FINAL PROGRAM

PA'S GUIDE TO THE MUSCULOSKELETAL GALAXY

PRESENTED BY



AAOS

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS

JUNE 27-JULY 1, 2018 | NEW ORLEANS, LA

PA'S GUIDE TO THE MUSCULOSKELETAL GALAXY

Welcome!

AAPA and the American Academy of Orthopaedic Surgeons (AAOS) are pleased to welcome you to the Tenth Annual PA's Guide to the Musculoskeletal Galaxy in New Orleans, Louisiana. We hope you enjoy this important educational program.

Sincerely,

Christopher V. Bensen, MD Travis Randolph, PA-C, ATC Course Directors

CME Support

Financial Support

This activity is supported, in part, by an educational grant from Ferring Pharmaceuticals, Inc.

This activity is supported, in part, by an educational grant from Zimmer Biomet.

In-Kind Support

Educational supplies for the Acute Care Splinting and Casting Workshop have been provided by an in-kind donation from CNF Medical.



General Information

ACCREDITATION STATEMENTS

The Galaxy 2018: Acute Care Splinting and Casting Workshop, offered June 27, 2018, has been reviewed and is approved for a maximum of 4.75 AAPA Category 1 CME credits by the AAPA Review Panel. PAs should claim only those hours actually spent participating in the CME activity.

The Galaxy 2018: Injections of Joints and Soft Tissue of the Musculoskeletal System: Upper and Lower Extremities Workshop, offered June 27, 2018, has been reviewed and is approved for a maximum of 3.75 AAPA Category 1 CME credits by the AAPA Review Panel. PAs should claim only those hours actually spent participating in the CME activity.

The Tenth Annual PA's Guide to the Musculoskeletal Galaxy General Course, offered June 28 - July 1, 2018, has been reviewed and is approved for a maximum of 25.25 AAPA Category 1 CME credits by the AAPA Review Panel. PAs should claim only those hours actually spent participating in the CME activity.

These programs were planned in accordance with AAPA's CME Standards for Live Programs and for Commercial Support of Live Programs.

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. Therefore, before prescribing any medication, please review the complete prescribing information including indications, contraindications, warnings, precautions, and adverse effects. The information presented is that of the contributing faculty and does not necessarily represent the views of AAPA, AAOS and/or any named commercial entity providing financial support.

ACCESSING ELECTRONIC HANDOUTS

Electronic handouts provided by conference faculty are available under "My Curriculum" in Learning Central.

To access the handouts:

- 1. Log in to Learning Central at cme.aapa.org using your AAPA username and password. If you don't know your user credentials, or are unable to log in, please contact cme@aapa.org.
- 2. Click the My Curriculum tab and select the Tenth Annual PA's Guide to the Musculoskeletal Galaxy General Course, Galaxy 2018: Acute Care Splinting
- and Casting Workshop, or Galaxy 2018: Injections of Joints and Soft Tissue of the Musculoskeletal System: Upper and Lower Extremities Workshop.
- 3. Click on the yellow Select or Resume button on the top right of the page.
- 4. Navigate to the Activity Material section and click on the PDFs to open the session handouts.

COMPLETING EVALUATIONS AND OBTAINING A CME CERTIFICATE

Your feedback helps us plan future conferences; therefore, your completion of a course evaluation is a prerequisite for a CME certificate. The course evaluation/CME certificate will be available in AAPA's Learning Central starting on Sunday, July 1, 2018. You will have until Tuesday, July 31, 2018, to complete the evaluation.

Please use the following steps to complete the course evaluation and receive your CME certificate:

- Log in to Learning Central at cme.aapa.org using your AAPA username and password. If you don't know your user credentials, or are unable to log in, please contact cme@aapa.org.
- Click the My Curriculum tab and select the Tenth Annual PA's Guide to the Musculoskeletal Galaxy General Course, Galaxy 2018: Acute Care Splinting and Casting Workshop, or Galaxy 2018: Injections
- of Joints and Soft Tissue of the Musculoskeletal System: Upper and Lower Extremities Workshop.
- 3. Click on the yellow Select or Resume button on the top right of the page.
- 4. Navigate to the Evaluation section and click on the Launch button to open and complete the survey.
- 5. View your certificate under My Transcript.

Agenda wednesday, June 27

PRE-COURSES: WEDNESDAY, JUNE 27		
6 a.m. – 6 p.m.	REGISTRATION	Level 2, Grand Ballroom Foyer
7 a.m. – 12 p.m.	Acute Care Splinting and Casting Workshop - Morning Session Thomas V. Gocke, MS, ATC, PA-C, DFAAPA; Daniel Acevedo, PA-C; Mike Harvey, PA-C, MBA; and Travis Randolph, PA-C, ATC	Level 2, Lafayette Ballroom
	 At the conclusion of this session, participants should be able to: Appropriately apply splint and cast-padding materials for swelling reduction and skin protection Apply basic acute care splints for common upper and lower extremity 	
	injuriesApply basic casts for common upper and lower extremity injuries	
8 a.m. – 12 p.m.	Injections of Joints and Soft Tissue of the Musculoskeletal System: Upper and Lower Extremities Workshop - Morning Session	Level 1, Audubon
	Mike Rudzinski, PA-C, RPh; Jason P. Amadeo, PA-C, MPAS; Arden Ballard, MS, PA-C; James Garrett LeBlanc, PA-C; and Bryan P. Seely, PA-C	
	At the conclusion of this session, participants should be able to:	
	 Discuss indications, contraindications, risks, benefits, materials, and proper technique of injection therapy 	
	 Identify common conditions of the upper and lower extremity that may benefit from injection therapy 	
	Demonstrate beginning competencies regarding the location and identification of important functional anatomical landmarks and correct needle placement for injection therapy	
1 – 5 p.m.	Injections of Joints and Soft Tissue of the Musculoskeletal System: Upper and Lower Extremities Workshop - Afternoon Session	Level 1, Audubon
	Mike Rudzinski, PA-C, RPh; Jason P. Amadeo, PA-C, MPAS; Arden Ballard, MS, PA-C; James Garrett LeBlanc, PA-C; and Bryan P. Seely, PA-C	
	At the conclusion of this session, participants should be able to:	
	 Discuss indications, contraindications, risks, benefits, materials, and proper technique of injection therapy 	
	 Identify common conditions of the upper and lower extremity that may benefit from injection therapy 	
	Demonstrate beginning competencies regarding the location and identification of important functional anatomical landmarks and correct needle placement for injection therapy	

1 – 6 p.m. Acute Care Splinting and Casting Workshop - Afternoon Session

Thomas V. Gocke, MS, ATC, PA-C, DFAAPA; Daniel Acevedo, PA-C; Mike Harvey, PA-C, MBA; and Travis Randolph, PA-C, ATC

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

- Appropriately apply splint and cast-padding materials for swelling reduction and skin protection
- Apply basic acute care splints for common upper and lower extremity injuries
- · Apply basic casts for common upper and lower extremity injuries

Level 2, Lafayette Ballroom

GENERAL COURSE: THURSDAY, JUNE 28			
6:30 a.m. – 5 p.m.	REGISTRATION	Level 2, Grand Ballroom Foyer	
7 – 8 a.m.	EXHIBITS AND CONTINENTAL BREAKFAST (Provided)	Level 2, Grand Ballroom Foyer	
8 – 8:15 a.m.	Welcome Remarks	Level 2, Grand Ballroom	
8:15 – 9:30 a.m.	Basics of Musculoskeletal Imaging Michael Friedman, MD	Level 2, Grand Ballroom	
	 At the conclusion of this session, participants should be able to: Discuss the basics of radiographic joint evaluation Describe the imaging options available for evaluating bone and joint pathology Discuss preferred ordering algorithms of radiologic exams 		
9:30 – 10:30 a.m.	The Language of Fractures Christopher V. Bensen, MD At the conclusion of this session, participants should be able to: Discuss basic fracture terminology and nomenclature Recognize common fracture patterns, morphology, and classification Describe appropriate treatment plans for common fractures	Level 2, Grand Ballroom	
10:30 – 10:45 a.m.	EXHIBITS/BREAK	Level 2, Grand Ballroom Foyer	
10:45 – 11:45 a.m.	Common Orthopaedic Conditions of the Knee Wendell M.R. Heard, MD At the conclusion of this session, participants should be able to:	Level 2, Grand Ballroom	

• Identify essential questions to ask during the medical interview of the

Perform fundamental physical exam maneuvers to diagnose knee injuries
Identify appropriate imaging studies and interpret them to aid in the

injured patient

11:45 a.m. – 12:45 p.m. EXHIBITS AND LUNCH (Provided)

diagnosis of knee injuries

Level 2, Grand Ballroom Foyer

12:45 - 2:45 p.m.

FIRST BREAKOUT SESSION

Do You See What I See? Commonly Missed Injuries of the Upper and Lower Extremity

Level 2, Grand Ballroom

Michael Friedman, MD and Wendell M.R. Heard, MD

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

- Discuss appropriate ordering algorithms for cross-sectional imaging, including MRI, CT, and US
- Using a case-based approach, discuss approaches to radiographic interpretation, including commonly missed injuries of the upper and lower extremity
- Using a case-based approach, identify the presentation, exam, work-up and treatment of commonly missed injuries of the upper and lower extremity

Emergency Room Treatment of Common Fractures

Level 1. Broadmoor

Mike Harvey, PA-C, MBA

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

- Explain the initial evaluation and management of common upper and lower extremity fractures
- Discuss the reduction techniques for upper and lower extremity fractures and dislocations
- Explain appropriate splint utilization for upper and lower extremity injuries

Lower Extremity and L-Spine Physical Exam Techniques

Level 2, Lafayette Ballroom

Daniel Acevedo, PA-C; James Garrett LeBlanc, PA-C; and Bryan P. Seely, PA-C

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

- Complete a physical exam of the lower extremity from hip to foot from an orthopaedic surgery perspective
- Complete a physical exam of the lumbosacral spine as it pertains to acute and chronic back injuries
- · Develop a differential diagnosis based on physical exam findings

Upper Extremity and C-Spine Physical Exam Techniques

Level 1, Audubon

Travis Randolph, PA-C, ATC; Arden Ballard, MS, PA-C; and Thomas V. Gocke, MS, ATC, PA-C, DFAAPA

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

- Perform a thorough physical exam for an upper extremity or C-spine injury
- Utilize orthopaedic special tests to help diagnose an upper extremity or C-spine injury
- Recognize any range of motion deficits throughout the upper extremity or C-spine
- Identify history questions that can help you formulate a differential diagnosis

2:45 – 3 p.m.	EXHIBITS/BREAK	Level 2, Grand Ballroom Foyer
2.45 – 5 p.m.	EARIDITS/ DREAK	Lever 2, Grand Ball Oom royel
3 – 5 p.m.	SECOND BREAKOUT SESSION	
	Do You See What I See? Commonly Missed Injuries of the Upper and Lower Extremity	Level 2, Grand Ballroom
	Emergency Room Treatment of Common Fractures	Level 1, Broadmoor
	Lower Extremity and L-Spine Physical Exam Techniques	Level 2, Lafayette Ballroom
	Upper Extremity and C-Spine Physical Exam Techniques	Level 1, Audubon
5 – 6 p.m.	EXHIBITS AND WELCOME RECEPTION	Level 2, Grand Ballroom Foyer

GENERAL COURSE: FRIDAY, JUNE 29			
7 a.m. – 5 p.m.	REGISTRATION	Level 2, Grand Ballroom Foyer	
7 – 8 a.m.	EXHIBITS AND CONTINENTAL BREAKFAST (Provided)	Level 2, Grand Ballroom Foyer	
8 – 9 a.m.	Common Orthopaedic Conditions of the Shoulder Christopher V. Bensen, MD At the conclusion of this session, participants should be able to: Recognize common acute and chronic injuries and degenerative conditions of the shoulder Formulate differential diagnosis for patients with shoulder symptoms Recommend treatment plans for commonly encountered conditions of the shoulder	Level 2, Grand Ballroom	
9 – 10 a.m.	From Benign to Bad: How to Deal with Common Orthopaedic Conditions of the Elbow Josef K. Eichinger, MD At the conclusion of this session, participants should be able to: Identify and manage elbow dislocations and their sequelae Identify and treat common sources of elbow pain and injuries in athletes Accurately diagnose partial and complete distal biceps tendon injuries Implement injury avoidance strategies for overhead throwers	Level 2, Grand Ballroom	
10 – 10:15 a.m.	EXHIBITS/BREAK	Level 2, Grand Ballroom Foyer	

Agenda FRIDAY, JUNE 29

10:15 – 11:15 a.m.	Common Orthopaedic Conditions of the Wrist and Hand Gleb Medvedev, MD	Level 2, Grand Ballroom
	 At the conclusion of this session, participants should be able to: Assess an injury to the hand or wrist and formulate a diagnosis Discuss the pathology of common conditions in the hand and wrist Discuss treatment options for common conditions of the hand and wrist 	
11:15 a.m. – 12:45 p.m.	LUNCH (On Your Own) Please visit the registration desk for a list of nearby restaurants.	
12:45 – 2:45 p.m.	THIRD BREAKOUT SESSION	
	Do You See What I See? Commonly Missed Injuries of the Upper and Lower Extremity	Level 2, Grand Ballroom
	Emergency Room Treatment of Common Fractures	Level 1, Broadmoor
	Lower Extremity and L-Spine Physical Exam Techniques	Level 2, Lafayette Ballroom
	Upper Extremity and C-Spine Physical Exam Techniques	Level 1, Audubon
2:45 – 3 p.m.	BREAK	Level 2, Grand Ballroom Foyer
3 – 5 p.m.	FOURTH BREAKOUT SESSION	
	Do You See What I See? Commonly Missed Injuries of the Upper and Lower Extremity	Level 2, Grand Ballroom
	Emergency Room Treatment of Common Fractures	Level 1, Broadmoor
	Lower Extremity and L-Spine Physical Exam Techniques	Level 2, Lafayette Ballroom
	Upper Extremity and C-Spine Physical Exam Techniques	Level 1, Audubon
6 – 7:30 p.m.	PRODUCT THEATER Procedure and Practice Injection Workshop This is a promotional workshop that is not eligible for CME credit. Separate registration required.	Level 2, Grand Ballroom

Agenda saturday, June 30

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7 a.m. – 5 p.m.	REGISTRATION	Level 2, Grand Ballroom Foye
7 – 8 a.m.	CONTINENTAL BREAKFAST (Provided)	Level 2, Grand Ballroom Foye
8 – 9 a.m.	Hip Pain: A Focused Approach	Level 2, Grand Ballroom
	Rick Schultz, MD	
	At the conclusion of this session, participants should be able to:	
	Discuss the strategy for efficient triage of pain around the hip	
	Discuss the logic of stepwise diagnosis and treatment of intra-articular sources of hip pain	
	Discuss the logic of stepwise diagnosis and treatment of the back as the source of hip pain	
	Discuss the logic of stepwise diagnosis and treatment of the greater trochanter area as the source of hip pain	
	Identify selected options for surgical treatment of intra-articular sources of hip pain	
9 – 10 a.m.	Common Orthopaedic Conditions of the Foot and Ankle	Level 2, Grand Ballroom
	Ramon Rodriguez, MD	
	At the conclusion of this session, participants should be able to:	
	Properly assess common foot and ankle problems	
	Diagnose common foot and ankle problems	
	Discuss treatment of common foot and ankle problems	
10 – 10:15 a.m.	BREAK	Level 2, Grand Ballroom Foye
10:15 – 11:15 a.m.	Total Hip and Knee Replacement for the PA in Orthopaedics: Busting the Myths	Level 2, Grand Ballroom
	Harry A. Demos, MD	
	At the conclusion of this session, participants should be able to:	
	Discuss indications for and contraindications against total joint replacement surgery	
	Provide education to patients and answer their questions	
	Discuss bearing surface options and their impact on implant longevity	
	Discuss steps to minimize risks and improve outcomes after total joint replacement	
11:15 a.m. – 12:15 p.m.	Orthopaedic (Total Joint) Infections: Prevention, Diagnosis, and Management	Level 2, Grand Ballroom
	Harry A. Demos, MD	
	At the conclusion of this session, participants should be able to:	
	Identify risk factors for infection and strategies for risk modification	
	Discuss the utility of commonly used tests for the diagnosis of infection	
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Agenda saturday, June 30

12:15 – 1:15 p.m.	LUNCH (Provided)	Level 2, Grand Ballroom Foyer
1:15 – 3:15 p.m.	Orthopaedic Reimbursement and Calculating PA/NP Productivity Tricia Marriott, PA-C, MPAS, MJ Health Law, CHC, DFAAPA	Level 2, Grand Ballroom
	At the conclusion of this session, participants should be able to:	
	 Dispel common myths and misunderstandings regarding billing and reimbursement through review of Medicare and commercial payer policies 	
	 Describe opportunities to maximize utilization of PAs and APRNs in the orthopaedic practice 	
	 Calculate the return on investment/contribution margin when services are provided by PAs/APRNs 	
	 Calculate the financial contribution to the global surgical package for care provided by PAs/APRNs 	
3:15 – 3:30 p.m.	BREAK	Level 2, Grand Ballroom Foyer
3:30 – 5 p.m.	Orthopaedic Panel Discussion: Case Studies and Audience Questions Travis Randolph, PA-C, ATC; Christopher V. Bensen, MD; Harry A. Demos, MD; Thomas V. Gocke, MS, ATC, PA-C, DFAAPA; and Mike Harvey, PA-C, MBA	Level 2, Grand Ballroom
	At the conclusion of this session, participants should be able to:	
	Identify appropriate imaging/testing in complex orthopaedic cases	
	 Discuss operative vs. non-operative treatment in complex orthopaedic cases 	
	Discuss initial management of complex orthopaedic cases	

Agenda sunday, July 1

GENERAL COURSE: SUNDAY, JULY 1			
7 a.m. – 12 p.m.	REGISTRATION	Level 2, Grand Ballroom Foyer	
7 – 8 a.m.	CONTINENTAL BREAKFAST (Provided)	Level 2, Grand Ballroom Foyer	
8 – 9 a.m.	Common Orthopaedic Conditions of the Spine	Level 2, Grand Ballroom	
	Mathew Cyriac, MD, MBA		
	At the conclusion of this session, participants should be able to:		
	• Evaluate and treat patients with cervical myelopathy and radiculopathy		
	Evaluate and treat patients with common lumbar conditions		
	 Identify how to differentiate neck vs. shoulder pain 		
	 Identify how to differentiate hip vs. low back pain 		
9 – 10:15 a.m.	Staying Out of Trouble in Pediatric Orthopaedics	Level 2, Grand Ballroom	
	Steven D. Gibbons, MD		
	At the conclusion of this session, participants should be able to:		
	Recognize signs of hip dysplasia		
	 Identify when to refer common gait problems 		
	Discuss the basics of pediatric fracture care		
10:15 – 11:30 a.m.	Evaluation of the Injured Athlete	Level 2, Grand Ballroom	
	Christopher V. Bensen, MD and Travis Randolph, PA-C, ATC		
	At the conclusion of this session, participants should be able to:		
	 Recognize sports medicine injuries and illnesses that are seen when covering athletic events 		
	 Discuss sideline evaluation of closed head injuries and appropriate management 		
	• Identify rehabilitation exercises for non-operative orthopaedic injuries		
	• Discuss the purpose of pre-participation screenings in athletics		
11:30 – 11:45 a.m.	Closing Remarks	Level 2, Grand Ballroom	

Faculty

Daniel Acevedo, PA-C

OrthoVirginia

Lynchburg, VA

Disclosures: No relevant commercial relationships to disclose

Jason P. Amadeo, PA-C, MPAS

Louisiana State University Health Science Center

New Orleans, LA

Disclosures: No relevant commercial relationships to disclose

Arden Ballard, MS, PA-C

Ochsner Health System

New Orleans, LA

Disclosures: No relevant commercial relationships to disclose

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Keys Medical Group, Lower Keys Medical Center

Key West, FL

Disclosures: No relevant commercial relationships to disclose

Matthew Cyriac, MD, MBA

Tulane University School of Medicine

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Disclosures: No relevant commercial relationships to disclose

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Orthopaedic Educational Services, Inc.

Boone, NC

Disclosures: President, Founder, Royalties, Stock, and

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Consultant - Ferring Pharmaceuticals

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Disclosures: Board Member - Physician Assistants in

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West Virginia University

Morgantown, WV

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Ramon Rodriguez, MD

Tulane University School of Medicine

New Orleans, LA

Disclosures: No relevant commercial relationships to disclose

Mike Rudzinski, PA-C, RPh

Buffalo VA Medical Center

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Disclosures: No relevant commercial relationships to disclose

Rick Schultz, MD

Texas A&M Health Science Center

Round Rock, TX

Disclosures: No relevant commercial relationships to disclose

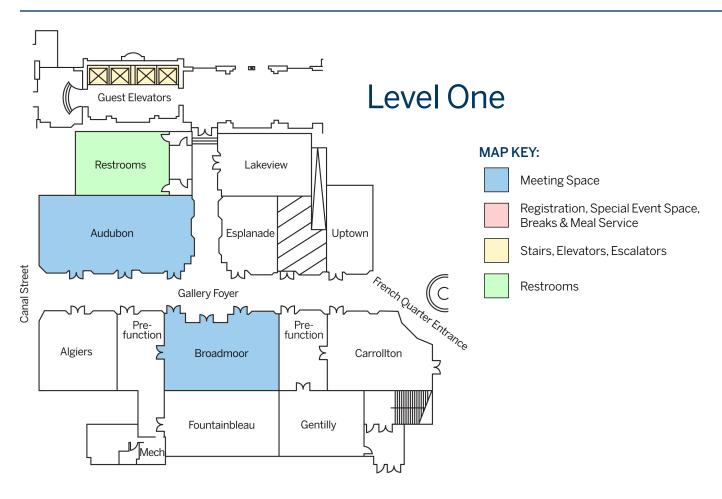
Bryan P. Seely, PA-C

Tulane Medical School

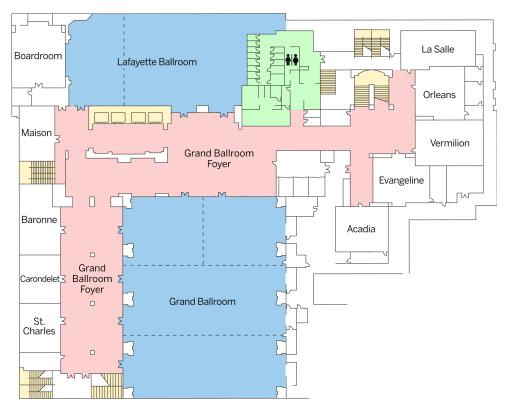
New Orleans, LA

Disclosures: No relevant commercial relationships to disclose

The Ritz-Carlton, New Orleans Floor Plan



Level Two



SAVE THE DATE!

PA'S GUIDE TO THE MUSCULOSKELETAL GALAXY

JUNE 25-29, 2019 | NASHVILLE, TN

REGISTRATION OPENS IN EARLY 2019





Notes	
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Special Thanks

AAPA and AAOS would like to thank the following companies for sponsoring The Tenth Annual PA's Guide to the Musculoskeletal Galaxy!



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