



WORLD ACADEMY of PAIN
MEDICINE ULTRASONOGRAPHY

MASTER AGENDA

February 15-16, 2020

WAPMU 6th Annual Meeting and Review Workshop

Hyatt Regency Coral Gables

Miami/ Coral Gables, Florida USA

“Innovations in Pain Medicine “

SATURDAY, FEBRUARY 15

HYATT REGENCY CORAL GABLES

7:30 to 8:00	Greetings and WAPMU Statement Dr. Einar Ottestad & Dr. Amitabh Gulati
8:00 to 8:20	Innovations in Musculoskeletal Interventions Dr. Stephan Esser & Dr. David Spinner
8:20 to 8:45	Innovations in Stimulation Interventions (Techniques & Targets) Dr. Einar Ottestad and Dr. Dawood Sayed
8:45 to 9:10	Innovations in Headache Interventions Dr. Michael Gofeld
9:10 to 9:30	Innovations in Cancer Pain Medicine Dr. Amitabh Gulati & Dr. Ehtesham Baig
9:30 to 10:00	Morning Break- Meet with Exhibitors “Expert faculty faceoff” Moderator: Dr. Bernard Moriggl, PhD
10:00 to 10:30	Cervical Medial Branch Block Dr. Michael Gofeld vs Dr. Sadiq Bhayani
10:30 to 11:00	Anatomy of the Elbow Dr. Mike Mizrahi vs Dr. Mark Friedrich Hurdle
11:00 to 11:30	PNS Approach on the Sciatic Nerve Dr. Christopher Gilmore vs Dr. Scott Pritzlaff

11:30 to 12:00 **Regenerative Medicine Options**
Dr. Sheldon Jordan vs Dr. Stephan Esser

12:00 to 12:45 **LUNCH (non-CME Symposium) – Meet with exhibitors**

12:45- 13:00 **PRESENTATION of the “GOFELD ACADEMIC SCHOLORSHIP AWARD”**

Track 1 participants will depart lectures:

1:00 to 5:00 **Ultrasound in Pain Medicine Review Course, focused presentations, expert faculty demonstration and hands-on “live model” workshop for practicing physicians.**
Moderator: Mark Friedrich Hurdle

Track 2 & 3 participants will remain in Specialty Lectures:

1:00 to 3:00 **Neuromodulation**
1. Waveform Therapy – Amitabh Gulati
2. Future Technology – Dawood Sayed
3. PNS vs DRG vs Dorsal Root – Cory Hunter
a. Ultrasound and neuromodulation – Michael Gofeld

3:00 to 3:30 **AFTERNOON BREAK- Meet with exhibitors**

1:00 to 3:00 **Regenerative Medicine & Musculoskeletal Interventions**
1. Nerve Ablation Techniques- Cryotherapy vs Radiofrequency Hah (may need to ask around for this one) I can do it but need others...
2. Biologic Choices – Stephan Esser
3. Joint ablation or regenerative medicine – Shelly Jordan and Sadiq Bhayani
4. Role of Neuromodulation / PNS for musculoskeletal pain syndromes – David Spinner and Einar Ottestad

17:30 to 19:30 **Welcome Reception**

Pool Terrace – located on roof of hotel

TRACK 1:

Attendees rotate through and attend each station for 45 minutes

Stations:

1. **Upper Extremity**
2. **Lower Extremity**
3. **Cervical and Thoracic Spine**
4. **Lumbo-sacral spine & Pelvis**
5. **Physical Examination**

Upper Limb Sonography: Review of gross & sonoanatomy with emphasis on common procedural objectives. **Shoulder:** Biceps tendon, acromioclavicular joint, subacromial bursa, glenohumeral joint & suprascapular nerve. **Elbow:** lateral elbow, medial elbow, cubital canal & ulnar nerve. **Wrist:** Carpal Tunnel & median nerve, Guyon's canal & MCP joint.

Lower Limb Sonography - Review of gross & sonoanatomy with emphasis on common procedural objectives. **Hip:** Hip joint, Trochanteric complex, Iliotibial band & Lateral femoral cutaneous nerve. **Knee:** Knee joint & saphenous nerve. **Ankle:** Tibiotarsal joint, tarsal canal & tibial nerve, MTP joi.

Cervical Spine Sonography: Review of gross & sonoanatomy with emphasis on common procedural objectives. Greater occipital nerve, Cervical facet joints & medial branches, cervical nerve roots & cervical sympathetic trunk, Areas of Botox injections for Headache.

Thoracic Spine, Paravertebral & Abdomen Sonography: Review of gross & sonoanatomy with emphasis on common procedural objectives. Thoracic facet joints, Intercostal nerve, Paravertebral block, Costotransverse joint, Ilio-Inguinal & Ilio-hypogastric nerve blocks

Lumbar spine, Sacrum & Pelvic Sonography: Review of gross & sonoanatomy with emphasis on common procedural objectives. Lumbar facet joints & medial branches, caudal epidural, sacral foramina, sacroiliac joint, piriformis muscle & pudendal nerve.

Physical Examination: Knowledge & Skills

7:00 to 5:00 Cadaveric Workshop Tracks**TRACK 1-** Interventional Ultrasound in Pain Medicine: MSK, Spine and Nerves**TRACK 2-** Innovations in Pain Medicine: SCS, PNS, MIS & Spinal Technologies**TRACK 3-** Orthobiologics & Regenerative Medicine**10:30-12:00- Sunday Brunch with exhibitors****TRACK 1:**

Interventional Ultrasound in Pain Medicine: MSK, Spine and Nerves	FACULTY
Station 1 - Cervical & Head- 100 minute	
A: Neck- cervical medial branch, cervical nerve roots. B: Head & cervical sympathetic trunk - Greater occipital nerve, Stellate ganglion	
Station 2-Lumbar spine, Sacrum, Pelvis & Trunk- 100 minute	
A: Lumbar area - Lumbar epidural, facets & medial branches. B. Pelvic area - Caudal epidural, Sacro-iliac joint, Piriformis & Pudendal nerve. C: Abdomen - Ilio-inguinal, ilio-hypogastric nerve, miscellaneous. D: Thorax - Thoracic facet joint, Intercostal nerves, paravertebral.	
Station 3 - Upper extremity- 100 minute	
A: Shoulder - Long head of biceps, Acromioclavicular joint, Subacromial bursa, Gleno-humeral joint & Suprascapular nerve. B: Elbow - Medial & Lateral Elbow, Cubital canal & Ulnar nerve. B: Wrist - Carpal tunnel, median nerve, Guyon's Canal & Ulnar nerve	
Station 4 - Lower extremity- 100 minute	
A: Hip - Hip joint, Trochanteric complex, IT Band, & LFCN. B: Knee - Knee joint, genicular nerves & saphenous nerve. C: Ankle - Tibiotarsal Joint, tarsal tunnel, tibial & peroneal nerves.	

TRACK 2:

Innovations in Pain Medicine: SCS, PNS, MIS, Headache & Spinal Technologies	FACULTY
Station 1 - Indirect Lumbar Decompression and Spinous Spacers	
Station 2 - Minimally Invasive Sacroiliac Fusion	
Station 3 - Dorsal Root Ganglion Stimulation	
Station 4 - Advanced Spinal Cord Stimulation	
Station 5 - Percutaneous Tenotomy	
Station 6 - Peripheral Nerve Stimulation	
Station 7 - Minimally Invasive Lumbar Decompression	
Station 8 - Medial Branch and Multifidus Stimulator Placement	
Station 9 - Cryotherapy and Radiofrequency Ablation of Nerves	
Station 10 - Basivertebral Nerve Ablation for Discogenic Pain	
Station 11 - Botulinum Toxin- Headache and Neck Pain	

TRACK 3:

Orthobiologics & Regenerative Medicine	FACULTY
Station 1 - PRP, PPC and A2M Processing	
Station 2 – Bone Marrow Harvesting	
Station 3 - Exosomes, Amnion, Placenta and Core blood	
Station 4 - Autologous and Allogeneic Products	
Station 5 - Stem Cell Delivery Methods	
Station 6 - Stem Cell Delivery Methods	
Station 7 - Upper Extremity MSK & Nerve Ultrasound Scanning	
Station 8 - Lower Extremity MSK & Nerve Ultrasound Scanning	
Station 9 - Cervical, Thoracic and Lumbar Ultrasound Scanning-	

5:00

Annual Meeting Concludes