

October 13 - 15, 2022 Encore at Wynn[®] Las Vegas Las Vegas, Nevada

19.75 AMA PRA Category 1 Credit(s)™



October 13 - 15, 2022 | Las Vegas, Nevada

COURSE CHAIRS



JOAQUIN SANCHEZ-SOTELO, MD, PhD Mayo Clinic



GRANT E. GARRIGUES, MDMidwest Orthopaedics at RUSH

JOINUS IN LAS VEGAS!

On behalf of the Foundation for Orthopaedic Research and Education (FORE) and our fellow esteemed Faculty, it is our pleasure to announce the inaugural Critical Concepts in Shoulder & Elbow Surgery Course scheduled for October 13–15, 2022 at the Encore at Wynn® Las Vegas in Las Vegas, NV.

Shoulder and elbow conditions may be focused anatomically, but the pathologies encountered in these two joints and their respective treatments could not be more diverse: from irreparable cuff tears to sports injuries; arthroscopy, arthroplasty, and fracture management; biologics; advanced technology, you name it! The field is so wide that a focused review on what's really critical and what you really need to know, is very helpful.

Learn from world-class Faculty with three days of didactic presentations, interactive case-based panel discussions, video vignettes highlighting surgical techniques, and industry-sponsored sessions. The comprehensive educational agenda will include:

- Fractures of the clavicle, shoulder, and elbow
- Management of sport shoulder and elbow injuries
- The whole spectrum of rotator cuff tears, including salvage options
- Anatomic and reverse shoulder arthroplasty: when, why, and how!

We look forward to seeing you in Las Vegas for a focused review of critical concepts that simply cannot be missed!

Joaquin Sanchez-Sotelo, MD, PhD

Grant E. Garrigues, MDCourse Chair

Course Chair

COURSE FACULTY

Joseph Abboud, MD

Rothman Orthopaedic Institute Philadelphia, PA

Oke A. Anakwenze, MD, MBA

Duke University Health System Durham, NC

Jon D. Barlow, MD

Mayo Clinic Rochester, MN

Julie Bishop, MD

Ohio State University Wexner Medical Center Columbus. OH

Peter N. Chalmers, MD

University of Utah Salt Lake City, UT

Nickolas G. Garbis. MD

Loyola University Medical Center Maywood, IL

Grant E. Garriques, MD

Midwest Orthopaedics at RUSH Chicago. IL

Robert J. Gillespie, MD

University Hospitals Ahuja Medical Center Cleveland. OH

Robert Hartzler, MD

TSAOG Orthopaedics & Spine San Antonio, TX

Evan S. Lederman, MD

Banner Health; University of Arizona College of Medicine Phoenix Phoenix, AZ

Raffy Mirzayan, MD

Kaiser Permanente Baldwin Park, CA

Gregory Nicholson, MD

Rush University Medical Center Chicago, IL

Marc Richard, MD

Duke University Medical Center Durham. NC

Vani J. Sabesan, MD

Atlantis Orthopaedics - HCA Florida Palm Beach, FL

Joaquin Sanchez-Sotelo, MD, PhD

Mayo Clinic Rochester, MN

Robert Z. Tashjian, MD

University of Utah School of Medicine Salt Lake City, UT

Eric R. Wagner, MD

Emory University Atlanta. GA

Brian R. Waterman, MD

Wake Forest University School of Medicine Winston Salem. NC



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PROGRAM

Thursday, October 13, 2022		Thursday, October 13, 2022 (Continued)		Thursday, October 13, 2022 (Continued)	
SHOULDER TRAUMA AND ELBOW SURGERY		10:10 AM - 11:05 AM	Proximal Humerus Fractures	12:30 PM - 1:30 PM	Industry-Sponsored Luncheon ♦
7:00 AM - 8:00 AM	Registration & Breakfast with Exhibitors	10:10 AM	Debate: I'm a Nihilist - Non-Op for Everyone		Symposium Opportunity TBD
8:00 AM - 8:05 AM	Welcome & Introductions		Over 65 Robert Z. Tashjian, MD		Sponsored by TBD
	Grant E. Garrigues, MD Joaquin Sanchez-Sotelo, MD, PhD	10:18 AM	Debate: Are You Kidding? You Cannot Ignore	1:30 PM - 2:00 PM	Break With Exhibitors
8:05 AM - 8:50 AM	AC/SC Injuries		These Fracture Patterns Nickolas G. Garbis. MD	2:00 PM - 3:50 PM	Elbow Trauma
8:05 AM	SC Joint Injuries; How I Evaluate and Treat <i>Jon D. Barlow, MD</i>	10:26 AM	Top Pearls: Don't Give Up on That Humeral Head! I Can Fix These with a Plate and Screws and	2:00 PM	A Case-Based Discussion of Terrible Triad, Coronoid Fractures, Ulnar Fractures
8:13 AM	Video: SC Joint Reconstruction Joaquin Sanchez-Sotelo, MD, PhD		Here's How Jon D. Barlow, MD		Moderator: Jon D. Barlow, MD Panelists:
8:21 AM	Case-Based Discussion of AC Joint Injuries and Audience Q&A <i>Moderator:</i> Raffy Mirzayan, MD	10:34 AM	Top Pearls: We Nail Proximal Femur Fractures, Don't We? Grant E. Garrigues, MD		Marc Richard, MD Nickolas G. Garbis, MD Robert J. Gillespie, MD Vani J. Sabesan, MD
	Panelists: Nickolas G. Garbis, MD	10:42 AM	Video: Reverse for Fracture Robert Z. Tashjian, MD		Show Me Your Tips and Tricks! Surgical Video Session
	Eric R. Wagner, MD Robert J. Gillespie, MD	10:50 AM	Audience Q&A/Catch-up		Jon D. Barlow, MD
	Grant E. Garrigues, MD	4.05.44.00.44	Grant E. Garrigues, MD	3:00 PM	Radial Head Replacement Joaquin Sanchez-Sotelo, MD, PhD
8:50 AM - 9:50 AM	Clavicle Fractures	11:05 AM - 11:33 AM	Humeral Shaft Fractures	0.40 DM	
8:50 AM	When a Sling Is Enough Oke A. Anakwenze, MD, MBA	11:05 AM	Non-Op for Me and My Patients - Here's How to Do It	3:10 PM	Internal Fixation of a Distal Humerus Fracture Marc Richard, MD
8:58 AM	Midshaft Clavicle Fractures: My Approach Evan S. Lederman, MD	11:13 AM	Julie Y. Bishop, MD Tips and Tricks for Finding the Radial Nerve	3:20 PM	Elbow Arthroplasty for Fracture Joaquin Sanchez-Sotelo, MD, PhD
9:06 AM	Non-union and Malunion: Managing Clavicle		Quickly and Safely Marc Richard, MD		Audience Q&A/Catch-up Jon D. Barlow, MD
	Fracture Complications Robert J. Gillespie, MD	11:21 AM	Humeral Shaft Plating Tips and Tricks:	3:50 PM - 4:10 PM	Break with Exhibitors
9:14 AM	Case-Based Discussion of Lateral Clavicle		When to Go Anterior or Posterior Jon D. Barlow, MD	4:10 PM - 5:30 PM	Elbow Sports
	Fractures and Audience Q&A Moderator: Oke A. Anakwenze, MD, MBA Panelists:	11:33 AM - 12:00 PM	Putting It All Together Case-Based Discussion of Proximal Humerus and Humeral Shaft Fractures	4:10 PM	What's New in MCL Reconstruction for the Overhead Athlete? Brian R. Waterman, MD
	Vani J. Sabesan, MD Julie Y. Bishop, MD Evan S. Lederman. MD		Moderator: Jon D. Barlow, MD Panelists:		Biceps Debate with Surgical Technique Video Brian R. Waterman, MD
9:50 AM - 10:10 AM	Oke A. Anakwenze, MD, MBA Break With Exhibitors		Robert Z. Tashjian, MD Nickolas G. Garbis, MD Oke A. Anakwenze, MD, MBA	4:20 PM	How I Do a 1-Incision Biceps Repair Raffy Mirzayan, MD

12:00 PM - 12:30 PM Break with Exhibitors

Robert Hartzler, MD



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Thursday, October 13, 2022 (Continued)		Friday, October 14, 2022		Friday, October 14, 2022 (Continued)	
4:30 PM	How I Do a 2-Incision Biceps Repair Robert Hartzler, MD	SHOULDER INSTABILITY AND ROTATOR CUFF TEARS		9:17 AM	Case-Based Discussion of Anterior Instability
		7:00 AM - 8:00 AM	Breakfast With Exhibitors		Moderator: Brian R. Waterman, MD Panelists: Eric R. Wagner, MD Raffy Mirzayan, MD Vani J. Sabesan, MD Gregory Nicholson, MD
	Biceps Debate with Surgical Technique Video Brian R. Waterman, MD	8:00 AM - 8:05 AM	Welcome & Housekeeping Grant E. Garrigues, MD		
4:40 PM	Biceps Debate with Surgical Technique Video Now Let's Argue: Which One Is Better? Moderator: Brian R. Waterman, MD Panelists: Raffy Mirzayan, MD Robert Hartzler, MD	8:05 AM - 8:37 AM	Shoulder Instability		
		8:05 AM	Physical Exam of the Unstable Shoulder: Pearls to Guide Diagnosis and Treatment Brian R. Waterman, MD Management of the First-Time Dislocator without Bone Loss	9:37 AM - 9:57 AM	Break With Exhibitors
				9:57 AM - 10:52 AM	Posterior Instability
				9:57 AM	Diagnosis and Management of Posterior Instabilit
4:50 PM Elbow Arthroscopy: Teach Me How	Elbow Arthroscopy: Teach Me How to Do It			J.JI AW	without Bone Loss
	Raffy Mirzayan, MD	8:13 AM	Debate: The Results Are Best Right Away -		Evan S. Lederman, MD
5:05 PM	Elbow OCD: When to Do What Marc Richard, MD		Get 'ER Done! Oke A. Anakwenze, MD, MBA	10:05 AM	Posterior Instability with Bone Loss Nickolas G. Garbis, MD
5:15 PM	Case-Based Discussion of Elbow Sports Cases and Audience Q&A Moderator: Raffy Mirzayan, MD Panelists: Brian R. Waterman, MD Robert Hartzler, MD Marc Richard, MD	8:21 AM	Debate: They Get 1 Free Pass - I Don't Want to Overtreat Vani J. Sabesan, MD	10:13 AM	Video Demonstration: Posterior Bone Block Joaquin Sanchez-Sotelo, MD, PhD
		8:29 AM	What Is the Optimal Non-Op Treatment for Shoulder Instability? When and How Robert Hartzler, MD	Posterior Instability <i>Moderator: Grant E. Garrigues, MD Panelists:</i>	Moderator:
		8:37 AM - 9:37 AM	Bone Loss		Panelists: Joseph Abboud, MD Robert J. Gillespie, MD Julie Bishop, MD Raffy Mirzayan, MD
5:30 PM	Adjourn for the Day Grant E. Garrigues, MD	8:37 AM	When Is a Labral Repair Not Enough? Evaluation of Bone Loss and Patient Factors		
5:30 PM - 6:30 PM	Welcome Reception		Brian R. Waterman, MD	10:52 AM - 11:30 AM	
		8:45 AM	Management of the Hill Sach Lesion: Ignore? Remplissage? Something Else? Julie Y. Bishop, MD	10:52 AM	Truly Understanding MDI Robert Z. Tashjian, MD
		8:53 AM	Open Latarjet: Data-Driven and Time-Tested Raffy Mirzayan, MD	11:00 AM	Video Technique: Open Capsular Shift with Achilles Augmentation for Ehlers Danlos
		9:01 AM	Technique Review: Arthroscopic Latarjet Grant E. Garrigues, MD	11:08 AM	Joaquin Sanchez-Sotelo, MD, PhD Understanding the Throwing Shoulder
		9:09 AM	Distal Tibial Allograft: Not Just for Failed Latarjet		Evan S. Lederman, MD

Brian R. Waterman, MD



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2:08 PM

Technique Review: Rotator Cuff Repair with

Allograft Augmentation Nickolas G. Garbis, MD

Friday, October 14, 2022 (Continued)		Friday, October 14, 2022 (Continued)		Friday, October 14, 2022 (Continued)	
11:16 AM	Case-Based Discussion of Difficult Instability Cases and Audience Q&A Moderator: Eric R. Wagner, MD Panelists: Evan S. Lederman, MD Robert Z. Tashjian, MD Peter N. Chalmers, MD Gregory Nicholson, MD -12:00 PM Break With Exhibitors 1-12:45 PM Industry-Sponsored Luncheon ◆ Symposium Opportunity	2:16 PM	Debate: Isolated Subscap Tear - All Arthroscopic Evan S. Lederman, MD	3:59 PM	Case-Based Discussion of Complications After Rotator Cuff Repair Moderator: Jon D. Barlow, MD Panelists: Evan S. Lederman, MD Joaquin Sanchez-Sotelo, MD, PhD Gregory Nicholson, MD Robert Hartzler, MD
		2:24 PM	Debate: Isolated Subscap Tear - Why Bother? Just Do It Open Julie Y. Bishop, MD Case-Based Discussion of Complex Rotator Cuff Repair and Audience Q&A Moderator: Julie Bishop, MD Panelists: Vani J. Sabesan, MD Nickolas G. Garbis, MD Evan S. Lederman, MD Brian R. Waterman, MD		
		2:32 PM			
11:30 AM - 12:00 PM				4:24 PM - 4:40 PM	The Irreparable Subscapularis
12:00 PM - 12:45 PM				4:24 PM	Pec Major Transfer: Pearls and Pitfalls Eric R. Wagner, MD
	TBD Sponsored by TBD			4:32 PM	Technique Review: Lat Transfer - Is It Really
12:45 PM - 1:15 PM	Break With Exhibitors	2:45 PM - 3:21 PM	Biceps in the Setting of RCR		That Easy? Peter N. Chalmers, MD
1:15 PM - 2:00 PM	The Repairable Cuff	2:45 PM	Debate: Suprapec Is My Choice for	4:40 PM - 5:45 PM	The Irreparable Posterosuperior Cuff
1:15 PM	How Do I Decide if a Cuff Is Repairable? Joseph Abboud, MD		Biceps Tenodesis Oke A. Anakwenze, MD, MBA	4:40 PM	SCR: Current Data and Indications Evan S. Lederman, MD
1:23 PM	When Do I Use Augments and Biologics? Robert J. Gillespie, MD	2:53 PM	Debate: Subpec Is the Reliable Way to Go Brian R. Waterman, MD	4:48 PM	Technique Video: SCR Grant E. Garrigues, MD
1:31 PM	Debate: Single-Row Repair Robert Z. Tashjian, MD	3:01PM	Video: All-Arthroscopic Only Technique for Biceps Tenodesis Grant E. Garrigues, MD	4:56 PM	Lower Trap Transfer: Current Data and Indications Peter N. Chalmers, MD
1:39 PM	Debate: Double-Row Repair Jon D. Barlow, MD	3:09 PM	Cased-Based Discussion of Biceps Cases and Audience Q&A	5:04 PM	Technique Review: Lower Trap Transfer Joaquin Sanchez-Sotelo, MD, PhD
1:47 PM	Case-Based Discussion of Rotator Cuff Repair and Audience Q&A		Moderator: Oke A. Anakwenze, MD, MBA	5:12 PM	The Balloon Is Here: What You Need to Know Joseph Abboud, MD
	Moderator: Joaquin Sanchez-Sotelo, MD, PhD Panelists:		Panelists: Eric R. Wagner, MD Vani J. Sabesan, MD	5:20 PM	Case-Based Discussion of Massive Cuff Tears Moderator:
	Jon D. Barlow, MD Robert Z. Tashjian, MD Robert J. Gillespie, MD Joseph Abboud, MD 3:5	3:21 PM - 3:51 PM	Break With Exhibitors Management After RCR		Peter N. Chalmers, MD Panelists: Evan S. Lederman, MD Nickolas G. Garbis, MD
		3:51 PM - 4:24 PM			
0.00 DM 0.45 DM		3:51 PM	Optimizing RCR Rehab: The Data and My Approach Julie Y. Bishop, MD		Raffy Mirzayan, MD Brian R. Waterman. MD
2:00 PM - 2:45 PM	Complex Cuff Repair			5:45 PM	Adjourn for the Day
2:00 PM	Technique Review: Getting It Over - Releases for Massive, Contracted Cuff Tears Vani J. Sabesan, MD			5.701 W	Joaquin Sanchez-Sotelo, MD, PhD



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Saturday, October 15, 2022		Saturday, October 15, 2022 (Continued)		Saturday, October 15, 2022 (Continued)	
THE SHOULDER ARTHROPLASTY DAY		10:00 AM - 10:30 AM Break With Exhibitors		1:45 PM	Reverse Arthroplasty: Impingement-Free
7:00 AM - 7:55 AM	Breakfast With Exhibitors	10:30 AM - 12:00 PM	Reverse Shoulder Arthroplasty		ROM vs Soft-Tissue Tension Robert Z. Tashjian, MD
7:55 AM - 8:00 AM	Welcome & Housekeeping Joaquin Sanchez-Sotelo, MD, PhD	10:30 AM	Medialized, Lateralized, Onlay, Inlay - Too Many Options, Can You Help Me Understand?	1:55 PM	How to Maximize Internal Rotation in RSA Brian R. Waterman, MD
8:00 AM - 10:00 AM	Anatomic Total Shoulder Arthroplasty	40.40.414	Joaquin Sanchez-Sotelo, MD, PhD	2:05 PM	Lack of Active External Rotation:
8:00 AM	Glenoid Exposure: Let Me Show You My Tricks (Video)	10:40 AM	How to Optimize Reverse Shoulder Arthroplasty in 2022 Robert Z. Tashjian, MD		Are Transfers Needed? When and How Robert J. Gillespie, MD
	Jon D. Barlow, MD	10:50 AM	Lack of Preoperative External Rotation: When Are Tendon Transfers Needed? Julie Bishop, MD	2:15 PM	Video: Tendon Transfers With RSA Joaquin Sanchez-Sotelo, MD, PhD
	Debate: Short Stem vs Stemless Components in Anatomic Total Shoulder Arthroplasty			2:25 PM	Case-Based Discussion of Technology/
8:10 AM	Short Stems in Shoulder Arthroplasty Oke A. Anakwenze, MD, MBA	11:00 AM	Re-Live Surgery: Lat Dorsi Transfer in the Setting of Reverse Arthroplasty		Techniques for Shoulder Arthroplasty and Audience Q&A <i>Moderator:</i>
8:20 AM	Stemless Implants in Shoulder Arthroplasty Robert J. Gillespie, MD	11:10 AM	Eric R. Wagner, MD Case-Based Discussion of Reverse Shoulder		Gregory Nicholson, MD Panelists:
	Augmented Anatomic Glenoid Components Joseph Abboud, MD	11.107 (11)	Arthroplasty and Audience Q&A Moderator: Nickolas G. Garbis, MD		Robert Z. Tashjian, MD Brian R. Waterman, MD Robert J. Gillespie, MD
8:30 AM	When to Use It and How to Preoperative Plan For It Robert Hartzler, MD		Panelists: Joaquin Sanchez-Sotelo, MD, PhD Robert Z. Tashjian, MD	2:45 PM - 3:15 PM	Joaquin Sanchez-Sotelo, MD, PhD Complications: Show Me 1 Example and
8:40 AM	Waste of Time! Use a Reverse or Implant TSA in Retroversion		Julie Bishop, MD Eric R. Wagner, MD	2.401 111 0.101 111	How You Solved It Moderator: Robert Hartzler, MD
8:50 AM	Gregory Nicholson, MD Case-Based Discussion of Anatomic TSA	11:35 AM	Case-Based Discussion of the Difficult Reverse Shoulder Arthroplasty	2:45 PM	Dislocated Reverse Vani J. Sabesan, MD
	and Audience Q&A Moderator:		Moderator: Robert Z. Tashjian, MD Panelists:	2:55 PM	Fracture of the Spine of the Scapula Peter N. Chalmers, MD
	Joseph Abboud, MD Panelists: Grant E. Garrigues, MD		Evan S. Lederman, MD Robert Hartzler, MD Eric R. Wagner, MD	3:05 PM	Complex Humeral Revision Eric R. Wagner, MD
	Robert Hartzler, MD Gregory Nicholson, MD Oke A. Anakwenze, MD, MBA	12.00 PM 12.20 PM	Grant E. Garrigues, MD Break With Exhibitors	3:15 PM	Complex Glenoid Revision Gregory Nicholson, MD
9:20 AM	Case-Based Discussion of the Difficult Anatomic Total Shoulder Arthroplasty Moderator: Julie Bishop, MD	12:30 PM - 1:15 PM	Industry-Sponsored Luncheon ♦ Symposium Opportunity TBD Sponsored by TBD	3:25 PM	Review of the Day and Audience Q&A Moderator: Joaquin Sanchez-Sotelo, MD, PhD
				3:45 PM	Closing Remarks Grant E. Garrigues, MD
	Panelists: Oke A. Anakwenze, MD, MBA	1:15 PM - 1:45 PM	Break With Exhibitors	3:50 PM	Course Adjourns Joaquin Sanchez-Sotelo, MD, PhD
	Vani J. Sabesan, MD Peter N. Chalmers, MD Robert Z. Tashjian, MD	1:45 PM - 3:50 PM	From Planning to Execution: The New Toys in the Store		Faculty & topics subject to chan

Faculty & topics subject to change.

[◆] Session not accredited for AMA PRA Category 1 Credit(s)™



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Target Audience

Orthopaedic surgeons, fellows, residents, physician assistants, physical therapists, and other healthcare professionals whose scope of practice includes surgical and non-surgical management of shoulder and elbow injuries and disorders.

Learning Objectives

- Evaluate diagnostic options and develop treatment strategies for shoulder injuries including instability, rotator cuff injuries, and labral tears
- Evaluate rotator cuff repair options for different patient categories; understand and evaluate the benefits
 associated with various rotator cuff repair techniques (single-vs. double-row, knot vs. knotless, and the use
 of augmentation devices)
- Compare the various treatment options for massive, retracted, and irreparable rotator cuff tears; consider repair strategies that optimize outcomes for failed rotator cuff repairs
- Compare diagnostic and treatment options for anterior, posterior, and multi-directional instability; understand surgical options in managing glenoid bone loss in shoulder instability
- Apply the latest and current treatment techniques in sports medicine and orthopaedic practice
- Compare treatment and management options for shoulder arthroplasty patients; understand differences and potential benefits between hemiarthroplasty, anatomic total shoulder arthroplasty, and reverse shoulder arthroplasty
- Implement the latest, cutting-edge techniques and technologies
- Identify strategies to improve outcomes of shoulder fractures and dislocation

Accreditation Statement

The Foundation for Orthopaedic Research & Education (FORE) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. FORE designates this live activity for a maximum of 19.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Planning Committee

DEREK PUPELLO FORF **LETTY CARROLL**

FSI

REGISTRATION (In Person & Virtual)

REGISTRATION TYPE	
Physicians	\$1,195.00
Residents	\$695.00
Fellows	\$695.00
Allied Health (Nurse, NP, PA, PT, PharmD)	\$695.00

MEETING LOCATION & ACCOMMODATIONS

Encore at Wynn® Las Vegas

SPACE IS LIMITED - RESERVE TODAY

Visit fore.edusymp.com and search FORES22 to visit the accommodations page for additional hotel information and to BOOK ONLINE. Or call (866) 770-7555 and provide Group Code: 6ESI1122 to receive the group discount.

Deluxe Resort Guestroom \$249.00/nt Each additional person over double occupancy is \$50.00 per night.

Two Queens \$299.00/nt (upon availability)

Group room rates may be available 3 days prior and after meeting, subject to availability and confirmation by the hotel.

Hotel cut-off date:

September 12, 2022, 5:00 pm PST

Daily Resort Fee: \$35.00 plus 13.38% tax

Hotel Tax: 13.38%



Deposit Policy: Credit cards will be charged first night room and tax charges at time of reservation.

Cancellation Policy: All cancellations, arrival, and departure date changes must be made 72 hours or more prior to scheduled arrival date/time to avoid penalties. Check in time is: 3:00 PM; check out time is 12:00 PM.

3131 Las Vegas Blvd, South Las Vegas, Nevada 89109 PH: (702) 770-7000