MSK AUSTRALIA

PROGRAM

MSK Ultrasound Noosa 2024 - Lower Limb

Friday 8th- Sunday 10th March 2024

The lecture series will detail anatomy and sonographic pathology of the selected body region complemented by case studies of pathology and common presentations. This will be run in conjunction with didactic live scanning workshops where the presenters will demonstrate scanning techniques and insider tips on how to easily make the correct diagnosis.

Friday's welcome drinks are an opportunity to network and connect with like-minded professionals. During the welcome drinks live scanning stations will be set up with presenters in attendance to answer any questions and provide tips on scanning technique.

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Schedule of Events

Friday 8th March – Ankle and Midfoot

14:30 Inversion Injuries

Presenter: Daniel Walkley

15:00 Acquired Pes Planus

Presenter: Daniel Walkley

15:30 Eponymous Anatomy – Surgeon's Name or the Anatomical Name?

Presenter: Aaron Fleming

16:00 - 17:00

Lateral Ankle– Live Scanning

Anterior inferior tibiofibular ligament, lateral ligamentous complex, peronei and their retinacula, extensor tendons and their retinacula, sinus tarsi, anatomy of base 5th metatarsal, superficial and deep peroneal nerves, bony anatomy.

Medial Ankle– Live Scanning

Tarsal tunnel and its contents, deltoid ligament, tibial nerve and its branches, tibialis posterior tendon, tibialis anterior tendon, bony anatomy.

Midfoot– Live Scanning

Chopart and Lisfranc lines and associated joints and bone assessment

Q&A

17:00-19:00 Welcome Drinks with hands on live scanning stations and presenters on hand to assist

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Schedule of Events

Saturday 9th March – Groin, Lateral Hip, Buttock and Thigh

08:30 Groin Pain in Athletes

Presenter: Daniel Walkley

09:00 Hip Joint and Periarticular Structures

Presenter: Daniel Walkley

09:20 Quadriceps Assessment and Injury Grading

Presenter: Aaron Fleming

09:45-10:30

Groin and Anterior Hip – Live Scanning

Pubic aponeurosis, adductors, conjoint tendon, rectus abdominus, pyramidalis, inguinal and lacunar ligaments, iliopsoas tendon and bursa, hip joint assessment, rectus femoris direct and indirect heads.

Quadriceps – Live Scanning

Rectus Femoris-Direct and indirect head, vastus lateralis, vastus medialis, vastus intermedialis and quadriceps tendon.

Q&A

10:30-11:00 Morning Tea

11:00 Hamstring Complex and Deep Hip External Rotators

Presenter: Daniel Walkley

11:30 Greater Trochanteric Pain Syndrome and Snapping Hips

Presenter: Matthew Gourlay

12:00-13:00

Buttock, Hamstring + Quadriceps– Live Scanning

Buttock- deep external rotators of the hip, hamstring origin, STL, sciatic nerve, pudendal nerve. Hamstrings- biceps femoris long and short heads and their MTJ, semimembranosus and semitendinosus tendon and muscle assessment.

Lateral Hip – Live Scanning

Greater trochanter facet anatomy, gluteus minimus, medius and maximus tendon assessment, ITB,

Q&A

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Schedule of Events

Sunday 10th March – Forefoot, Calf and Lower Limb Nerves

08:30 Plantar Metatarsalgia Assessment

Presenter: Matthew Gourlay

09:10 Tennis Leg

Presenter: Daniel Walkley

09:30-10:30

Forefoot– Live Scanning

Plantar plates and MTP joints, digital nerves, stress fracture assessment, flexor and extensor tendons of the toes.

Calf– Live Scanning

Medial and lateral gastrocnemius and soleus muscle assessment, plantaris

Q&A

10:30-11:00 Morning Tea

11:00 Knee – A Case Based Approach (Live scanning run in conjunction with case study presentations)

Knee- quadriceps tendon, patella tendon, suprapatellar pouch, fat pads about the knee, medial collateral ligament, lateral collateral ligament, ITB, pes anserine, hamstring insertions, posterior cruciate ligament, popliteus, oblique popliteal ligament.

12:00 Lower Limb Nerve Assessment – Live Scanning (Live scanning run in conjunction with case study presentations)

Lateral femoral cutaneous nerve, Peroneal nerve, deep and superficial peroneal nerve, genicular nerves, infrapatellar branches of saphenous nerve, tibial nerve and sural nerve.