



WORLD ACADEMY *of* PAIN
MEDICINE ULTRASONOGRAPHY

Preliminary MASTER AGENDA

February 16-17, 2019

WAPMU 5th Annual Meeting and Review Workshop

Hotel Colonnade Coral Gables

Miami/ Coral Gables, Florida USA

“Frontiers in Pain Practice “ Peripheral Nerve Stimulation and Regenerative Medicine

SATURDAY, FEBRUARY 16 HOTEL COLONNADE CORAL GABLES

Merrick Ballroom

7:30 to 8:00

**Greetings and WAPMU Statement
Einar Ottestad & Amitabh Gulati**

8:00 to 09:30

**Peripheral Nerve Stimulation- Didactic and Panel Discussion
Moderator: Einar Ottestad**

- Peripheral neuromodulation review: history, concepts and best practices: **Michael Gofeld**
- Neuromodulation: Broadening Indications beyond Neuropathic pain: **Amitabh Gulati**
- The PNS Experience- Emerging Evidence for Chronic Pain: **Scott Pritzlaff**
- Panel Discussion: **E. Ottestad, D. Spinner, A. Gulati, M. Gofeld, J. Hah, S. Pritzlaff**

9:30 to 10:00

Morning Break

10:00 to 12:00

**Regenerative Medicine- Didactic and Panel Discussion
Moderator: Sheldon Jordan**

- Regenerative Medicine Therapies: “The Basics” What is it / what it is not – science, terminology): **Stephan Esser**
- Regenerative Medicine State of the Art: **David Woznica**
- Ultrasound in Regenerative Medicine: **Michael Gofeld**
- Panel Discussion: **S. Jordan, M. Gofeld, D. Woznica, S. Esser**

12:00 to 13:00

LUNCH (non-CME Symposium)

13:00 to 17:00

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

Attendees rotate through and attend each station for 45 minutes

Stations:

1. **Upper Extremity**
2. **Lower Extremity**
3. **Head & Cervical Spine**
4. **Thoracic spine & Abdomen**
5. **Lumbo-sacral spine & Pelvis**
6. **“Ask the Expert” Anatomy Station**

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 joint

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

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

Certification in interventional pain ultrasonography: Communication, Knowledge & Skills

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

Pool Terrace – located on roof of hotel

SUNDAY, FEBRUARY 17 HOTEL COLONNADE CORAL GABLES

Merrick Ballroom

8:00 to 17:00 WAPMU Cadaver Workshop

Cadaveric Workshop Station Topics:

Cervical & Thoracic Spine

Lumbar Spine, Sacrum, Pelvis & Trunk

Upper extremity MSK & Nerve

Lower Extremity MSK & Nerve

Peripheral Nerve Stimulation Techniques

RF Ablation Ultrasound-Guided Techniques

Regenerative Medicine & Ultrasound

10:30-12:00- Sunday Brunch with exhibitors - Colonnade Ballroom & Foyer

	POSITION
Station 1 - Cervical & Head- 80 minute	
A: Neck <i>cervical medial branch, cervical nerve roots</i>	lateral

B: Head & cervical sympathetic trunk <i>Greater occipital nerve, Stellate ganglion</i>	Prone or lateral
Station 2-Lumbar spine, Sacrum, Pelvis & Trunk- 80 minute	
A: Lumbar area <i>Lumbar epidural, facets & medial branches</i>	Prone
B. Pelvic area <i>Caudal epidural, Sacro-iliac joint, Piriformis & Pudendal nerve</i>	Prone
C: Abdomen <i>Ilio-inguinal, ilio-hypogastric nerve, miscellaneous</i>	Supine
D: Thorax <i>Thoracic facet joint, Intercostal nerves, paravertebral</i>	Prone

Station 3 - Upper extremity- 80 minute	
A: Shoulder <i>Long head of biceps, Acromioclavicular joint, Subacromial bursa, Gleno-humeral joint & Suprascapular nerve</i>	sitting or lateral
B: Elbow <i>Medial & Lateral Elbow, Cubital canal & Ulnar nerve</i>	supine or lateral
B: Wrist <i>Carpal tunnel, median nerve, Guyon's Canal & Ulnar nerve</i>	supine
Station 4 - Lower extremity- 80 minute	
A : Hip <i>Hip joint, Trochanteric complex, IT Band, & LFCN</i>	Supine
B: Knee <i>Knee joint, genicular nerves & saphenous nerve</i>	Supine
C: Ankle <i>Tibiotarsal Joint, tarsal tunnel, tibial & peroneal nerves</i>	Supine

Station 5 – Physical Examination & Regenerative Medicine- 80 minute	
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A: Physical Examination	NA
B: Regenerative Medicine	NA
Station 6-Peripheral Nerve Stimulation- 80 minute	
A: Upper Extremity Implants <i>Indications, upper extremity nerve implants</i>	NA
B. Lower Extremity Implants <i>Indications, lower extremity nerve implants</i>	NA

17:00 Annual Meeting Concludes

MONDAY, FEBRUARY 18- MIAMI ANATOMICAL RESEARCH CENTER (MARC)

Bus will leave Hotel Colonnade for transport to the MARC at 07:00

Meet in Lobby at 06:45

8:00 to 17:00 CIPS EXAM
Miami Anatomical Research Center (MARC)