



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

Merrick Ballroom

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

- ☐ Classic Anatomy Myths Taught in Medical School - **Bernhard Moriggl**
- ☐ Major Joint Innervation: Anatomy vs. Publications: **Anuj Bhatia**
- ☐ Anatomic Foundation for Diagnostic Blocks: Clinical Necessity and Controversy: **Mark Friedrich Hurdle**
- ☐ Panel Discussion: **B. Moriggl, A. Bhatia, M. Mahan, M. Hurdle, Y. Moon**

9:30 to 10:00

Key Speaker Presentation: "Pain Care Innovations for the 21st Century" Paul Christo

10:00 to 10:20

Apex Biologix (non-CME Symposium)

Business tactics needed for launching and growing your regenerative medicine practice

10:20 to 10:45

Morning Break in Exhibit Area- Colonnade Ballroom & Foyer

10:45 to 12:15

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**

12:15 to 13:15

LUNCH (non-CME Symposium) Legally Mine
Merrick Ballroom & Foyer



13:15 to 13:45

Key Speaker Presentation: Controversies in Clinical Research:
Ming Kao

13:45 to 15:15

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**

15:15 to 15:45

**(non-CME Symposium) SPR Therapeutics Inc.
Peripheral Nerve Stimulation**

15:45 to 16:00

Afternoon Break in Exhibit Area - Colonnade Ballroom & Foyer

16:00 to 17:30

**Regenerative Medicine- Didactic and Panel Discussion
Moderator: Aaron Colodney**

- Regenerative Medicine State of the Art: **George C. Chang Chien**
- 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, D. Spinner, G. C. Chang Chien, CP Lin**

17:30 to 19:30

Welcome Reception sponsored by SPR Therapeutics Inc



Pool Terrace – located of roof of hotel

SATURDAY, FEBRUARY 17 HOTEL COLONNADE CORAL GABLES

Merrick Ballroom

- 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- Colonnade Ballroom & Foyer**
- 12:00 to 13:00** **Lunch with Exhibitors- Colonnade Ballroom & Foyer**
- 14:45 to 15:15** **Afternoon Break with Exhibitors- Colonnade Ballroom & Foyer**

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. “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

SUNDAY, FEBRUARY 18 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	
A: Physical Examination	NA

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

17:00 Annual Meeting Concludes

MONDAY, FEBRUARY 19- 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)