accountable care organization.

The region's largest healthcare organization and largest non-casino employer, AtlantiCare's more than 6,000 staff and providers serve the community in more than 100 locations throughout five counties in New Jersey. AtlantiCare and its business units are governed by boards of volunteer community leaders. AtlantiCare's focus is to serve the community as a provider of health and wellness services.



LEASANTVILLE, N

PERMIT NO. 3206

PAID

U.S. POSTAGE

NON-PROFIT

Atlantic City, NJ 08401 1925 Pacific Avenue, 8th Floor

A member of GEISINGEL



The Trauma Center

Harrah's Resort

May 4-6, 2020

Jenuae bazz

MUISO9MYS AMUAЯ1

USAR USARC



DISTINGUISHED FACULTY

GUEST FACULTY:

Alex Axelrad, MD, FACS, FCCM

Trauma Medical Director Mount Sinai South Nassau Oceanside, New York

Alec C. Beekley, MD, FACS

Professor of Surgery Chief, Division of Minimally-Invasive Metabolic, and Bariatric Surgery Staff Surgeon, Trauma and Acute Care Surgery Sidney Kimmel Medical College at Thomas Jefferson University Philadelphia, Pennsylvania

Jeremy W. Cannon, MD, SM, FACS Trauma Medical Director and

Section Chief of Trauma Associate Professor of Surgery Trauma, Surgical Critical Care & Emergency Surgery University of Pennsylvania Philadelphia, Pennsylvania

Juan C. Duchesne, MD, FACS, FCCP, FCCN The William Henderson Chair of Surgery **Endowed Professor of Trauma**

Division Chief Trauma/Acute Care and Critical Care Department of Surgery Tulane New Orleans, Louisiana

Dominick J. Eboli, MD. FACS Bristol-Myers Squibb Trauma Center at Capital Health Regional Medical Center Chairman of Surgery Trauma Medical Director Trenton, New Jersey

Kaitlyn Ippolito Forked River, New Jersey

Orlando C. Kirton, MD. FACS, MCCM, FCCP. Surgeon-in-Chief, Chairman of Surgery,

Abington-Jefferson Health Chief Division of General Surgery, Abington-Jefferson Health Vice Chairman, Jefferson Health Enterprise Department of Surgery Professor of Surgery, Sidney Kimmel Thomas Jefferson University Medical College of Thomas Jefferson University Associate Professor of Orthopaedic Surgery Abington, Pennsylvania Philadelphia, Pennsylvania

Robert V. Madlinger DO, MPH, FACOS, FACS, LTC USAR USARC

St Joseph's University Medical Center Chief of Trauma and Surgical Critical Care Commander 1st Forward Surgical Detachment, Paterson, New Jersey

Charles Nnewihe, MD

Regional Nephrology Associates Northfield, New Jersey

John M. Porter, MD, FACS Director, Center for Trauma Services Chief, Division of Trauma, Surgical Critical Care, and Acute Care Surgery Trauma Medical Director Medical Director of Supply Chain Cooper University Health Care

Past President, American College of Osteopathic Emergency Physicians Professor of Surgery President Elect, NJ Chapter of Assistant Dean for Clinical Affairs American College Emergency Physicians Cooper Medical School of Rowan University Atlantic City, New Jersey Camden, New Jersey Joseph Drogo, APN, RN, CNRN

Amit Borah, MD

Critical Care Medicine

Atlantic City, New Jersey

Interventional Pulmonology and

AtlantiCare Regional Medical Center

Thomas Brabson, DO, MBA, FACEP

AtlantiCare Regional Medical Center

Neuro Critical Care Nurse Practitioner

AtlantiCare Regional Medical Center

AtlantiCare Regional Medical Center

Rowan School of Osteopathic Medicine

Edward Hamaty, Jr., DO, FACCP, FACOL

Chairman, Department of Critical Care Medicine

Chairman, Emergency Services

Atlantic City, New Jersey

Atlantic City, New Jersey

Associate Medical Director -

Palliative Care Services

Atlantic City, New Jersey

Stratford, New Jersey

Assistant Professor of Medicine

John D. Keogh, MD, FACEP

Department of Emergency Medicine

Carol Lent, DNP, APRN, CRNA

Department of Anesthesiology and

AtlantiCare Regional Medical Center

Lauren Lusk, PT, DPT, AIB-CON

AtlantiCare Regional Medical Center

AtlantiCare Regional Medical Center

Associate Medical Director

Atlantic City, New Jersey

Perioperative Medicine

Atlantic City, New Jersey

Atlantic City, New Jersey

Physical Therapist

Lisa Rae, MD, FACS

Medical Director, Temple Burn Center Temple University Health System Philadelphia, Pennsylvania

Patrick M. Reilly, MD, FACS C. William Schwab Professor of Surgery Perelman School of Medicine at the University of Pennsylvania Philadelphia, Pennsylvania

Brian M. Smith, DMD, MD Professor Department of Surgery, Cooper Medical School of Rowan University Chief Division of Oral & Maxillofacial Cooper University Hospital Camden, New Jersey

Brittany Spaeth, MS, CCLS Manager Child Life Program Cooper University Hospital Camden, New Jersey

Sidney Kimmel Medical College at

ARMC FACULTY:

James Eakins, MD, FACS

AtlantiCare Regional Medical Center

Brian Acunto, DO, EJD, FACEP, FACOEP

Medical Director, Atlantic City Campus

Attending Physician, Emergency Services

AtlantiCare Regional Medical Center

Trauma Medical Director

Atlantic City, New Jersey

Atlantic City, New Jersey

Stacey Staman, MSN, RN, TCRN, CCRN-K Pediatric Trauma Program Coordinator Cooper University Hospital

Camden, New Jersev Brian S. Winters, MD Rothman Orthopaedics Division of Orthopaedic Foot & Ankle Surgery Egg Harbor Township, New Jersey

Anthony Macchiavelli, MD, FHM, FACP Medical Director of Hospital Medicine AtlantiCare Regional Medical Center Atlantic City, New Jersey

Peter Thompson, MD, FACS

Trauma Surgeon Dept. of Surgery, Div. Trauma, Vascular and General Surgery Dept. of Critical Care AtlantiCare Regional Medical Center Atlantic City, New Jersey

COURSE OVERVIEW

The AtlantiCare Regional Medical Center 22nd Annual Trauma Symposium, will address the latest advances and topics in trauma, critical care and emergency medicine, while emphasizing the importance of quality patient care. Speakers will include national and regional experts. This educational opportunity offers continuing education credits and networking opportunities for professional healthcare providers who contribute to the interdisciplinary care of the injured patient.

Data related to the care of critically ill and injured patients

COURSE INTRODUCTION

STATEMENT OF NEED

is rapidly evolving with advances in science and technology. If implementation at the bedside fails to keep pace, optimal patient care can be compromised. The course is designed to improve the knowledge, competence and performance of healthcare providers engaged in daily care of critically ill and traumatized patients to prevent a gap in knowledge where the information and technology exists. The symposium will feature didactic lectures and inspiring keynote addresses, with a balance between evidence-based principles and innovative, thought-provoking elements of trauma, critical care and emergency medicine. This comprehensive course will incorporate current guidelines and the newest techniques for evaluation, diagnosis and treatment; and provide a valuable update on the management of injured and critically ill patients.

CONFERENCE OBJECTIVES

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

- Apply knowledge gained and lessons learned to provide quality trauma care in practice settings.
- Explain management, technology and techniques for optimal care of diverse trauma, critical care and emergency medicine-related issues.
- Illustrate the latest strategies and techniques for optimal care in the critical care setting, including pediatrics, respiratory care and disaster management.

TARGET AUDIENCE

- Physicians
- Physician assistants
- Nurses/Nurse practitioners
- Respiratory therapists
- Physicial therapists
- Pre-hospital advanced life support
- Allied healthcare professionals

ACCREDITATION & DISCLOSURE

The AtlantiCare Regional Medical Center is accredited by the Medical Society of New Jersey to provide continuing medical education for physicians.

The AtlantiCare Regional Medical Center designates this live activity for a maximum of 17 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the

Physician Assistants

The American Academy of Physician Assistants accepts AMA PRA Category 1 Credit(s)™.

AtlantiCare Regional Medical Center is approved as a provider of nursing continuing professional development by New Jersey State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. P64-3/2021

17 Continuing Nursing Education hours have been applied for.

Respiratory

17 continuing education credits are pending American Association for Respiratory Care approval for May 4-6, 2020.

Pre-Hospital

New Jersey EMS: A certificate will be issued upon completion of the course. Credits will be given to each participant through his or her EMS coordinator.

Pennsylvania EMS: Continuing education has been applied for through JeffSTAT and is pending PA Department of Health/EMS approval for May 4-6, 2020.

All other out-of-state EMS: Contact your state's EMS office for pre-approval of credits and information about CEUs.

Note: Credit will be awarded to all participants only if the evaluation form is completed and returned.

AGENDA • MONDAY, MAY 4, 2020

Registration

Noon - 1:00 PM

1:15 - 2:15 PM

2:30 - 3:30 PM

3:30 - 4:30 PM

AGENDA • WEDNESDAY, MAY 6, 2020

The Mangled Extremity

REGISTRATION BOOTH • LOBBY

		3			
	GENERAL SESSION – Avalon 24				
1:	:00 - 2:00 PM	First DCR Symposium Consensus Juan Duchesne, MD			
Ві	REAKOUT SESSIONS	TRAUMA Avalon 15	EMERGENCY MEDICINE Avalon 16	CRITICAL CARE Avalon 22	
2:	:15 - 3:15 PM	Interventional Pulmonology in Trauma Amit Borah, MD	The Golden Hour of Burn Care Lisa Rae, MD	Update on Sepsis John D. Keogh, MD	
3:	:30 - 4:30 PM	When Do You REBOA: A Case for Volume Retention Juan Duchesne, MD	Prevention & Treatment of Environmental Emergencies Thomas Brabson, DO, MBA	The New Squeeze on Hypertonic Saline Joseph Drogo, APN, RN, CNRN	
GENERAL SESSION – Avalon 24					
Δ.	·30 - 5·30 PM	Whole Blood Resuscitation in Civilian Trauma			

AGENDA • TUESDAY, MAY 5, 2020

Jeremy W. Cannon, MD, SM

SUNRISE GENERAL SESSION - Avaion 24

Traumatic Brain Injury - Initial Evaluation and Management

7:00 - 8:00 AM	Dominick J. Eboli, MD	Dominick J. Eboli, MD			
8:00 - 9:00 AM	Initial Management of Abdomir Patrick M. Reilly, MD	Initial Management of Abdominal Gun Shot Wounds Patrick M. Reilly, MD			
BREAKOUT SESSIONS	TRAUMA Avalon 15	EMERGENCY MEDICINE Avalon 16	CRITICAL CARE Avalon 22		
9:15 - 10:15 AM	The PA Trauma System: Successes and Failures Over 30 Years Patrick M. Reilly, MD	Difficult Airway Management Carol Lent, DNP, APRN, CRNA	Acute Kidney Injury in the Critical Care Patient Charles Nnewihe, MD		
10:30 - 11:30 AM	Contemporary Management of the Diagnosis and Treatment of Maxillofacial Trauma Brian M. Smith, DMD, MD	Concussion Management: Evaluation, Treatment, and Interdisciplinary Care Lauren Lusk, PT, DPT, AIB-CON	VTE -The Final Frontier Anthony Macchiavelli, MD, FHM		

GENERAL SESSION - Avalon 24

11:30 - 1:00 PM	Falling into the Trauma Center: A Skydiver's Story of Survival Kaitlyn Ippolito		
BREAKOUT SESSIONS	TRAUMA Avalon 15	EMERGENCY MEDICINE Avalon 16	CRITICAL CARE Avalon 22
	Traumatic Amputations and		After the Golden Hour –

and Management

Brian Acunto, DO, EJD

Robert V. Madlinger DO, MPH

Presentation of the Scott F Monk DO Scholarshi

GENERAL SESSION - Avalon 24

Degloving Injuries: Evaluation Diagnostic Errors in Practice

GENERAL SESSION AVAION 24
oviding Psychosocial Care to the Pediatric Patient: A Case Study acey Staman, MSN, RN, TCRN, CCRN-K and Brittany Spaeth, MS, CCLS
for 19ish: 10 Articles from 2019 Worth Nating

Brian Acunto, DO, EJD

SUNRISE GENERAL SESSION - Avalon 24

7:00 - 8:00 AM	Alec C. Beekley, MD		
8:00 - 9:00 AM	Trauma and Emergency General Surgery in the Elderly, Challenges and New Care Perspectives Orlando C. Kirton, MD, MBA		
BREAKOUT SESSIONS	TRAUMA Avalon 15	EMERGENCY MEDICINE Avalon 16	CRITICAL CARE Avalon 22
9:15 - 10:15 AM	Hepatobiliary Trauma Alec C. Beekley, MD	Thromboelastogrpahy (TEG) in Trauma and Beyond Alex Axelrad, MD	Post–Intensive Care Syndro Preventing PICS Orlando C. Kirton, MD, MB
10:30 - 11:30 AM	Pelvic Trauma	Foot and Ankle Trauma	Fundamentals of Critical Care Nutrition

GENERAL SESSION - Avalon 24

Acute Management of Spine and Spinal Cord Injury
John Porter, MD

Exhibits will be available during the entire conference in Avalon 16. Designated times will be set during the conference for networking.

Schedule and Speakers are subject to change.

22ND ANNUAL TRAUMA SYMPOSIUM



11:30 - 12:30 PM



The Role of Palliative Medicine

on the Trauma Service

Edward Hamaty, Jr., DO







HARRAH'S RESORT ATLANTIC CITY



HARRAH'S RESORT ATLANTIC CITY

Located in the Marina District, Harrah's Atlantic City Hotel & Casino is a fun and friendly place to stay and play. It includes Elizabeth Arden Red Door Spa at Harrah's, shopping, an indoor pool with day swimming (all pool guests must be 21 years of age and older, with valid ID required to enter), The Pool Nightlife - After Dark and other features to enhance your stay. Make your hotel reservation today to experience all that Harrah's Atlantic City offers.

Atlantic City offers attractions and activities that range from casino resorts and boutique hotels to golf courses, lighthouses, performing arts, and cultural and historical venues to fine dining. A short drive takes you to visit wineries, museums and attractions in Atlantic County and neighboring Cape May and Ocean counties. For more information about what Atlantic City offers, visit www.atlanticcitynj.com

TRAVEL AND ACCOMMODATIONS

A block of rooms is reserved at Harrah's Atlantic City Hotel & Casino for a reduced rate of \$149 per room, per night in the Waterfront Tower. All rates quoted are based on single or double occupancy, plus applicable Atlantic City room tax, currently 14 percent. Rates are also subject to a New Jersey State Occupancy Fee, currently \$3 and an Atlantic City Tourism Fee, currently \$2, per room, per night. Each additional person is \$20. There is a resort fee of \$24.00 which includes unlimited local phone calls, basic WiFi to include 2 devices per room per day, and a \$5.00 voucher towards self-park.

To make a reservation, contact the Harrah's Reservations Department by calling 1-888-516-2215 between 8 a.m. and 2 a.m., Monday through Friday before April 20, 2020. Any reservations made after April 20, 2020 will be on a space-availability at the prevailing hotel rate basis at then available rack rates. To secure the discounted rate, you must mention you are participating in AtlantiCare's Trauma Symposium or you can reference Group Code **SH05ATO**.

If you prefer to book online, please use this link: https://book.passkey.com/go/SH05AT0 Room Reservations: 888-516-2215 (8am-2am EST seven days a week)

Group name: AtlantiCare Trauma Symposium 2020

All callers will be asked for this code, but can also book by saying "AtlantiCare Trauma Symposium"

Peter Thompson, MD

Attendees will receive a \$5.00 complimentary parking coupon towards to self-park. Parking fee per stay is \$10.00 (per day) for valet parking for all overnight hotel guests. Parking fee is subject to change.

22ND ANNUAL TRAUMA SYMPOSIUM • MAY 4-6, 2020 **EARLY REGISTRATION**

EARLY REGISTRATION	PHYSICIAN/PA	NURSING/ALS/RESPIRATORY/ALLIED HEALTH	Le
MAY 4-6, 2020 (Full Conference - 17 credits)	\$450	\$325	
MAY 4 OR MAY 6, 2020 (Half Day - May 4, 2020 - 4 credits, May 6, 2020 - 5 credits)	\$200	\$125	
MAY 5, 2020 (Full Day - 8 credits)	\$275	\$200	Pl Sp

\$40 Late fee will apply after April 21

CONFERENCE EXHIBITORS/COMMERCIAL SUPPORT

Educational and registration fees for participants are kept at a minimum through the generous support of exhibitors and supporters. Exhibits include state-of-the-art equipment, products and professional services. Exhibitors' and supporters' ongoing commitment to the symposium makes it possible for ARMC to offer this quality educational experience for a nominal fee. The AtlantiCare Regional Medical Center Annual Trauma Symposium is grateful for the continued support of exhibitors and supporters. During breaks, please visit the exhibitors to meet their representatives and learn about their products and services.



Home/Cell Phone:

Email Address (REOUIRED)

permanent mailing list.

Work Phone: (

22nd annual TRAUMA SYMPOSIUM May 4-6, 2020 Harrah's Resort Atlantic City

REGISTRATION

☐ Physician ☐ PA ☐ Nurse ☐ Respiratory ☐ ALS

☐ AtlantiCare Employee (Apply 20% Discount)

Clock #	Online	www.atlantio
	Fax	609-441-817
PLEASE PRINT CLEARLY. YOUR BADGE WILL READ AS FOLLOWS: First Name:	Mail	ARMC Traum 1925 Pacific
Last Name:		Atlantic City,
Degree (MD, DO, PHD, RN, RRT, ETC):	REGIST	RATION INF
Affiliation/Hospital:	regis	0 late fee will trations receiv 21, 2020.
Address: City/State/Zip:	• Tuitio	on fees include

☐ No, I can't attend this year, but would like to be added to your

Please register me for the following: (Please see fee schedule attached.)

		AII
cture Series	☐ May 4-6, 2020 (Full Conference)	\$ а
	☐ May 4, 2020 (Half Day)	\$ act ed:
	☐ May 5, 2020 (Full Day)	\$ pro wil
	☐ May 6, 2020 (Half Day)	\$ Ves
	☐ Late Fee after April 21 (\$40)	\$ to

Please indicate any special needs (including dietary restrictions): Special requests will be considered and accommodated in full compliance with the Americans with Disablities Act (ADA).

PAYMENT	METHOD	

☐ Check Please make checks payable to ARMC Irauma Symposium					
☐ Visa	MasterCard	☐ AmEx	☐ Discover		
Credit Ca	rd Number:				
Expiration Date:/ CVC Code:					
Cardholder's Name:					

THREE EASY WAYS TO REGISTER

care.org/symposium

Avenue, 8th Floor NJ 08401

ORMATION

- be charged for
- e food provided at designated times.
- Four-week cancellation notice is required for a refund.
- Course registration fee is refundable minus a \$50 administrative fee.
- On-site registration will be accepted on a space-available basis.

DISCLOSURES:

conflicts of interest of any individual(s) i position to control the content of this CME vity will be identified and resolved prior to this icational activity being provided. Disclosure about vider and faculty relationships, or the lack thereof be provided to learners.

ted Interest Disclosure: It is the policy of ARMC ensure balance, independence, objectivity and programs. All planners and faculty participating in sponsored programs by ARMC are expected to disclose to the program audience any associated or apparent conflict(s) of interest related to the contenof their presentation(s).

AtlantiCare is not responsible for lost or stolen property during the trauma symposium. It is strongly recommended that you do not leave any electronic equipment, valuables or personal belongings in meeting and lecture rooms unattended.

In accordance with the Americans with Disabilities Act, we will make all reasonable efforts to accommodate persons with disabilities. Please call (609) 572-8202 with special requests.