



MSK AUSTRALIA

Comprehensive MSK Ultrasound Conference, Bali

Sunday 21st - Friday 26th July 2024

PROGRAM

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

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| Sunday 21st July | 5:30-7:30pm | Registration and welcome drinks |
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| Monday 22nd July – Shoulder and Upper Limb Nerves | |
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| 9:00-9:40 | Shoulder – Cuff Anatomy, Biomechanics and Structure. Tendon Tears, Classification and Injury Patterns Presenter: Daniel Walkley |
| 9:40-10:10 | Shoulder – Everything but the Cuff. Differential Diagnosis and Joint Pathology Presenter: Daniel Walkley |
| 10:10-11:00 | Shoulder (Live Scanning) Rotator cuff tendons, rotator interval, rotator cable, biceps and its pulley, glenohumeral joint and the inferior glenohumeral ligaments, coracoacromial ligament, coracohumeral ligament, ACJ. Shoulder extended examination- pec major and minor and their insertions, SCJ, triceps long head. |
| 11:00-11:25 | Nerve Entrapments Around the Elbow Presenter: Matthew Gourlay |
| 11:25-11:45 | Carpal Tunnel Syndrome – Diagnosis and Intervention Presenter: Matthew Gourlay |
| 11:45-12:00 | Brachial Plexus and Beyond – Making this Complex Structure Approachable. Presenter: Matthew Gourlay |
| 12:00-13:00 | Upper Limb Nerves (Live Scanning) Median nerve and its branches, ulnar, radial nerve, posterior interosseous, superficial radial, musculocutaneous and cutaneous nerves of the forearm. Assessment of common areas of neural compression. Brachial Plexus (Live Scanning) Roots, trunks, divisions, cords and main branches of interest. |

| Tuesday 23rd July – The Hip | |
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| Lecture Series | Topic |
| 9:00-9:30 | Groin Pain in Athletes Presenter: Daniel Walkley |
| 9:30-10:00 | Hip Joint and Periarticular Structures Presenter: Daniel Walkley |
| 10:00-10:30 | Hernias About the Groin Presenter: Matthew Gourlay |
| 10:30-11:00 | Lateral Hip Pain Presenter: Matthew Gourlay |
| 11:00-12:10 | Anterior Hip and Groin (Live Scanning) Hip joint, iliopsoas tendon and bursa, pubic aponeurosis, adductors, conjoint tendon, rectus abdominis, rectus femoris direct and indirect heads, inguinal and lacunar ligaments. Hernias- femoral, inguinal and spigelian hernia assessment. |
| 12:10-1:00 | Lateral Hip (Live Scanning) Greater trochanter facet anatomy, gluteals, Iliotibial band and lateral femoral cutaneous nerve. |

| Wednesday 24th July – Ankle, Foot and Lower Limb Nerves | |
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| Lecture Series | Topic |
| 9:00-9:30 | Inversion Injuries and Midfoot Assessment Presenter: Daniel Walkley |
| 9:30-10:00 | Acquired Pes Planus Presenter: Daniel Walkley |
| 10:00-11:00 | Ankle (Live Scanning) AITFL, lateral and medial ankle ligaments, spring ligament, peroneals and their retinacular, flexor and extensor tendons and their retinacular, Chopart line and bifurcate ligament, Lisfranc ligament. |
| 11:00-11:30 | Plantar Metatarsalgia Presenter: Matthew Gourlay |
| 11:30-12:00 | Lower Limb Nerve Entrapments Presenter: Matthew Gourlay |
| 12:00-1:00 | Forefoot (Live Scanning) Plate integrity, interdigital nerve assessment and associated causes of forefoot pain. Lower Limb Nerves (Live Scanning) Common peroneal, deep peroneal, superficial peroneal, tibial, sural and saphenous nerves. |

| Thursday 25th July – Wrist and Digits | |
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| Lecture Series | Topic |
| 9:00-9:30 | Radial Wrist Pain – The Clinical and Sonographic Differentiation of Tendinopathies, Arthropathy and Ligament Injuries Presenter: Matthew Gourlay |
| 9:30-10:00 | Ulnar Wrist Pain – the Role of Ultrasound and when to Investigate Further Presenter: Matthew Gourlay |
| 10:00-11:00 | Wrist (Live Scanning) Extensor tendon compartments, dorsal wrist ligaments, PIN, FCR, FCU, joints about the wrist. |
| 11:00-11:20 | Digit Extensor and Flexor Apparatus – Traumatic and pathological processes Presenter: Daniel Walkley |
| 11:20-11:40 | Hand (Live Scanning) Thenar and hypothenar muscles, digital nerves, MCP joint, PIP joints, DIP joints, collateral ligaments, palmar plates, flexor and extensor apparatus of the fingers. |
| 11:40-12:20 | Elbow Load Induced Tendinopathies and Acute Injuries Presenter: Daniel Walkley |
| 12:20-13:00 | Elbow (Live Scanning) Common extensor origin & lateral ligament complex, common flexor origin, ulnar collateral ligament, biceps tendon and aponeurosis, triceps insertion, joint assessment. |

| Friday 26th July – Buttock, Thigh, Knee and Calf | |
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| Lecture Series | Topic |
| 9:00-9:20 | Posterior Hip and Deep External Rotators Presenter: Daniel Walkley |
| 9:20-9:50 | Biomechanics of Hamstring Injuries Presenter: Daniel Walkley |
| 9:50-10:10 | Quadriceps Presenter: Daniel Walkley |
| 10:10-11:00 | Buttock and Thigh (Live Scanning) Deep external rotators of the hip, hamstring origin, STL, sciatic nerve, pudendal nerve, hamstring and quadriceps muscle complex. |
| 11:00-11:30 | Triceps Surae Injuries and Grading Presenter: Daniel Walkley |
| 11:30-12:00 | Extraarticular knee Presenter: Matthew Gourlay |
| 12:00-1:00 | Knee and Calf (Live Scanning) Quadriceps tendon, patella tendon, suprapatellar pouch, Hoffa's fat pad, medial collateral ligament, lateral collateral ligament, ITB, pes anserine, hamstring insertion, PCL. Triceps surae, Achilles, plantaris. |