

# EVOLVE Conference 2020

February 7 - 9, 2020

Hilton Salt Lake City Center

Salt Lake City, UT

This educational activity has been a Joint Collaboration between:



and



## **Intended Audience**

This activity is intended for MDs, DOs, Physicians, Pain Specialists and others on the Healthcare Team with an interest in regenerative medicine.

## **Learning Objectives**

Upon completion of this activity, the participant should be able to:

- Demonstrate proficiency in manipulating the ultrasound device parameters to obtain an ideal image.
- Articulate the goals of regenerative medicine and how they differentiate from catabolic procedures.
- Identify the tendons of the rotator cuff.
- Identify the biceps tendon.
- Accurately position a patient to obtain ideal rotator cuff images.
- Identify the common extensor tendon for tennis elbow.
- Identify the common flexor tendon for golfers' elbow.
- Identify the subacromial subdeltoid bursa.
- Identify the carpal tunnel and its contents.
- Identify the femoral-acetabular joint.
- Discuss how to perform a percutaneous tenotomy.
- Identify the gluteus medius tendon and the greater trochanteric bursa.
- Set up for a superior lateral approach knee injection.
- Identify the plantar fascia.
- Identify the Achilles tendon.
- Identify calcific tendinosis.
- Describe the use of power Doppler in evaluating tendinopathy.
- Safely turn off the ultrasound machine and store it away.
- Identify the triceps tendon.
- Describe the evidence for platelet rich plasma in the treatment of osteoarthritis.
- Describe the evidence for platelet rich plasma in the treatment of tendinopathy.
- Define platelet rich plasma.
- Prepare different PRP solutions depending on treatment applications.
- Define bone marrow concentrate.
- Define exosomes.
- Define alpha 2 macroglobulin
- Define mesenchymal stem cell.
- Understand the differences between allograft products and identify their treatment applications for pain conditions.
- Prepare a stem cell injectate derived from bone marrow.

## **Statement of Need**

The Regenerative Medicine for EVOLVE Course provides a forum for multiple disciplines to integrate and learn the most advanced regenerative clinical applications under the guidance of ultrasound and fluoroscopy. The goal of the program is to provide clinicians the tools necessary to implement regenerative medicine into their practice. Interventional Pain Management is an emerging area of medicine that can be highly effective within the application of multimodal pain treatment. Interventional Pain Management now encompasses a variety of regenerative and image-guided interventional and diagnostic procedures. Although these procedures have significant potential risks, improvements in practice standards have allowed Diagnostic Ultrasound/Fluoroscopy and Interventional Pain techniques to offer a safe and less invasive alternative to surgery where applicable. It is incumbent on specialists in Pain Medicine who are active in interventions to maintain a sufficient body of knowledge and skill set in existing procedures while being properly trained on emerging procedures. Continuing medical education, including "hands-on" training in the workshop setting, remains an important method for maintaining and improving proficiencies in Interventional Pain Management.

## **Accreditation Statement**



In support of improving patient care, this activity has been planned and implemented by Dannemiller and Advanced Regenerative Medicine Institute. Dannemiller is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Dannemiller designates this live activity for a maximum of 14.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## **Method of Participation**

Participants should first read the objectives and other introductory CME/CE information and then proceed to the educational activity. To receive credit for this activity, you must complete the end of course evaluation ([www.dannemiller.com/activity/1909](http://www.dannemiller.com/activity/1909)).

After submitting the evaluation, a certificate will be issued via email. Credit is provided through March 10, 2019. No credit will be given after this date.

In the event you have questions about this activity or are unable to retrieve the certificate, please e-mail [cme@dannemiller.com](mailto:cme@dannemiller.com) and a certificate will be emailed within 2 weeks.

## **Faculty**

Richard Rosenthal, MD  
Nexus Pain – Medical Director

Sudhir Diwan, MD  
ASIPP – President Elect

Sairam Atluri, MD, FIPP  
Interventional Spine Specialist--Medical Director

Josh Donaldson, ND  
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Matt Murphy, PhD  
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## **Disclosures**

In accordance with the Accreditation Council for Continuing Medical Education (ACCME), Dannemiller requires that any person who is in a position to control the content of a CME/CE activity must disclose all financial relationships they have with a commercial interest.

The following faculty stated they have no financial relationships with commercial interests: Annu Navani, MD, Matthew Peterson, MD, Robert Kinne, MD, Sairam Atluri, MD, FIPP

The following faculty members have financial relationships with commercial interests: Aaron Calodney, MD—Consultant-Nevro, Stryker, Vertiflex, Investigator-Medtronic; George Chang Chien, DO—Speaker-Apex Biologix; Jeimylo de Castro, MD—Speaker-PunxCell; Matt Murphy, PhD—Speaker-Apex Biologix, Orthosono, Consultant-Apex Biologix; Sudhir Diwan, MD—Speaker-Apex Biologix, Advisory Board-Boston Scientific, IntraVu, CornerLoc; Tim Moseley, PhD—Stockholder-Direct Biologics; Richard Rosenthal, MD—Apex Speaker, Consultant, Advisory Board and Stockholder; Matthew Thorson, MD—Investigator Vinex, Speaker Apex

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Bernard Abrams, MD, clinical content reviewer and Jennifer Hodge, Dannemiller Project Manager, have no financial relationships with commercial interests. Jamie Tanner, Marketing & Conference Coordinator ARMI

To resolve identified/potential conflicts of interest, the educational content was fully reviewed by a member of the Dannemiller Clinical Content Review Committee who has nothing to disclose. The resulting certified activity was found to provide educational content that is current, evidence based and commercially balanced.

**Off-label statement**

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