



# Pre-Conference Workshop

## INTERMEDIATE / ADVANCED Diagnostic Musculoskeletal Ultrasound Imaging of the Forearm, Wrist & Hand

Tuesday, April 25th, 2023 • 8:00 a.m. - 12:30 p.m. & 1:30 p.m. - 6:30 p.m.\*

Location: Castle (Convention Center - Lower Level)



**Workshop Lead by:** Albert Kozar, DO, FAOASM, R-MSK

**Faculty:** Stephanie Aldret, DO; Daniel Day, DO; Ahmed Elghawy, DO; Sadiq Haque, DO, FAOASM; David Leslie, DO; Lauren Leslie, DO; John Morasso, DO; Jacob Turnbull, DO

**Course Description:** The Intermediate/Advanced Diagnostic Musculoskeletal Ultrasound Course on imaging of the forearm, wrist, and hand is designed take the next step for those who have the basic, standard examination of the wrist and hand down, but would like to take their game to the next level. In the first half of the day, we will focus on detailed cross sectional and origin-insertion anatomy of the forearm muscles for more accurate diagnosis of elbow and wrist pathologies. We will then delve into the intricacies of ligament stability of the elbow, wrist, and hand. In the second half of the day, we will learn the detailed anatomy of the hand, fingers, and thumb. Our highly experienced faculty will focus on the normal anatomy and how to scan these topics, but with more detail, while also presenting some pathology examples with therapeutic ultrasound guidance where appropriate. The emphasis will continue to be on scanning technique, probe position, and dynamic evaluation.

### Course Agenda:

7:00 - 7:50 a.m.

**Registration\***

7:30 - 8:30 a.m.

**Light Continental Breakfast**

7:50 - 8:00 a.m.

**Welcome Remarks/Introductions**

### Morning Session:

**Advanced Diagnostic Imaging of Forearm & Wrist**

8:00 - 8:30 a.m.

**Compartments of Forearm with Progressive Cross-Sectional Anatomy**

Jacob Turnbull, DO

8:30 - 9:00 a.m.

**It's not Just an "Epicondylitis": Common Extensor & Flexor Origins**

Albert Kozar, DO, FAOASM, R-MSK

9:00 - 9:30 a.m.

**Static & Dynamic Assessment of Elbow Ligaments**

David Leslie, DO

9:30 - 10:00 a.m.

**Regenerative Injection Techniques for Elbow, Wrist & Hand: Prolo, PRP, Tenex, and More**

Daniel Day, DO

10:00 - 10:15 a.m.

**Rheumatologic Evaluation of the Forearm, Wrist & Hand**

Ahmed Elghawy, DO

10:15 - 10:30 a.m.

**Break**

10:30 - 12:30 p.m.

**Diagnostic Scanning Live Models**

Rotate between four stations (1-4 or 5-8); 40 minutes each

**Stations 1 & 5:** Compartments of Forearm

**Stations 2 & 6:** Common Extensors & Flexor Origins

**Stations 3 & 7:** Static & Dynamic Assessment of Elbow Ligaments

**Stations 4 & 8:** Injection Positions & Rheumatologic Evaluation

12:30 - 1:30 p.m.

**Lunch (On Your Own)**



## Pre-Conference Workshop

### INTERMEDIATE / ADVANCED Diagnostic Musculoskeletal Ultrasound Imaging of the Forearm, Wrist & Hand (Continued)

<b>Afternoon Session:</b>	<b>Advanced Diagnostic Imaging of the Wrist &amp; Hand</b>
1:30 - 2:00 p.m.	<b>Static &amp; Dynamic Assessment of Wrist &amp; Palm Ligaments</b> Albert Kozar, DO, FAOASM, R-MSK
2:00 - 2:30 p.m.	<b>US Anatomy of Thenar &amp; Hypothenar Muscles of Hand</b> Sadiq Haque, DO, FAOASM
2:30 - 3:00 p.m.	<b>US Anatomy &amp; Diagnostic Problems of the Finger</b> Lauren Leslie, DO
3:00 - 3:30 p.m.	<b>US Anatomy &amp; Diagnostic Problems of the Thumb</b> John Morasso, DO
3:30 - 4:00 p.m.	<b>US Anatomy of Median &amp; Ulnar Nerve Branching in the Hand</b> Stephanie Aldret, DO
4:00 - 4:15 p.m.	<b>Questions &amp; Answer Session</b>
4:15 - 4:30 p.m.	<b>Break</b>
4:30 - 6:30 p.m.	<b>Diagnostic Scanning Live Models</b> Rotate between four stations (1-4 or 5-8); 40 minutes each <b>Stations 1 &amp; 5:</b> Wrist & Palm Ligaments <b>Stations 2 &amp; 6:</b> Thenar & Hypothenar Muscles of Hand <b>Stations 3 &amp; 7:</b> Anatomy of Fingers and Thumb <b>Stations 4 &amp; 8:</b> Artery & Nerve Branching in the Hand

**Your Workshop Registration Fee includes:** Refreshment breaks, workshop materials, and up to **9.0** AOA Category 1-A CME credits.

*\*Pre-Conference Workshop on-site registration will be open from 4:00 p.m.-5:30 p.m. on Monday, April 24th, 2023, and 7:00 a.m. – 7:50 a.m. on Tuesday, April 25th, 2023. (On-site Registration Location: Convention Center, Magic Kingdom Ballroom - Upper Level)*



# Pre-Conference Workshop

## Disneyland Hotel

### HOTEL FEATURES & SERVICES

- 1 Front Desk
- 2 Guest Services
- 3 Bell & Valet Services
- 4 Rose Court Garden
- 5 Adventure Lawn
- 6 Frontier Lawn
- 7 Fitness Center

### SHOPPING & RECREATION

- 11 Disney's Fantasia Shop
- 12 small world Gifts & Sundries
- 13 Monorail Pool & Slides
- 14 D Ticket Pool
- 15 E Ticket Pool
- 16 Outdoor Fireplace

### RESTAURANTS & LOUNGES

- 18 Goofy's Kitchen
- 19 Tangaroa Terrace  
Tropical Bar & Grill
- 20 Trader Sam's  
Enchanted Tiki Bar
- 21 The Coffee House

### LEGEND

- Elevators
- Restrooms
- ATM
- Monorail Station
- Automated External Defibrillator



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### CONVENTION CENTER

- Lower Level (Entrance Near Goofy's Kitchen)**
- Castle A-C Room
  - Monorail A-C Room

### Main Level

- Disneyland® Grand Ballroom
- North, Center, & South Ballroom
- North, Center, & South Lounge
- Disneyland Exhibit Hall

### Upper Level

- Magic Kingdom® Ballroom 1-4
- Sleeping Beauty Pavilion
- A Ticket Room
- B Ticket Room

### Adventure Tower

- |         |           |
|---------|-----------|
| Nile    | Tiki      |
| Congo   | Safari    |
| Zambezi | Adventure |
| Amazon  | Outpost   |
| Oasis   | Explorer  |

### Outdoor Event Areas

- Frontier Lawn
- Rose Court Garden
- Adventure Lawn:
  - AOASM Exercise Area
  - AOASM Red Carpet Entrance ★

