ELEVATE YOUR PRACTICE: LEARN FROM THE EXPERTS

AGENDA

15TH ANNUAL TOBI ORTHOBIOLOGIC SYMPOSIUM

DIDACTICS:
JUNE 15, 2024
10-HOUR WEBINAR

FULL-DAY LAB:
JUNE 20, 2024
VITICUS CENTER, LAS VEGAS

SYMPOSIUM:
JUNE 21–22, 2024
CAESARS PALACE, LAS VEGAS

REGISTER TODAY AT TOBICONFERENCE.COM
OR SCAN THE QR CODE TO REGISTER
Dear Colleague,

We very much look forward to your participation in our upcoming conference! This CME activity is provided as a service to physicians by The Orthobiologic Institute (TOBI). We would also like to extend our gratitude to our colleagues, the American Society of Interventional Pain Physicians (ASIPP) together with The Orthobiologic Institute (TOBI) for their support in this endeavor. This CME activity will feature highly credentialed expert speakers presenting the latest science-based information in the rapidly evolving field of orthobiologic and regenerative medicine.

We appreciate your investment in the TOBI meeting and work to increase the value each year. We are pleased to inform you that we have extended the hands-on cadaver lab to a full-day session. To facilitate your preparation for the lab, we’ve introduced a comprehensive live virtual review course on June 15. As an added benefit, a non-CME recording will be provided at no cost to lab registrants and offered as an optional add-on for 2-day symposium registrants.

Please note that the CME activity is for continuing medical education purposes only, and is intended to assist the practitioner in visualizing and understanding the procedures presented. This CME activity is designed to act as an adjunct to other instructional information and one-on-one training and certification that the practitioner may receive. Importantly, please understand that this CME activity does not constitute training or certification to engage in or practice any such practices, techniques, services, or processes, or otherwise utilize the information provided. The information provided in the course should be incorporated into practice only after thorough analysis by the practitioner and receiving one-on-one training. This CME activity is not intended to dictate physician and/or nurse practices.

We hope to see you in Las Vegas in June!

Sincerely,
Laxmaiah Manchikanti, MD;
Steven Sampson, DO
Course Directors

IMPORTANT LIMITATION OF THIS CME ACTIVITY

Importantly, participation in this CME activity does not constitute training or certification to engage in or practice any such practices, techniques, services, or processes presented in the CME activity. Any information provided in this CME activity should be incorporated into practice only after thorough analysis by the practitioner and receiving one-on-one training. This CME activity is not intended to dictate physician and/or nurse practices, nor to promote adoption of any practices presented. Each practicing physician is responsible for the techniques he or she may choose to practice with respect to any procedures discussed or presented in this CME activity.

CME ACTIVITY NEED, GOAL, AND LIMITATIONS

As evidenced by the establishment of departments of regenerative medicine within major academic medical centers, and by the evolution of regulatory positions, the field of orthobiologics and regenerative medicine is rapidly growing. In order to have an understanding of possible future directions in healthcare, physicians have a need to update their knowledge of this field and how it may affect their patients and their practices. The overall goal this CME activity is to present physicians and mid-level practitioners with an in-depth review of multiple areas of orthobiologic and regenerative medicine. All listed faculty are invited and subject to change.

OBJECTIVES

Upon completion of this CME activity, participants should be better able to

1. Discuss established and rapidly evolving concepts in regenerative medicine and orthobiologics.
2. Describe evolving regenerative medicine treatment options so as to be better prepared to answer patients’ questions about these practices and procedures.

AMERICANS WITH DISABILITIES ACT AND SPECIAL SERVICES

Organizers fully comply with the legal requirements of the Americans with Disabilities Act and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please contact the organizers at 270.554.9412 at least 10 days prior to the conference.

ASIPP® does not permit duplication or distribution of materials, or recording of lectures associated with this conference without the express written consent of the American Society of Interventional Pain Physicians. All rights reserved.

ACCOMMODATIONS

Caesars Palace
3570 Las Vegas Blvd, Las Vegas, NV 89109
Phone: 702-862-3519 | https://www.caesars.com/caesars-palace
Online Reservations: https://book.passkey.com/go/SCTOS4
Phone Reservations: 866-227-5944 (Group Code: SCTOS4)
Note: Caesars Palace charges a processing fee for phone reservations
Room block rate ends Sunday, May 28, 2024
Single or Double Occupancy: $149–$279
$30 charged per night for each additional guest. Maximum of four people per room.
FRIDAY, JUNE 21, 2024

6:30 am – 4:00 pm REGISTRATION

7:00 am – 7:55 am BREAKFAST INSIDE THE EXHIBIT HALL

8:00 am – 12:30 pm GENERAL SESSION

8:00 am – 8:15 am WELCOME TO THE COURSE
Steve Sampson, DO

8:15 am – 9:00 am SAMPSON DISTINGUISHED LECTURE SERIES
8:15 am – 8:30 am Introduction by Laxmaiah Manchikanti, MD
8:30 am – 9:00 am Changing the Paradigm: Two Decades of Advancements in Biological Treatment
Ramon Cugat, MD

9:00 am – 10:45 am PRP
9:00 am – 9:15 am Does the Concentration of PRP Cause a Higher Likelihood of Clinical Trial Failure?
Christopher Centeno, MD

9:15 am – 9:30 am PRP for Knee OA: Treatment Algorithm and Protocols
Nicolas Fiz, MD

9:30 am – 9:45 am Understanding the Nuances of Leukocyte Rich vs Leukocyte Poor PRP for Mild to Moderate Knee OA
Prathap Jayram, MD

9:45 am – 10:00 am Severe and Painful Tendon Hypertrophy Following PRP Injection: Case Reports
Michael Khadavi, MD

10:00 am – 10:15 am The Freezing of PRP for its Preservation
Mikel Sanchez, MD, PhD

10:15 am – 10:45 am Interactive Panel Q&A
Christopher Centeno, MD; Nicolas Fiz, MD; Prathap Jayram, MD; Michael Khadavi, MD; Mikel Sanchez, MD, PhD

10:45 am – 11:15 am EXHIBIT HALL BREAK – PRODUCT THEATER (NON CME)

11:15 am – 12:30 pm BONE MARROW CONCENTRATE (BMC)
11:15 am – 11:30 am Standard of Care Bone Marrow Harvesting: What You Need to Know
Shounuck Patel, DO

11:30 am – 11:45 am Comprehensive Treatments Beyond the Joint: A Biomechanical Injection and Modality Approach
Rowan Paul, MD

11:45 am – 12:00 pm Tracking BMC and PRP Patient Outcomes: What Does the Data Say?
John Santa Ana, DO

12:00 pm – 12:30 pm Interactive Panel Q&A
John Santa Ana, DO; Shounuck Patel, DO; Rowan Paul, MD

12:30 pm – 1:30 pm LUNCH SYMPOSIUM (NON CME)
# 15th Annual TOBI Orthobiologic Symposium Schedule

## Friday, June 21, 2024 (Continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:30 pm – 6:00 pm</td>
<td><strong>GENERAL SESSION</strong></td>
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<tr>
<td>1:30 pm – 2:00 pm</td>
<td><strong>COMMUNITY</strong></td>
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<tr>
<td>1:30 pm – 1:45 pm</td>
<td>Orthobiologic Injections for Veterans in Pain</td>
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<tr>
<td>1:45 pm – 2:00 pm</td>
<td>NFL Alumni Health: Athlete Perception and Challenges of Regenerative Medicine</td>
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<td>2:00 pm – 2:40 pm</td>
<td><strong>PRACTICE COMPLIANCE</strong></td>
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<tr>
<td>2:00 pm – 2:15 pm</td>
<td>Recent Examples of Regenerative Medicine Malpractice Cases: Avoiding Trouble</td>
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<td>2:15 pm – 2:40 pm</td>
<td>Understanding the Current FDA Regulatory Guidelines and Interactive Town Hall</td>
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<tr>
<td>2:40 pm – 3:30 pm</td>
<td><strong>THE BUSINESS OF BIOLOGICS</strong></td>
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<tr>
<td>2:40 pm – 2:55 pm</td>
<td>Five Keys to Expanding Your Self-Pay Practice</td>
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<tr>
<td>2:55 pm – 3:30 pm</td>
<td>Panel Discussion: Expert Tips: Getting Comfortable Recommending Cash-Based Care</td>
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<tr>
<td>3:30 pm – 4:00 pm</td>
<td><strong>EXHIBIT HALL BREAK – PRODUCT THEATER (NON CME)</strong></td>
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<tr>
<td>4:00 pm – 5:15 pm</td>
<td><strong>ADIPOSE</strong></td>
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<tr>
<td>4:00 pm – 4:30 pm</td>
<td>How to Optimize Adipose Harvesting for MSK Procedures</td>
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<tr>
<td>4:30 pm – 4:45 pm</td>
<td>Combining Nanofat with Other Biologics: What, How, and Why?</td>
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<tr>
<td>4:45 pm – 5:15 pm</td>
<td>Ask Anything: Adipose Panel Discussion with Q/A</td>
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<tr>
<td>5:15 pm – 6:00 pm</td>
<td><strong>HYDRODISSECTION AND NERVE ENTRAPMENTS</strong></td>
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<tr>
<td>5:15 pm – 5:30 pm</td>
<td>Clinical Pearls for Identifying and Treating Neurogenic Entrapments</td>
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<tr>
<td>5:30 pm – 5:45 pm</td>
<td>The Volume Effect: Understanding the Mechanisms of Nerve Hydrodissection</td>
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<tr>
<td>5:45 pm – 6:00 pm</td>
<td>Novel uses of PRP Hydrodissection for Nerves and Beyond</td>
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<tr>
<td>6:00 pm – 7:00 pm</td>
<td><strong>NETWORKING COCKTAIL RECEPTION INSIDE EXHIBIT HALL (NON CME)</strong></td>
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The Orthobiologic Institute in collaboration with the American Society of Interventional Pain Physicians
THE ORTHOBIOLOGIC INSTITUTE IN COLLABORATION WITH THE AMERICAN SOCIETY OF INTERVENTIONAL PAIN PHYSICIANS

15TH ANNUAL TOBI ORTHOBIOLOGIC SYMPOSIUM SCHEDULE

SATURDAY, JUNE 22, 2024

6:30 am – 2:00 pm  REGISTRATION

8:00 am – 12:00 pm  GENERAL SESSION

8:05 am – 10:00 am  SPINE

8:05 am – 8:20 am  Disc Biologics: Current Perspective and Future Direction
                   Annu Navani, MD

8:20 am – 8:45 am  Facet Injections in the Era of Regenerative Medicine: "What was Old is New Again"
                   Rahul Desai, MD

8:45 am – 9:05 am  PRP to Treat Lumbar DDD: Preliminary Results of a Placebo Controlled RCT
                   Christopher Centeno, MD

9:05 am – 9:25 am  PRP Vs Saline Injection in a Military Population with Facet Mediated Low Back Pain
                   Min Ho Chang, MD

9:25 am – 9:45 am  Cervical and Lumbar PRP Intradiscal and Epidural Injections for Disc Degeneration
                   Luis Sanado, MD

9:45 am –10:00 am  Ask Anything: Spine Panel Discussion with Q&A
                   Christopher Centeno, MD; Min Ho Chang, MD; Rahul Desai, MD; Annu Navani, MD; Luis Sanado, MD

10:00 am – 10:30 am  EXHIBIT HALL BREAK – PRODUCT THEATER (NON CME)

10:30 am – 12:00 pm  INTRAOSSEOUS (IO) AND SUBCHONDRAL BONE THERAPIES

10:30 am – 10:45 am  Comfortable In-office Intraosseous Injections Utilizing Peripheral Nerve Blocks
                      David Smith, MD

10:45 am – 11:00 am  Interventional Techniques for Management of Bone Stress Injuries
                      Adam Tenforde, MD

11:00 am – 11:15 am  Intraosseous BMC Injections for Advanced Mid-foot Osteoarthritis
                      Michael Khadavi, MD

11:15 am – 11:30 am  Intervertebral Intraosseous PRP Injections of the Spine: A Novel Approach
                      Luis Sanado, MD

11:30 am – 12:00 pm  Ask Anything: IO/Subchondral Bone Panel Discussion with Q&A
                      Michael Khadavi, MD; Luis Sanado, MD; David Smith, MD; Adam Tenforde, MD

12:00 pm – 1:00 pm  LUNCH SYMPOSIUM (NON CME)
15TH ANNUAL TOBI ORTHOBIOLOGIC SYMPOSIUM SCHEDULE

SATURDAY, JUNE 22, 2024 (CONTINUED)

1:00 pm – 5:30 pm  GENERAL SESSION

1:00 pm – 3:00 pm  WHAT’S NEW?
1:00 pm – 1:15 pm  Combining Minimally Invasive Subacromial Capsulectomy and Orthobiologic Injection: A Novel Approach
Brice Blatz, MD

1:15 pm – 1:30 pm  Greater Trochanter Pain Syndrome (GTPS): From PRP to Surgery
Nicolas Fiz, MD

1:30 pm – 1:45 pm  Ultrasound Guided Intraarticular Infrapatellar Injection: A Novel Technique
Stanley Lam, MD

1:45 pm – 2:00 pm  Physical Longevity: A Preventative Approach Utilizing Orthobiologics
Danielle Auñero, MD

2:00 pm – 2:15 pm  Targeting the Myofascia with Dextrose and PRP in Lower Extremity Pain
Brad Fullerton, MD

2:15 pm – 2:30 pm  The Importance of Extraplatelet Molecules
Mikel Sanchez, MD

2:30 pm – 3:00 pm  PRP and Shockwave for Erectile Dysfunction
Anne Truong, MD

3:00 pm – 3:30 pm  EXHIBIT HALL BREAK – PRODUCT THEATER (NON CME)

3:30 pm – 3:50 pm  EXPERT PANEL DEBATE
Orthobiologic Injection Complications: How to Prevent and Manage?
Danielle Auñero MD; Brice Blatz, MD; Michael Khadavi MD; Shounuck Patel, DO; Adam Tenforde MD

3:50 pm – 5:30 pm  MECHANOTHERAPY
3:50 pm – 4:05 pm  Advances in Shockwave and Photobiomodulation for Tendinopathy in Athletes
Adam Tenforde, MD

4:05 pm – 4:20 pm  The Role of Hyperbaric Oxygen in Regenerative Medicine and Recovery
Jason Sonners, DC, PhD

4:20 pm – 4:35 pm  Long Duration Ultrasound (LDU) for the Treatment of Knee Osteoarthritis and Low Back Pain: RCTs
Jason Krystofiak, MD

4:35 pm – 4:55 pm  Ask Us Anything: Panel Discussion with Q&A
Jason Krystofiak, MD; Jason Sonners, DC, PhD; Adam Tenforde, MD

4:55 pm – 5:20 pm  TOBI Takeaways
Chris Marker, DO

5:20 pm – 5:30 pm  Closing Remarks
Steve Sampson, DO
PAYMENT INFORMATION TO:
MAIL COMPLETED FORM WITH CHECK OR PAYMENT INFORMATION TO:
FAX COMPLETED FORM WITH PAYMENT INFORMATION TO:

CANCELLATION POLICY:
TOBI and ASIPP reserve the right to cancel this course upon reasonable notice and will assume no financial obligation to registrants for cancellation for reasons beyond its control. Registration fees may be refunded minus a 3.5% processing fee up until May 20, 2024. Costs incurred by the registrants, such as airline or hotel fees or penalties, are the responsibility of the registrants. TOBI and ASIPP require a 30-day written notice of cancellation. Cancellations must be submitted in writing to kavery@asipp.org by May 20, 2024. Cancellations after May 20, 2024 but prior to May 31, 2024 will forfeit 50% of their registration fee + a 3.5% processing fee. No refunds can be given after May 31, 2024.

REGISTERANT INFORMATION
NAME OF SCHOOL OR HOSPITAL
If registering as a fellow, resident or medical student, please list name of fellowship program, university or hospital. Discount cannot be given without this information.

REGISTERANT INFORMATION FOR CADAVER WORKSHOP ONLY (AVAILABLE ONLY TO PHYSICIANS)
Lab fee covers the June 20 on-site cadaver lab, the June 15 virtual lab prep course, and recording of the live virtual course.

INDICATE THE TOTAL NUMBER OF PROCEDURES PERFORMED THE PAST YEAR:
Soft Tissue and Ligament Injections
Shoulder Injections  Elbow Injections
Wrist Injections  Hip Injections
Knee Injections  Ankle Injections
Sacroiliac Joint Injections
Caudal Epidural Injections
Lumbar Interlaminar Epidural Injections
Lumbar/Sacral Transforaminal Epidural Injections
Lumbar/Sacral Facet Joint Nerve Blocks
Lumbar Facet Joint Intraarticular Injections
Lumbar Discography  Pudendal Nerve Blocks
Ultrasound Guided Injections

REGISTERATION FEES
15TH ANNUAL TOBI ORTHOBIOLOGIC SYMPOSIUM: (Check the fee that applies)
- 2-Day Symposium Only ......................................................... $1,995
- 2-Day Symposium + Hands-On Cadaver Workshop and 10-Hour Webinar* ........................................ $4,995
- Hands-On Cadaver Workshop and 10-Hour Webinar Only* ......................................................... $3,500
- 2-Day Symposium (Fellows, Residents, Medical Students Pricing) ............................................. $500
- 2-Day Symposium + Cadaver Workshop (Fellows and Residents Pricing)* ................................ $750
- Add-on: Recording of 10-Hour Webinar (Non-CME) .............................................................. $200
- Industry Representative (Non-Exhibitor) Individual ............................................................... $2,700

Total Fees: $__________

* Cadaver Workshop attendees must select one of the following tracks:
  - PRP, MSK Ultrasound, and Shockwave (Beginner)
  - BMC, Adipose, Intraosseous, and Shockwave (Intermediate)
  - Spine Orthobiologics and Shockwave (Advanced)

If you selected a cadaver lab registration, you must complete the qualifying form to ensure your placement in the lab: https://form.jotform.com/233326312135950

If registering as a fellow, resident or medical student, please list name of fellowship program, university or hospital. Discount cannot be given without this information.

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Caesars Palace
3570 Las Vegas Blvd, Las Vegas, NV 89109
Phone: 702-862-3519 | https://www.caesars.com/caesars-palace

MEETING INFORMATION:
https://www.tobiconference.com
Karen Avery, 270.554.9412 ext: 4210 or kavery@asipp.org

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