



**MSK AUSTRALIA**

## Comprehensive MSK Ultrasound Conference, Bali

Sunday 21<sup>st</sup> - Friday 26<sup>th</sup> 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.

<b>Sunday 21<sup>st</sup> July</b>	5:30-7:30pm	Registration and welcome drinks
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<b>Monday 22<sup>nd</sup> July – Shoulder and Upper Limb Nerves</b>	
9:00-9:40	Shoulder – Cuff Anatomy, Biomechanics and Structure. Tendon Tears, Classification and Injury Patterns <b>Presenter: Daniel Walkley</b>
9:40-10:10	Shoulder – Everything but the Cuff. Differential Diagnosis and Joint Pathology <b>Presenter: Daniel Walkley</b>
10:10-11:00	<b>Shoulder (Live Scanning)</b> 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 <b>Presenter: Matthew Gourlay</b>
11:25-11:45	Carpal Tunnel Syndrome – Diagnosis and Intervention <b>Presenter: Matthew Gourlay</b>
11:45-12:00	Brachial Plexus and Beyond – Making this Complex Structure Approachable. <b>Presenter: Matthew Gourlay</b>
12:00-13:00	<b>Upper Limb Nerves (Live Scanning)</b> 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. <b>Brachial Plexus (Live Scanning)</b> Roots, trunks, divisions, cords and main branches of interest.

<b>Tuesday 23<sup>rd</sup> July – The Hip</b>	
<b>Lecture Series</b>	<b>Topic</b>
9:00-9:30	Groin Pain in Athletes <b>Presenter: Daniel Walkley</b>
9:30-10:00	Hip Joint and Periarticular Structures <b>Presenter: Daniel Walkley</b>
10:00-10:30	Hernias About the Groin <b>Presenter: Matthew Gourlay</b>
10:30-11:00	Lateral Hip Pain <b>Presenter: Matthew Gourlay</b>
11:00-12:10	<b>Anterior Hip and Groin (Live Scanning)</b> 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	<b>Lateral Hip (Live Scanning)</b> Greater trochanter facet anatomy, gluteals, Iliotibial band and lateral femoral cutaneous nerve.

<b>Wednesday 24<sup>th</sup> July – Ankle, Foot and Lower Limb Nerves</b>	
<b>Lecture Series</b>	<b>Topic</b>
9:00-9:30	Inversion Injuries and Midfoot Assessment <b>Presenter: Daniel Walkley</b>
9:30-10:00	Acquired Pes Planus <b>Presenter: Daniel Walkley</b>
10:00-11:00	<b>Ankle (Live Scanning)</b> 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 <b>Presenter: Matthew Gourlay</b>
11:30-12:00	Lower Limb Nerve Entrapments <b>Presenter: Matthew Gourlay</b>
12:00-1:00	<b>Forefoot (Live Scanning)</b> 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.

<b>Thursday 25<sup>th</sup> July – Wrist and Digits</b>	
<b>Lecture Series</b>	<b>Topic</b>
9:00-9:30	Radial Wrist Pain – The Clinical and Sonographic Differentiation of Tendinopathies, Arthropathy and Ligament Injuries <a href="#">Presenter: Matthew Gourlay</a>
9:30-10:00	Ulnar Wrist Pain – the Tole of Ultrasound and when to Investigate Further <a href="#">Presenter: Matthew Gourlay</a>
10:00-11:00	<b>Wrist (Live Scanning)</b> 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 <a href="#">Presenter: Daniel Walkley</a>
11:20-11:40	<b>Hand (Live Scanning)</b> 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 <a href="#">Presenter: Daniel Walkley</a>
12:20-13:00	<b>Elbow (Live Scanning)</b> Common extensor origin & lateral ligament complex, common flexor origin, ulnar collateral ligament, biceps tendon and aponeurosis, triceps insertion, joint assessment.

<b>Friday 26<sup>th</sup> July – Buttock, Thigh, Knee and Calf</b>	
<b>Lecture Series</b>	<b>Topic</b>
9:00-9:20	Posterior Hip and Deep External Rotators <a href="#">Presenter: Daniel Walkley</a>
9:20-9:50	Biomechanics of Hamstring Injuries <a href="#">Presenter: Daniel Walkley</a>
9:50-10:10	Quadriceps <a href="#">Presenter: Daniel Walkley</a>
10:10-11:00	<b>Buttock and Thigh (Live Scanning)</b> 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 <a href="#">Presenter: Daniel Walkley</a>
11:30-12:00	Extraarticular knee <a href="#">Presenter: Matthew Gourlay</a>
12:00-1:00	<b>Knee and Calf (Live Scanning)</b> Quadriceps tendon, patella tendon, suprapatellar pouch, hoffas fat pad, medial collateral ligament, lateral collateral ligament, ITB, pes anserine, hamstring insertion, PCL. Triceps surae, Achilles, plantaris.