



WORLD ACADEMY *of* PAIN
MEDICINE ULTRASONOGRAPHY

Preliminary MASTER AGENDA

February 16-18, 2018

WAPMU 4th Annual Meeting and Review Workshop

Hotel Colonnade Coral Gables

Miami/ Coral Gables, Florida USA

“SONOLOGY VERSUS MYTHOLOGY”

FRIDAY, FEBRUARY 16 HOTEL COLONNADE CORAL GABLES

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|-----------------------|---|
| 7:30 to 8:00 | Greetings and WAPMU Statement
Einar Ottestad & Michael Gofeld |
| 8:00 to 09:30 | Clinical Anatomy Myths and Facts - Didactic and Panel
Discussion
Moderator: Michael Gofeld <ul style="list-style-type: none"><input type="checkbox"/> Classic Anatomy Myths Taught in Medical School - Bernhard Moriggl<input type="checkbox"/> Major Joint Innervation: Anatomy vs. Publications: Anuj Bhatia<input type="checkbox"/> Anatomic Foundation for Diagnostic Blocks: Clinical Necessity and Controversy: Mark Friedrich Hurdle<input type="checkbox"/> Panel Discussion: B. Moriggl, A. Bhatia, M. Mahan, M. Hurdle, Y. Moon |
| 9:30 to 10:00 | Key Speaker Presentation: “Social Media and Medicine” Paul Christo |
| 10:00 to 10:20 | Apex Biologix (non-CME Symposium)
Regenerative Medicine Business Aspects |
| 10:20 to 10:45 | Morning Break in Exhibit Hall |

- 10:45 to 12:00** **Peripheral Nerve Stimulation- Didactic and Panel Discussion**
Moderator: Mark F. Hurdle
- Historical Perspective and Lessons Learned: **Michael Gofeld**
 - Controversies in Peripheral Nerve Stimulation: **Einar Ottestad**
 - Peripheral Nerve Stimulation Best Practices: **David Spinner**
 - PNS vs. DRG vs. SCS vs. PFNS: **Leonardo Kapural**
 - Panel Discussion: **E. Ottestad, D. Spinner, L. Kapural, M. Gofeld, J. Hah**
- 12:00 to 13:00** **LUNCH (non-CME Symposium) SPR Therapeutics Inc.**
Peripheral Nerve Stimulation
- 13:00 to 13:30** **Key Speaker Presentation: Controversies in Clinical Research:**
Ming Kao
- 13:30 to 15:00** **Emerging Methods- Didactic and Panel Discussion**
Moderator: David Spinner
- Percutaneous Tenotomies: High-Tech vs. “18-Gauge Needle and a Good Strong Arm”: **Stephan Esser**
 - Percutaneous Releases of Nerve Entrapments: Minimally Invasive vs. Traditional Surgical Method: **Mark Mahan**
 - Miniaturization of Ultrasound: Handheld vs. Display: **Manuel Cifrian- Perez**
 - HIFU vs. RFA: the first experience with HIFU facet Neuroablation: **Jordi Perez**
 - Panel Discussion: **S. Esser, M. Mahan, M. Cifrian-Perez, M. Gofeld, J. Perez, S. Perelman, CP Lin**
- 15:00 to 15:30** **Legally Mine Inc. (non-CME Symposium)**
- 15:30 to 16:00** **Afternoon Break in Exhibit Hall**

16:00 to 17:30

Regenerative Medicine- Didactic and Panel Discussion
Moderator: Aaron Colodney

- Regenerative Medicine State of the Art: **Matthew Pingree**
- Ultrasound in Regenerative Medicine: **Stanley Lam**
- Knee Pain and personalized medicine: What does the future look like: **Dragan Primorac**
- Panel Discussion: **S. Lam, D. Primorac, M. Pingree, D. Spinner, G. C. Chang Chien, CP Lin**

17:30 to 19:30

Welcome Reception sponsored by Legally Mine

SATURDAY, FEBRUARY 17 HOTEL COLONNADE CORAL GABLES

8:00 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

10:00 to 10:30

Morning Break with Exhibitors

14:45 to 15:15

Afternoon Break with Exhibitors

Attendees rotate through and attend each station for 75 minutes

Stations:

- 1. Upper Extremity**
- 2. Lower Extremity**
- 3. Head & Cervical Spine**
- 4. Thoracic spine & Abdomen**
- 5. Lumbo-sacral spine & Pelvis**
- 6. Physical Examinations**

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 jointss & medial branches, caudal epidural, sacral foramina, sacroiliac joint, piriformis muscle & pudendal nerve

Certification in interventional pain ultrasonography: *Communication, Knowledge & Skills*

SUNDAY, FEBRUARY 18 HOTEL COLONNADE CORAL GABLES

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

Spinal Cord Stimulation Technique

RF Ablation Ultrasound-Guided Techniques

Ultrasound-Guided Botulinum Toxin Injections

Regenerative Medicine & Ultrasound

Specialty Stations (Non-CME): Tenex, Arthrex, Intrathecal Pump Implants, Kyphoplasty

[more stations may be added]

10:00-11:30

Sunday Brunch with exhibitors

	POSITION
Station 1 - Cervical & Thoracic spine- 120 minute	
A: Neck <i>cervical medial branch, cervical nerve roots (40 minutes)</i>	lateral
B: Head & cervical sympathetic trunk <i>Greater occipital nerve, Stellate ganglion (40 minutes)</i>	Prone or lateral
C: Thorax <i>Thoracic facet joint, Intercostal nerves, paravertebral (40 minutes)</i>	Prone
Station 2-Lumbar spine, Sacrum, Pelvis & Trunk- 120 minute	
A: Lumbar area <i>Lumbar epidural, facets & medial branches (40 minutes)</i>	Prone
B. Pelvic area <i>Caudal epidural, Sacro-iliac joint, Piriformis & Pudendal nerve (40 minutes)</i>	Prone
C: Abdomen <i>Ilio-inguinal, ilio-hypogastric nerve, miscellaneous (40 minutes)</i>	Supine

Station 3 - Upper extremity- 120 minute	
A: Shoulder <i>Long head of biceps, Acromioclavicular joint, Subacromial bursa, Gleno-humeral joint & Suprascapular nerve, (40 minutes)</i>	sitting or lateral
B: Elbow <i>Medial & Lateral Elbow, Cubital canal & Ulnar nerve (40 minutes)</i>	supine or lateral
B: Wrist <i>Carpal tunnel, median nerve, Guyon's Canal & Ulnar nerve (40 minutes)</i>	supine
Station 4 - Lower extremity- 120 minute	

A : Hip <i>Hip joint, Trochanteric complex, IT Band, & LFCN (40 minutes)</i>	Supine
B: Knee <i>Knee joint, genicular nerves & saphenous nerve (40 minutes)</i>	Supine
C: Ankle <i>Tibiotarsal Joint, tarsal tunnel, tibial & peroneal nerves (40 minutes)</i>	Supine

17:00

Annual Meeting Concludes

MONDAY, FEBRUARY 19- MIAMI ANATOMICAL RESEARCH CENTER (MARC)

8:00 to 17:00

CIPS EXAM

Miami Anatomical Research Center (MARC)