



The Power of Tetrahand Surgery

International Pre-Congress Surgical Symposium

Monday 21st September 2026, The Norman Bragg Studio, Waterside Theatre
Aylesbury, Exchange Street, Aylesbury, Buckinghamshire, HP20 1UG.

Advancing Global Upper Limb Reconstruction Following Spinal Cord Injury

This surgeon forum convenes reconstructive experts to examine the expanding role and impact of Tetrahand surgery. Through in-depth case discussions, technical masterclasses, and patient participation, the meeting will focus on restoring meaningful upper limb function and driving wider global access to these transformative procedures.

08:30 – 09:00 | Registration and Refreshments

09:00 – 09:15 | Opening Address

The Power of Tetrahand Surgery: Global Impact and Future Direction

Setting the vision for the day and the role of surgical reconstruction in modern spinal cord injury care.

09:15 – 10:45 | Session I — International Case Forum: Restoring Function, Restoring Lives

Interactive Case-Based Discussions

Expert-led review of complex and illustrative cases from international centres, exploring:

- Patient-centred goals and functional priorities
- Surgical selection and sequencing
- Balancing tendon and nerve transfer strategies
- Measured outcomes and long-term impact

- Lessons from success and ‘failure’

Audience participation and shared decision-making approaches encouraged.

10:45 – 11:15 | Refreshments and Networking

11:15 – 12:30 | Session II — Building World-Class Tetrahand Services

Service Expansion, Referral Networks and Cost Effectiveness

A strategic session on establishing and scaling sustainable tetrahand services:

- Regional and national referral pathways
 - Demonstrating value and cost effectiveness
 - Workforce planning and multidisciplinary models
 - Shared experience from established centres
 - Interactive brainstorming: overcoming barriers to access
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12:30 – 13:15 | Session III — Timing and Precision in Surgical Decision Making

- Optimal timing for nerve versus tendon transfer
 - Integrating neurological recovery into surgical planning
 - Adjuncts for decision making and patient selection
 - Pre-operative assessment and workup
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13:15 – 14:15 | Lunch and Networking

14:15 – 15:45 | Session IV — Surgical Masterclass: Technique, Innovation and Intraoperative Strategy

The Role of Intraoperative Stimulation: Assessing Function, Guiding Decisions

- Intraoperative stimulation to guide surgical choice
- Real-time assessment of muscle and nerve function
- Adjunct technologies supporting intraoperative judgement

Technical Masterclass

- Tendon transfer tips: maximising power and reliability
 - Intrinsic rebalancing and grasp optimisation
 - Nerve transfer techniques: selection, execution, rehabilitation
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15:45 – 16:15 | Refreshments

16:15 – 17:15 | Session V — Managing Complexity and Pushing Boundaries

- Managing Tetrahand-associated spasticity
 - Emerging and novel techniques
 - Avoiding and managing complications
 - Salvage strategies and revision surgery
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17:15 – 17:45 | Global Expert Panel

The Future of Tetrahand Surgery: Innovation, Equity and Access

- Research priorities and collaboration
 - Training the next generation
 - Defining the next decade of tetra hand surgery
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17:45 | Close