

25-26 APRIL - ROYAL ARMOURIES, LEEDS

With Guest Society, The Scandinavian Society for Surgery of the Hand



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Welcome to the BSSH meeting at The Royal Armouries Museum in Leeds!

If you get time during the meeting, please do have a look around the museum which tells the story of the development of arms and armour over time. Included in the collection is the world's biggest animal armour - see if you can find it!

The Queen's Hotel, where we are having our conference dinner, was built in the 1800s as a flagship hotel for the Leeds train station. It is believed to be the first hotel to offer en-suite facilities and has had many famous guests including Nelson Mandela.



In December 2012, the first UK hand transplant was performed in Leeds. Since then, the UK Hand and Upper Limb transplant service has continued to flourish.

It is thus apt that the BSSH Pioneer lecture, in honour of Simon Kay, will be delivered by Mark Pickford at the Leeds meeting.

I am delighted to welcome our guest society, The Scandinavian Society for Surgery of the Hand. We have a long track record of successful collaboration with our Scandinavian partners, and we hope this meeting will stimulate new partnerships clinically and in research. I would like to sincerely thank Mikael Wiberg, Michel Boeckstyns and Lars Dahlin who have guided the collaborative programme with sessions covering operative challenges, socioeconomic aspects of hand and upper limb conditions and the current knowledge of nerve injury, repair and regeneration.

For those interested in sports (golf in particular) Doug Campbell will share his unparalleled experience working with Pro golfers.

I would like to extend my personal thanks to the BSSH Secretariat who support and guide us in delivering our charitable activities throughout the year. This meeting would not have been possible without the organisational and negotiation skills of Kavita, Kevin and Head of the BSSH Secretariat, Charlotte. Thank you to James Henderson for the fabulous artwork and to Emily and Gabi for their skill in designing and producing the promotional material and this wonderful programme.

I would also like to thank our industry partners, you the BSSH members and guests for travelling and participating in this scientific event.

Finally, I would like to thank my colleagues (current, past and future) who have all helped to mould the programme and for supporting me during this presidential year.

Njut av Konferensen!





### **BSSH COUNCIL**

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**Council Member** Mr Sumedh Talwalkar, FRCS(Tr&Orth)

Council Member Miss Rebecca Shirley, FRCS(Plast)





# PROGRAMME OVERVIEW

# THURSDAY 25 April

MAIN	N LECTURE HALL (Royal Armouries Hall C)	PA	RALLEL LECTURE HALL (Bury Theatre)
07:45	Registration		
08:25	Welcome		
08:30	Scandinavian Society for Surgery of the Hand		
08:45	BSSH Crest		
08:55	LION project	09:00	What I don't do anymore and whycontroversial topics session
09:05	Free papers session		
10:00	Refreshment break and exhibition	10:00	Refreshment break and exhibition
10:30	Session: Nerve Surgery and Science - has anything happened?	10:30	NIHR POINT (proximal phalanx fracture) Trial results
12:10	Lecture: Hand and wrist issues in elite professional golfers - 15 years experience from the European Tour	11:00	Trauma Symposium
12:30	Lunch, Networking and Exhibition LEDA lunchtime symposium: Hand Fractures: Nailed! Introducing LEDA's Skeletal Dynamics Threaded Hand Nails	12:30	Lunch, Networking and Exhibition
13:30	Absent upper limb debate session	13:30	How to solve complications session
15:00	Refreshment break and exhibition	15:00	Refreshment break and exhibition
15:30	Unexplained hand and wrist pain - What is it? What do we do? Session	15:30	Free paper session
17:00	Close of Scientific Meeting Programme	17:00	Close of Scientific Meeting Programme
17:00	BSSH Business Meeting/EGM		
17:30	Close		

# PROGRAMME OVERVIEW

MAIN LECTURE HALL (Royal Armouries Hall C)		PA	RALLEL LECTURE HALL (Bury Theatre)
08:30	Registration		
08:55	Welcome	08:50	Free paper session
09:00	Strategy update		
09:25	Belonging in hand surgery		
09:40	Autism and surgery		
10:00	Refreshment break and exhibition	10:00	Refreshment break and exhibition
10:30	BSSH guidelines update 2024	10:30	Registries Session
11:00	Free paper infographic session		
12:00	BSSH Pioneer Lecture in honour of Professor Simon Kay		
12:30	Lunch, Networking and Exhibition Osteotec lunchtime symposium - TriMed Wrist Fixation: A Fragment-Specific	12:30	Lunch, Networking and Exhibition
13:30	Diploma and MSc Presentation of Awards	13:30	Childrens hand surgery session
13:45	Socioeconomics in hand surgery populations session		
15:00	Refreshment break and exhibition	15:00	Refreshment break and exhibition
15:30	Technical session: How I do this	15:30	CHAULIG Business Meeting
16:45	Close of Meeting	16:45	Close of Meeting

1.0	HURSDAY 25 APRIL						
07:45	Registra	ition					
		MAIN LECTURE HALL (Royal Armouries Hall C)					
08:25		Welcome Miss G Bourke					
08:30		Scandinavian Society for Surgery of the Hand Mr M Boeckstyns					
08:45	BSSH Cr Mr S Knie						
08:55	LION pro	·					
09:05	Osteote	c: Donation towards LION project					
	М	ain Lecture Hall (Royal Armouries Hall C)		Parallel Lecture Hall (Bury Theatre)			
	Free papers session Chairs: Mr E P Jesudason and Ms C Chan		What I don't do anymore and whycontroversial topics session Chairs: Mr D Thornton and Mr C Mariathas				
09:05	09:12	Continuous measurement of hand health using the patient evaluation measure MrJ Rodrigues	09:05	'Controversial procedures that I still perform and procedures that I have abandoned' Mr M Boeckstyns			
	09:19	Computerised adaptive testing produces accurate PRWHE scores from fewer questions, and measures two distinct factors of "pain" and "motor function"  Mr C Harrison	09:20	Controversial surgery Mr C Heras-Palou			
	09:26	The burden of hand trauma surgery on primary care in the UK: a nation-wide analysis of antibiotic and opioid prescriptions Mr J Wormald					
	09:33	MISHAP: Managing Injuries - a study of hand appearance and psychosocial dysfunction Dr E Phoenix	09:35	Operation upcycling, recycling, bin it? Dr P Axelsson			
	09:40	UK military upper limb amputations 10 years after cessation of hostilities in the Middle East Mr D Roberts					
	09:47	Sustainable hand surgery: incorporating water efficiency into clinical practice Miss F Solari	09:50	Panel Discussion			
10:00		Refreshment brea	k and ex	chibition			

10:30	happen	Surgery and Science - has anything led? Professor M Wiberg and Professor A Hart	NIHR POIN results Chair: Mr S	T (proximal phalanx fracture) Trial
	10:30	Establishing international collaborative	10:30	NIHR POINT results
		research & stimulating academic surgeons Professor M Wiberg		Miss A Karantana
	10:39	Engaging surgeons & establishing the Blond McIndoe Laboratories place in peripheral nerve research history Professor G Terenghi		
	10:48	Spinal cord reactions after peripheral nerve injury Professor L Novikov		
11:00	10:57	From trauma induced neuronal death & adjuvant pharmacotherapy & research supervision to clinical service delivery & a human neuron in vivo model Professor A Hart	<b>Trauma Sy</b> Chair: Mr J	
	11:06	Evidence for early adult brachial plexus nerve surgery Miss S Jivan	11:00	An overview of the BSSH trauma standards and their design MrJ Bedford
	11:15	Intrinsic neuronal mechanisms following peripheral nerve injury Mr A Reid	11:10	HandsFirst RCSEng QIP Professor V Lees - recorded video
	11:24	The reality and ambition of advanced therapies for peripheral nerve reconstruction Assoc Prof P Kingham	11:20	BAHT Therapy Standards for Hand Trauma Ms M Parkinson
	11:33	End to side neurosynthesis – fact or fiction Mr J Kelly	11:30	The 2024 Scaphoid Fracture Standard Mr W Mason
	11:42	Brachial plexus surgery – epidemiology, timing & diagnostic accuracy of traditional investigations Miss G Bourke	11:40	Hand Trauma Pathways, Referrals & Paediatrics Mrs S Tucker, Mrs A Jester
	11:51	Future diagnostic/prognostic measures and in vivo monitoring of nerve health Mr R Wade	11:50	<b>Hand Injury Prevention</b> Mr I McNab
12:00	2:00 Panel discussion			ussion + audience questions on trauma pathways

12:10	profes from t Mr D C Lunch LEDA Nailed Thread	re: Hand and wrist issues in elite sional golfers - 15 years experience he European Tour ampbell  , Networking and Exhibition lunchtime symposium: Hand Fractures: ! Introducing LEDA's Skeletal Dynamics ded Hand Nails  t upper limb debate session		Lunch, Networking and Exhibition  How to solve complications session	
10.00		: Mr J Haeney and Mr C Heras-Palou		Mr I Natalwala and Mr F Iwuagwu	
	13:30	Hand and upper limb transplant - my view Dr A Salawu	13:30	Missed or failed scaphoid/lunate ligament injury/repair Mr D Russell	
	13:40	Prosthetics -my view Miss A Barnard			
	13:50	Hand transplant Professor S Kay	13:45	Failed trapeziumectomy - what next? Mr S Talwalkar	
			14:00	Wrist arthroplasty osteolysis Mr M Boeckstyns	
	14:20	Prosthetics now and in the future - bionic, osseointegration, TMR Dr P Sassu	14:15	How to solve problems in flexor tendon repair Mr D Boyce	
			14:30	Scaphoid non-union - options for salvage Dr O Reigstad	
	14:50	Panel discussion	14:45	Panel discussion	
15:00		Refreshment br	eak and	exhibition	
15:30	Unexplained hand and wrist pain - What is it? What do we do? Chairs: Mr R Farnell and Miss M Birks			per session Dr D Leonard and Mr R Pinder	
	15:30	Adult rheumatology causes of wrist pain and fibromyalgia Dr J Maxwell	15:30	Healthcare provider awareness of decision support tools for the management of Dupuytren's disease and carpal tunnel syndrome – results from a self-administered online survey Mr K Sivasankaran	
			15:37	A virtual clinic pathway for Dupuytren disease Miss L Ross	

	15:45	Somatisation Mr J Hobby	15:44	The reprised role of the segmental (limited) fasciectomy in the post collagenase era  Dr A Msellati
			15:51	Explant analysis of Motec metal-on- carbon-fibre reinforced poly ether ether ketone (CFR-PEEK) wrist prostheses Professor T Joyce
	16:00	Over16 - hypermobility and causes of wrist pain Miss M Birks and Ms S Rodgers	15:58	Dynamic malposition associated with Motec prosthesis in wrist arthroplasty Dr C S Gowda
			16:05	Surgical training and microsurgical upper limb reconstruction – a comparison of outcomes Mr C Cuggy
	16:15	Unexplained bruising and pain of the hand Dr M Wood	16:12	Marking for carpal tunnel decompression surgery – should we stop using the distal wrist crease as the proximal margin?  Mr F Acquaah
			16:19	Preventing unnecessary metalwork penetration in distal radius fracture fixations in the orthopaedic department Miss H Morley
	16:30	Panel discussion - how I treated these cases?	16:26	Close
17:00		Close of the scientif	ic meet	ing programme
	17:00	BSSH Business Meeting/EGM		
	17:30	Close		



08:30	08:30	Registration		
	Main Le	ecture Hall (Royal Armouries Hall C)		Parallel Lecture Hall (Bury Theatre)
08:50				<b>aper Session</b> Mr R Wade and Mr H Dafydd
	08:55	Welcome	08:50	Tendon turnover technique and classification and clinical application in one stage Paneva - Holevitch procedure Mr A Barabas
	08:57	Strategy update Mr D Boyce and Miss G Bourke	08:57	Experience of living with chronic pain in conjunction with surgery for ulnar nerve compression at the elbow – a qualitative study Professor L B. Dahlin
			09:04	Patients with surgically treated neuroma have a high risk of long - term use of pain medication Professor L B Dahlin
			09:11	Diffusion tensor imaging of muscle alterations following sciatic nerve injury in rats Mr G Andersson
	09:18	FESSH Presentation Miss G Bourke	09:18	Health equity in scaphoid fractures and scaphoid fracture non-union at a large NHS Trust—13-year cohort analysis Mr U Rahman
	09:25	Belonging in hand surgery Mr J Paniker	09:25	Incidental findings associated with magnetic resonance imaging of the hand and wrist Dr M Beese
			09:32	Management of partial extensor tendon lacerations of the hand and forearm: a national survey of current UK practice Mr A Reed
	09:40	Autism and surgery Mr J Henderson	09:39	The effect of midcarpal fusions on dart thrower's motion: a cadaveric study Miss A Thompson

			09:46	A Comprehensive Network Meta-analysis Of Conservative Interventions For Thumb Carpometacarpal Osteoarthritis Mr A Thakker
			09:53	Close
10:00		Refreshment	break a	nd exhibition
10:30		guidelines update 2024 : Mr R Wade, Mr C Milner and Miss C	10:30	Registries Chairs: Ms A Lupu and Dr M Zimmerman
	10:30	BSSH guidelines for base of thumb arthritis Mr S Gangopadhyay	10:30	HAKIR-from an idea to routine practice Professor M Arner
	10:45	BSSH guidelines for thumb MCP joint ulnar collateral ligament injury Mr N Riley	10:45	<b>Wrist arthroplasty registry</b> Mr M Boeckstyns
11:00	Free paper infographic session Chairs: Mr R Wade, Mr C Milner and Miss C Hardie		11:00	Linking regional, hand surgery and diabetes registers - a fruitful combination  Dr M Zimmerman
	11:00	Preferred sutures and suturing techniques for the repair of zone 2 flexors amongst UK surgeons Mr K Al-masri		
	11:05	Restoring active shoulder external rotation in adults with internal rotation contracture after OBPP Mr P Wahlström		
	11:10	Reliability of clinical tests for prediction of occult scaphoid fractures and cost benefit analysis of a dedicated scaphoid pathway Mr A McDonough		
	11:15	Why did the polyethylene components of Universal II wrists fail: an explant analysis Professor T Joyce	11:15	PSPJLA (video presentation) Mr T Quick
	11:20	Nerve regeneration through topographically patterned biodegradable nerve conduit featuring adipose derived support cells; an in vivo study Dr S Thomson		

	11:25	The positive effects of botulinum toxin in the management of upper limb neuropathic pain Mr O Bloom		
	11:30	Computerised adaptive testing with the I-HaND scale for monitoring patients with upper limb nerve pathology Mr C Harrison	11:30	Panel discussion
	11:35	Cost-effective and environmentally sustainable cadaveric simulation training in hand surgery Dr H James		
	11:40	Can ultrasound reliably be used to assess stiffness of forearm tendons? Miss T Kelani		
	11:45	National survey of steroid injection practice by hand therapists Mrs L Cooper		
	11:50	Factors Influencing Surgical Treatment of De Quervain's Tendinopathy: a Retrospective Cross-Sectional Observational Study Mr A Thakker		
	11:55	Close		
12:00	BSSH Pioneer Lecture in honour of Professor Simon Kay Chair: Miss G Bourke  Microvascular Toe-to-hand transfer 19th April 1968 to April 2024; 56 years of evolution and innovation Mr M Pickford			
12:30		Lunch, Network	ing and E	Exhibition
	- TriMed V Specific A Mr Bhalla	lunchtime symposium Vrist Fixation: A Fragment - Approach Consultant Orthopaedic Hand at North Middlesex University		13

13:30		and MSc presentation of awards r: Mr M Brewster		ns hand surgery Mr R Bains and Miss I N Sletten
			13:30	Thumb hypoplasia Mr M Pickford
13:45	Socioeconomics in hand surgery populations Chairs: Professor L B Dahlin and Ms J McEachan		13:45	Assessment of outcomes in childrens hand surgery Mr W Lam
	13:45	Socioeconomic factors in nerve injuries and trigger fingers Professor L B Dahlin		
	14:00	Socioeconomic on carpal tunnel and Dupuytren's UK Professor D Furniss	14:00	Congenital transverse deficiency: Norwegian Epidemiolgy and Clinical study 1970-2019 Miss I N Sletten
	14:15	Socioeconomic factors in carpal tunnel syndrome and ulnar nerve entrapment Dr M Zimmerman	14:15	Panel discussion
	14:30	Scottish IMD and Dupuytren's Mr P Stirling		
	14:45	Panel discussion		
15:00		Refreshment	break ar	nd exhibition
15:30		<b>I session: How I do this</b> r W Bhat and Mr A Kocheta		<b>G Business Meeting</b> Miss G Smith and Ms A Jester
	15:30	Rearthroplasty for wrist? Mr M Boeckstyns		
	15:45	Lessons learned from/about DRUJ-arthroplasties Dr P Axelsson		
	16:00	Hemi hamate Mr J Henderson		
	16:15	Selective denervation Miss C Hernon		
	16:30	Panel discussion		
16:45		Close of the	e Scientif	ic Meeting

# Royal Armouries C (Main Lecture Hall) FREE PAPER PRESENTATIONS

### Thursday 25 April

09:12 – 10:00 – Royal Armouries C (main lecture hall) Chairs: Mr E P Jesudason and Ms C Chan

	+
09:12	Continuous measurement of hand health using the Patient Evaluation Measure Prof J Rodrigues, Mr R Trickett, Mr Nick Gape, Mr S Hettiaratchy, Mr C Harrison, (Senior)  Imperial College London, London, UK, Warwick Clinical Trials Unit, Warwick, UK, Cardiff and Vale University Health Board, Cardiff, UK, Imperial College Healthcare NHS Foundation Trust, London, UK, University of Oxford, Oxford, UK
09:19	Computerised adaptive testing produces accurate PRWHE scores from fewer questions, and measures two distinct factors of "Pain" and "Motor Function"  Dr M R Harvey, Mr J Rodrigues, Ms J McEachan, Mr S Tan, Mr C Harrison, Senior, Oxford University Hospitals NHS Trust, UK, Warwick Clinical Trials Unit, UK, Fife NHS Board, UK, University of Cambridge, UK, University of Oxford, UK
09:26	The burden of hand trauma surgery on primary care in the UK: a nation-wide analysis of antibiotic and opioid prescriptions  Mr J Wormald <sup>1,2</sup> , Dr M Catala-Sabate <sup>1</sup> , Dr A Demelstri <sup>1</sup> , Prof J Rodrigues <sup>3</sup> , Prof J Cook <sup>1</sup> , Prof M Costa <sup>1</sup> , Prof D Prieto-Alhambra <sup>1</sup> (Senior)  NDORMS, University of Oxford, Oxford, UK, Oxford University Hospitals NHS Foundation Trust, Oxford, UK, Warwick University, Warwick, UK
09:33	MISHAP: Managing Injuries - a study of hand appearance and psychosocial dysfunction Dr E Phoenix¹?, Dr E Geary², Mr D McLaughlin³, Mr C Morrison², Prof R Dolar² (Senior) ¹School of Medicine, University College Dublin, Ireland, ²Department of Plastic Surgery, St Vincent's University Hospital, Ireland, ³School of Psychology, University College Dublin, Ireland
09:40	UK military upper limb amputations 10 years after cessation of hostilities in the Middle East <sup>1</sup> Mr D Roberts, Surg Lt Cdr L Kilbane, Surg Capt S Stapley (Senior) Queen Alexandra Hospital, Portsmouth, UK

09:47 Sustainable Hand Surgery: incorporating water efficiency into clinical practice
Miss F Solari, Dr S Gasson, Mr E P Jesudason (Senior)

¹Ysbyty Gwynedd, Bangor, UK

# Bury Theatre (Parallel Lecture Hall) FREE PAPER PRESENTATIONS

# Thursday 25 April

15:30 - 16:30 Bury Theatre (parallel lecture hall) Chairs: Dr D Leonard and Mr R Pinder

15:30	Healthcare provider awareness of decision support tools for the management of Dupuytren's disease and Carpal Tunnel Syndrome – results from a self-administered online survey  Mr K Sivasankaran¹, Dr R Karl¹, Mr Z Naqui ², Mr M Horwitz (Senior)  ¹Chelsea & Westminster Hospital NHS Foundation Trust, Chelsea, UK, 2Northern Care Alliance NHS Foundation Trust, UK
15:37	A virtual clinic pathway for Dupuytren disease Miss L Ross <sup>1</sup> , Ms J McEachan <sup>1</sup> , Mr S Harrison <sup>1</sup> (Senior) <sup>1</sup> Queen Margaret Hospital, Fife, Dunfermline, UK
15:44	The reprised role of the segmental (limited) fasciectomy in the post collagenase era Dr A Msellati <sup>1</sup> , Dr T Derksen <sup>1</sup> , Dr PJ O'Donoghue <sup>1</sup> , Ms L Kearney <sup>1</sup> , Mr M O'Shaughnessy <sup>1</sup> , (Senior) <sup>1</sup> Cork University Hospital, Ireland
15:51	Explant analysis of Motec metal-on-carbon-fibre reinforced poly ether ether ketone (CFR-PEEK) wrist prostheses Professor T Joyce <sup>1</sup> , Dr G Kandemir <sup>1</sup> , Mr N Silver <sup>2</sup> , Professor D Warwick <sup>3</sup> , Mr D Brown <sup>2</sup> (Senior) Newcastle University, Newcastle upon Tyne, UK, Liverpool University Hospitals NHS FT, UK, Wessex Nuffield Hospital, UK
15:58	Dynamic malposition associated with Motec prosthesis in wrist arthroplasty Dr C S Gowda <sup>1</sup> , Ms M Baker <sup>1</sup> , Mr T J Halsey <sup>1</sup> , Mr A J Kocheta <sup>1</sup> , Mr J Paniker <sup>1</sup> (Senior)  ¹The Rotherham NHS Foundation Trust, Rotherham, UK
16:05	Surgical training and microsurgical upper limb reconstruction: a comparison of outcomes  Mr C Cuggy1, 2, Mr C Hurley 1, 2, Mr P Sullivan1, 2, Mr S Ibrahim 1, 2, Prof R Dolan 1, 2 (Senior)  ¹Beaumont Hospital, Ireland, ²Royal College of Surgeons, Ireland
16:12	Marking for carpal tunnel decompression surgery – should we stop using the distal wrist crease as the proximal margin?  Mr F Acquaah 1 Mr C Coombs 2, Ms E Gjelaj 3, Mr A Hunter 1 (Senior)  **University College London Hospital NHS Foundation Trust, Euston, UK,  **University College London Medical School, Euston, UK, 3** Francis Crick Institute, King's Cross, UK

Preventing unnecessary metalwork penetration in distal radius fracture fixations in the orthopaedic department
Miss H Morley, DD Reed, Mr R Jeffers (Senior)
<sup>1</sup> Bradford Royal Infirmary, Bradford, UK

# Royal Armouries C (main lecture hall) FREE PAPER INFOGRAPHIC SESSIONS

### Friday 26 April

Free paper infographic session 11:00 -11:55 - Royal Armouries C (main lecture hall) Chairs: Mr R Wade, Mr C Milner and Ms C Hardie

11:00	Preferred sutures and suturing techniques for the repair of zone 2 flexors amongst UK surgeons Mr K Al-masri¹, Miss A Dhannoon², Mr S Majumder¹(Senior) ¹The Mid Yorkshire Teaching NHS Trust, UK, ²Hull University Teaching Hospitals NHS Trust, UK
11:05	Restoring active shoulder external rotation in adults with internal rotation contracture after OBPP  Mr P Wahlström <sup>1</sup> , Mr D Welin <sup>1</sup> , Mr P Nordmark <sup>1</sup> (Senior) <sup>1</sup> Dep. of Hand and Plastic Surgery, Umea, Sweden
11:10	Reliability of clinical tests for prediction of occult scaphoid fractures and cost benefit analysis of a dedicated scaphoid pathway  Mr A McDonough¹, Mr T Dawson¹, Ms L McKee¹, Mr L Muir ȝ Miss J Ruston³, Mr Z  Naqui¹(Senior)  ¹Northern Care Alliance, Stott Lane, UK
11:15	Why did the polyethylene components of Universal II wrists fail: an explant analysis Professor T Joyce <sup>1</sup> , Dr G Kandemir <sup>1</sup> , Mr N Zreik <sup>2</sup> , Mr S Talwalkar <sup>2</sup> , Professor I Trail <sup>2</sup> (Senior), <sup>1</sup> Newcastle University, Newcastle upon Tyne, UK, <sup>2</sup> Wrightington, Wigan and Leigh NHS Trust, Wigan, UK
11:20	Nerve regeneration through topographically patterned biodegradable nerve conduit featuring adipose derived support cells: an in vivo study Dr S Thomson¹, ?Miss G Higgins², Ms C Lee², Dr C Berry², Dr B Nottelet⁵, Dr R Wallace⁴, Dr J Riddell ,²Dr M Riehle², Dr P Kingham³, Prof A Hart ½ (Senior) ¹Canniesburn Plastic Surgery Unit, NHS GGC, Glasgow, UK, ²Advanced Research Centre, University of Glasgow, Glasgow, UK, ³Umea Universitet, Umea, Sweden, ⁴Edinburgh University, Edinburgh, UK, ⁵Montpellier University, France
11:25	The positive effects of botulinum toxin in the management of upper limb neuropathic pain Miss T Papavasiliou <sup>1</sup> , Mr O Bloom <sup>1</sup> , Dr M Oyewole <sup>1</sup> , Dr D Pang <sup>1</sup> , Miss L Uppal <sup>1</sup> (Senior) <sup>1</sup> Guy's & St Thomas' NHS Foundation Trust, London, UK

11:30	Computerised Adaptive Testing with the I-HaND scale for monitoring patients with upper limb nerve pathology Dr M R Harvey¹, Mr R G Wade ⁷, Mr J Rodrigues⁴, Mrs C Jerosch-Herold⁵, Mr C KariaԴ, Mrs C Miller ȝ Miss G Bourke ², Ms A DonyԴ, Mr C McGheeȝ Mr C Harrison¹ (Senior) ¹Oxford University Hospitals NHS Trust, Oxford, UK, ²Leeds Teaching Hospitals NHS Trust, UK, ³University Hospitals Birmingham NHS Foundation Trust, UK, ⁴Warwick Clinical Trials Unit, UK, ⁵University of East Anglia, UK, ⁶University of Oxford, UK, ¬University of Leeds, UK
11:35	Cost-effective and environmentally sustainable cadaveric simulation training in hand surgery Dr H James¹(Senior) ¹University Hospital Coventry & Warwickshire, Coventry, UK
11:40	Can ultrasound reliably be used to assess stiffness of forearm tendons? Miss T D Kelani <sup>1</sup> , Dr E Astrinakis <sup>2</sup> , Dr P Sookur <sup>2</sup> , Dr W Lumsdaine <sup>2</sup> , Mr G Murphy <sup>2</sup> , Mr Y Li <sup>2</sup> , Mr M D Horwitz <sup>2</sup> (Senior), Dr A E Kedgley <sup>1</sup> <sup>1</sup> Imperial College London, London, UK <sup>2</sup> Chelsea and Westminster NHS Trust, London, UK
11:45	National survey of steroid injection practice by hand therapists Mr A Mustafaı, Miss S Jivanı Mrs L Cooperı(Senior)  Pinderfields General Hospital, Wakefield, UK
11:50	Factors Influencing Surgical Treatment of De Quervain's Tendinopathy: a Retrospective Cross-Sectional Observational Study Mr A Thakker4, Dr L Laiz, Mr N Johnson2, Professor J Dias3  *Wirral University Trust Hospitals, Wirral, United Kingdom, *Academic Team of Musculoskeletal Surgery, Leicester General Hospital, University Hospitals of Leicester NHS Trust, UK, *The Pulvertaft Hand Centre, Royal Derby Hospital, University Hospitals of Derby and Burton NHS Trust, UK, *James Cook University Hospital, Middlesbrough, UK



### Friday 26 April

Free paper session 08:50 – 10:00 - Bury Theatre (parallel lecture hall) Chairs: Mr R Wade and Mr H Dafydd

08:50	Tendon turnover technique and classification and clinical application in one stage Paneva-Holevitch procedure Mr A Barabas¹ ¹Hinchingbrooke Hospital, High Street, Hemingford Abbots, UK
08:57	Experience of living with chronic pain in conjunction with surgery for ulnar nerve compression at the elbow: a qualitative study  MD A Giöstad? OT I Carlsson 3MD E Nyman 4 Professor L B Dahlin¹ ¹Lund University, Dept of Translational Medicine - Hand Surgery, Malmö, Sweden, ²Linköping University, Department of Biomedical and Clinical Sciences, Linköping, Sweden, ³Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden, ⁴Department of Hand Surgery, Plastic Surgery and Burns, Linköping University Hospital, Linköping, Sweden
09:04	Patients with surgically treated neuroma have a high risk of long-term use of pain medication  MD E Dahlin¹, MSc R Perez³, MD M Zimmerman², MD J Merlo⁵, MD E Nyman ,⁶ Professor L B Dahlin⁴ ¹Lund University, Department of Translational Medicine - Hand Surgery, Malmö, Sweden, ²Department of Orthopedics, Helsingborg hospital, Helsingborg, Sweden, Lund university,³Department of Clinical Sciences, Unit for Social Epidemiology, Malmö, Sweden, ⁴Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden, ⁵Center for Primary Health Research, Region Skåne, Malmö, Sweden, ⑤Department of Hand Surgery, Plastic Surgery and Burns, Linköping University Hospital, Linköping, Sweden
09:11	Diffusion tensor imaging of muscle alterations following sciatic nerve injury in rat  Mr A Lundgren¹, Professor M Wiberg¹,², Professor L Novikov¹, Mr G Andersson,¹² ¹Dept of Integrative Medical Biology, Umea University, Umea, Sweden, ²Dept of Surgical and Perioperative Sciences, Hand surgery, Umea University, Umea, Sweden
09:18	Health equity in scaphoid fractures and scaphoid fracture non-union at a large NHS Trust—13-year cohort analysis  Mr U Rahman¹, ², Mr D S Edwards¹, Miss L Newington¹, Mr L Dimascio¹, Mr D  Williams¹, Mr K R Vaghela¹, Professor X Griffin ¹, ² Miss J Lane¹,²  ¹Barts Bone and Joint Health, UK, ²The Royal London Hospital, Barts NHS  Trust, UK

# 09:25 Incidental findings associated with magnetic resonance imaging of the hand

Dr M Beese<sup>1</sup>, Dr P Gurung<sup>1</sup>, Mr J Hall<sup>2</sup>, Dr A Shuttleworth<sup>1</sup>, Ms S Zhen <sup>3</sup>, Mr C Karia<sup>1</sup>, <sup>3</sup>, Associate Professor G Bourke<sup>1</sup>, <sup>3</sup>, Mr R Wade<sup>1</sup>, <sup>3</sup>
<sup>1</sup>Department of Plastic, Reconstructive and Hand Surgery, Leeds Teaching Hospitals Trust, Leeds, UK, <sup>2</sup>Institute of Applied Health Research, University of Birmingham, UK, <sup>3</sup>Leeds Institute for Medical Research, University of Leeds,

# 09:32 Management of partial extensor tendon lacerations of the hand and forearm: a national survey of current UK practice

IJK

Mr A Reed<sup>1</sup>, Mr R Wade<sup>2</sup>, Mr J Wormald <sup>3</sup>, Miss K Dickson <sup>4</sup>, Mr A Mantelakis<sup>4</sup>, Mr D Izadi <sup>5</sup>, Professor D Furniss<sup>3</sup>

<sup>1</sup>Stoke Mandeville Hospital, Buckinghamshire Healthcare NHS Trust, Aylesbury, UK, <sup>2</sup>Leeds Institute for Medical Research, University of Leeds, UK, <sup>3</sup>Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Science, Botnar Research Centre, UK, <sup>4</sup>University Hospital Birmingham NHS Foundation Trust, Queen Elizabeth Hospital, UK, <sup>5</sup>University Hospital Coventry and Warwickshire NHS Foundation Trust, UK

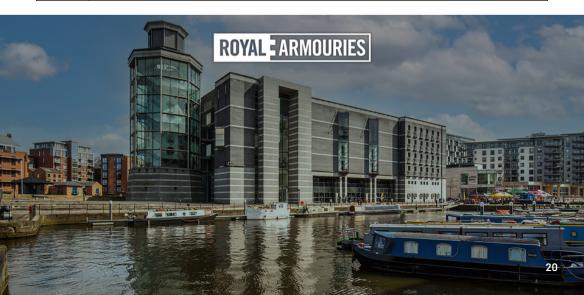
# 09:39 The effect of midcarpal fusions on dart thrower's motion: a cadaveric study Miss A Thompson<sup>1</sup>, Mr J Kennedy, <sup>2</sup>, Miss P Rust <sup>1</sup>, <sup>2</sup> <sup>1</sup>Edinburgh Medical School, The University of Edinburgh, UK, <sup>2</sup>Hooper Hand

<sup>1</sup>Edinburgh Medical School, The University of Edinburgh, UK, <sup>2</sup>Hooper Hand Unit, St John's Hospital, UK

# 09:46 A Comprehensive Network Meta-analysis Of Conservative Interventions For Thumb Carpometacarpal Osteoarthritis

Mr A Thakker¹, Ms M Hau², Dr J Ramchandani³ Mr N Johnsom, Professor A Sutton⁵, Professor J Dias1

¹Academic Team of Musculoskeletal Surgery, UK, ²Leicester General Hospital, UK, ³Queen Alexandra Hospital, UK, ⁴The Pulvertaft Hand Centre, UK, ⁵University of Leicester, UK



### Hand Surgery: historical international perspective

Mr K Al-masri <sup>1</sup> Miss S Jivan <sup>1</sup> (Senior)

<sup>1</sup>The Mid Yorkshire Teaching NHS Trust, Wakefield, UK

# Diffusion tensor imaging of peripheral nerve injury in rat - Insights into feasibility and timing of scans.

Mr A Lundgren<sup>1</sup>, Professor M Wiberg<sup>1</sup>, ? Professor L Novikov <sup>1</sup>, Mr G Andersson<sup>1</sup>, <sup>2</sup> (Senior)

<sup>1</sup>Dept of Integrative Medical Biology, Umea University, Umea, Sweden, <sup>2</sup>Dept of Surgical and Perioperative Sciences, Hand Surgery, Umea University, Umeå, Sweden

# Do plastic surgery patients conduct self-directed research into their own hand conditions and are patients satisfied with the explanation of what conditions are and procedures involve? A single centre survey

Mr E Campbell 1 Dr M Nowrin 1 Mr S Majumder 1 (Senior)

<sup>1</sup>Pinderfields Hospital, Mid Yorkshire Teaching NHS Trust, UK

# The sourcing of up-to-date knowledge on hand injuries and conditions – is this difficult for primary care?

Mr E Campbell<sup>1</sup>, Mr S Majumder <sup>1</sup> (Senior)

<sup>1</sup> Pinderfields Hospital, Mid Yorkshire Teaching NHS Trust, UK

# Retrospective cohort study of union rate in operative treatment of scaphoid non-union

Miss N Carroll<sup>1</sup>, Dr S Picker<sup>1</sup>, Miss B Jelpke<sup>1</sup>, Mr R Pratt<sup>1</sup> (Senior)

<sup>1</sup>Northumbria NHS Foundation Trust, UK

# Identifying key fracture fragments in distal radius fractures: are traditional methods of assessment appropriate?

Mr T Cash<sub>1</sub> Mr D Karthikappallil <sub>1</sub> Mr M Solari<sub>1</sub>, Mr C Wyatt<sub>1</sub>, Mr G Cheung<sub>1</sub>, Mr D Brown (Senior)

<sup>1</sup>Liverpool University Hospitals NHS Foundation Trust, Liverpool, UK

### Nail gun injury to the hand wrist: a systematic literature review

Dr E Phoenix<sup>1</sup>, Dr S Chintapalli<sup>1</sup>, Dr S Cullen<sup>1</sup>, Dr R Dolan<sup>1</sup>(Senior)

Department Of Plastic and Reconstructive Surgery, St Vincent's University Hospital, Dublin, Ireland

# Intra-operative Indocyanine Green Angiography (ICGa) as an adjunct to safe and reliable superficial fascial plane free-tissue elevation in upper limb reconstruction

Mr J Clements<sup>1</sup>, Dr J Clements<sup>1</sup>, Mr M McBride<sup>1</sup> (Senior)

<sup>1</sup>The Ulster Hospital Dundonald, Belfast, UK

### Reliable, Cheap and adaptable suspension technique for wrist arthroscopy

Mr M Hachem<sup>1</sup>, Mr J Compson<sup>1</sup> (Senior)

<sup>1</sup>Kings College Hospital, London, London, UK

# Circumferential digit marking to prevent inadvertent wrong site surgery or anaesthetic administration

Miss A Dhannoon<sup>1</sup>, Miss I Shariat<sup>1</sup>, Mr C Milner <sup>1</sup>(Senior)

1Hull University Teaching Hospitals NHS Trust, Cottingham, UK

# Skill acquisition in zone II flexor tendon repair; a pilot study of the Edinburgh Structured Assessment of Flexor Tendon Repair (ESAFTER)

Dr E Faulkner<sup>1</sup>, Mr M Hadijandreou <sup>1</sup>, Mr J Kennedy <sup>1</sup>, Miss P Rust<sup>1</sup>(Senior)

<sup>1</sup>Department of Plastic and Reconstructive Surgery, St John's Hospital Livingston, UK

# Attrition rupture of flexor tendons after distal radius fixation: patient-reported outcomes after surgical management

Ms A Haddon<sup>1</sup>, Mr P HC Stirling<sup>2</sup>, Mr S G Molyneux <sup>1</sup>, Mr A D Duckworth <sup>1</sup>, Ms C K Simpson <sup>2</sup> (Senior)

<sup>1</sup>Department of Trauma and Orthopaedic Surgery, Royal Infirmary of Edinburgh, UK, <sup>2</sup>Department of Plastic Surgery, St John's Hospital, Livingston, UK

# Magnetic resonance imaging for detecting root avulsions in obstetric brachial plexus injuries

Miss C Hardie<sup>1</sup>,<sup>2</sup>, Mr C Karia<sup>1</sup>,<sup>2</sup>, Dr J Kraft<sup>1</sup>, Mr R Bains<sup>1</sup>, Professor S Kay<sup>1</sup>, Miss G Bourke<sup>1</sup>,<sup>2</sup> (Senior)

<sup>1</sup>Leeds Teaching Hospitals Trust, Leeds, UK, <sup>2</sup>University of Leeds, UK

# The elephant on the scan ulnar nerve compression by anomalous superficial muscle – Case Report

Ms M Ibrahim<sup>1</sup>, Mr J Henderson<sup>1</sup>(Senior)

<sup>1</sup>Southmead Hospital, NBT, Bristol, UK

### Lessons from the pandemic for hand surgery in Wales

Mr O Lawrence<sup>1</sup>, Mr V Shanbhag<sup>1</sup> (Senior)

<sup>1</sup>Aneurin Bevan University Health Board, Cwmbran, UK

# Trapeziectomy versus total joint arthroplasty: a comparison of health utility outcomes collected by the UK Hand Registry

Mr W Matthews<sup>1</sup>, Mr G Hourston <sup>1</sup>, Mr A Chojnowski <sup>1</sup>(Senior)

Norfolk & Norwich University Hospital, Norwich, UK

### Management of the acutely ischaemic hand

Dr H McCance<sup>1</sup>, Mr T Noblet<sup>1</sup>, Mr R Bains <sup>1</sup>, Mr W Bhat<sup>1</sup> (Senior)<sup>1</sup> LTHT, Leeds, UK

### An upper limb burn from a cryotherapy chamber on the High Street- Beware!

Dr C Cudden<sup>1</sup>, Ms S Mccrossan<sup>1</sup>, Ms S Beecher<sup>1</sup>(Senior)

1Rcsi, Hillsborough, UK

### Clear cell sarcoma of the limbs- a frightening diagnosis!

Dr C Cudden , Ms S Mccrossan , Mr J Kelly (Senior) Cork University Hospital, Cork, Ireland

# Self-amputation in the upper limb: case presentations and literature review of psychiatric management peri-operatively

Mr D McGrane , Miss N Cain , Mr H Wright , Mr S Hasham (Senior)
University Of Nottingham, Nottingham, UK, Queens Medical Centre, Nottingham, UK

# Accessory flexor carpi ulnaris muscle: a rare cause of ulnar nerve compression at the wrist (case report)

Miss A Moore<sup>1</sup>, Mr K C Lee<sup>1</sup>, Miss H Hindiyeh<sup>1</sup>, Mr S George<sup>1</sup> (Senior) <sup>1</sup>Queen Elizabeth Hospital Birmingham, UK

# An online review of patient information for volar plate injuries in NHS trusts across the UK

Mr A Mustafaı, Miss S Jivanı(Senior) ıMid Yorkshire Hospitals NHS Trust, Wakefield, UK

### Patient perceptions of hand injury at a single centre unit - a survey

Mr A Mustafa, Miss S Benz 2 Miss C Stephenson 2, Mr S Southern 1 (Senior) 1Mid Yorkshire Hospitals NHS Trust, Wakefield, UK, 2 University of Leeds, UK

# Development of eye-hand-coordination assessment as an objective tool for evaluation of functional outcome after peripheral nerve injury affecting the hand Mr K Ung 3 Mr J M. Yau 3 Dr P Nordmark 1,2,4 (Senior)

1The Department of Medical and Translational Biology, Umeå University, Sweden, 2The Department of Diagnostics and Intervention, Umeå University, Sweden, 3Baylor College of Medicine, USA, 4Hand and Plastic Surgery Clinic, University Hospital of Northern Sweden, Sweden

### **POSTERS**

# Digit representations in the primary somatosensory cortex (S1) after median nerve injury, repair and reinnervation

Dr P Nordmark 1,2,3 (Senior)

<sup>1</sup>Hand and Plastic Surgery Clinic, University Hospital of Northern Sweden, Umeå, Sweden, Umeå, Sweden, <sup>2</sup>The Department of Medical and Translational Biology, Umeå University, Sweden, <sup>3</sup>The Department of Diagnostics and Intervention, Umeå University, Sweden

# Reverse palmaris longus involving guyon's canal causing ulnar nerve compression Mr D Peberdy<sup>1</sup>, Mr S Guiral<sup>1</sup>(Senior)

<sup>1</sup>University Hospitals Plymouth, UK

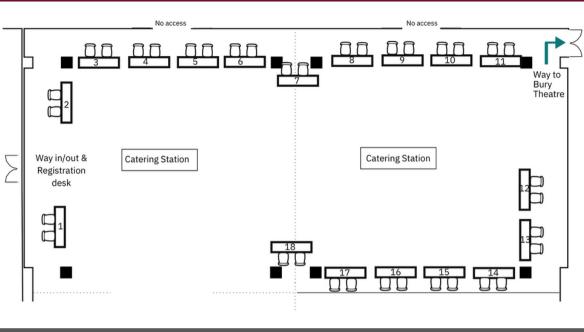
# Optimising workload and patient care: audit of a local scaphoid fracture pathway Dr T Poulton<sup>1</sup>, Miss S Donoghue<sup>1</sup>, Miss G Kennedy<sup>2</sup>, Miss A Perusseau-Lambert<sup>3</sup>, Miss S Fullilove<sup>1</sup>, Mr C Gozzard<sup>1</sup>(Senior)

<sup>1</sup>University Hospitals Plymouth NHS Trust, UK, <sup>2</sup>Royal Cornwall Hospitals NHS Trust, UK, <sup>3</sup>Guy's and St Thomas' NHS Foundation Trust, UK

Patient satisfaction using Wide Awake Local Anaesthesia No Tourniquet (WALANT) in adults undergoing elective hand surgery: a systematic review and meta-analysis Mr A Siu 1, Miss R S Wong 2, Miss Z Ahmed 2, Mr C Talwar 3, Mr D Nikkah 3, 4 (Senior) 1 GKT School of Medical Education, London, UK, 2 University College London Medical School, London, UK, 3 Department of Plastic and Reconstructive Surgery, Royal Free London NHS Foundation Trust, London, UK, 4 UCL Division of Surgery and Interventional Sciences, London, UK



### Exhibition floorplan - Hall A & Hall B



BSSH Registry (Registration desk)
BSSH Global Partnerships (Hall C)

SCOOTT (Hall C)
Arthrex (Foyer)

H&M Medical (Foyer)

- 1. Acumed
- 2. Sychem Surgical
- 3. Mercian
- 4. Joint Operations
- 5. Össur
- 6. PolyNovo UK Limited
- 7. LEDA

- 8. Surgical Holdings
- 9. MIS Healthcare 10. Lavender Medical
- 11. Sovereign Medical
- 12.Medartis
- 13. Anetic Aid Ltd
- 14. KLS Martin
- 15. IGEA Medical 16. Osteotec
- 17. SE1 Lorenzo Garagnani Hand Rejuvenation
- 18. Vertec



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Lorenzo Garagnani OSI MD PGDip (Aesthetic & Wellness Medicine) FRCS EBHS DipHandSurg is a dually qualified hand surgeon and aesthetic doctor with over 15 years experience in both fields. His work and research are focused on increased patient safety. His anatomically based hand rejuvenation injection techniques have been published in the Aesthetic Medicine journal.

Lorenzo teaches globally on this topic and is an advocate for hand pro-ageing and rejuvenation research and procedures to be integrated in the specialist hand surgeons' practice. He runs a CPD accredited masterclass to teach these techniques in his London Bridge based clinic, SE1 Medical Aesthetics.



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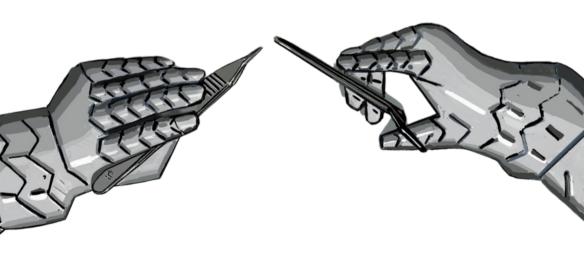
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### INFORMATION FOR DELEGATES

#### Venue

# Thursday 25 to Friday 26 April 2024 – BSSH Spring Scientific Meeting, Leeds

Royal Armouries Museum Armouries Dr Leeds I S10 II T

### Conference rooms

Main conference room: Royal Armouries Hall C - BSSH Spring Scientific Meeting, Leeds Thursday 25 to Friday 26 April Parallel session - Bury Theatre, - BSSH Spring Scientific Meeting, Leeds Thursday 25 to Friday 26 April

### Baby and carer room

Baby carer is in the Barton Suite.

### Registration and information desk

Registration desk is in the Vera Suite It will be open at the following times: Thursday 25 April – 07.45 – 17.00 Friday 26 April – 08.30 – 15.30

#### Cloakroom

There is no formal cloakroom available, coat rails will be available in the foyer where the registration desk is situated.

#### **Posters**

Poster Viewing
Posters can be viewed in Royal Armouries
Hall C

### Wi-Fi

Wi-Fi is available at the Royal Armouries.

#### **Exhibition**

The trade and exhibition will be available to view throughout the conference, taking place in Royal Armouries Hall A and B. There are a few stands in the registration foyer. The BSSH Audit, Arthrex, HM Medical and BSSH Global Partnership stand will be available in the registration foyer.

#### Lunch and refreshments

Catering points can be found in the trade exhibition areas Royal Armouries Hall A and B.

### **Taping of sessions**

Any videoing, photography and sound recording of the conference sessions is strictly forbidden, without prior written permission from the organising committee.

### Speaker loading

Speaker loading is in the Aire Suite.

### Conference app

Download the conference app via your device's app store – search for 'The Event App by Events Air'. Then enter the app code: bsshspring24, then you will be required to log in, with your email address and the app pin that was sent to you in your joining instructions.

The app provides the full programme, abstracts and speaker biographies in an easily accessible format that, once downloaded, can be used without a connection to the internet. Within the app you can also opt in or out of the delegate list.

### INFORMATION FOR DELEGATES

### **Future meetings**

BSSH Instructional Course in Hand Surgery 9.1 Soft tissue reconstruction, burns and infection

7-8 June 2024, Manchester

**BSSH Cadaveric Masterclass** 

6 June 2024, Manchester

**BSSH Autumn Scientific Meeting 2024** 

14-15 November 2024, The ICC, Belfast

### Registration

Online registration is available throughout the conference, visit the website to register.

https://www.bssh.ac.uk/about/events/4621/bssh\_spring\_scientific\_meeting2024

### Registration rates are:

Thursday 25 to Friday 26 April (Main scientific meeting) Standard rate Tickets for social events are not available to those registering while the meeting is in progress, please visit the registration desk.

### **CPD** points

The following CPD points have been awarded for this meeting:

CPD points:

Thursday 25 April: 6.5 points Friday 26 April: 6 points Full Meeting (Thursday and Friday): 12.5 points

\*Certificates with confirmation of CPD points will be sent to all delegates in the week after the event by email.

### Photographs and videos

Photographs and videos may be taken during sessions, break times, exhibition and social events which may be shared on our website, social media and BSSH Member Bulletin. If you wish to be excluded from photographs and/or videos, please come and speak to us at the registration desk.

For more information about how we will use your data, please read <u>The BSSH</u> <u>Privacy Policy</u>.

Registration categories	Full Meeting (2 days)	One day (Thursday or Friday)
BSSH Fellow members /International / Consultant associates	£450	£230
BSSH Associate /International (Trainees) / Affiliate members (allied health professionals)	£240	£125
BSSH Hon/senior	£140	£75
Trainee non member	£275	£140
Med student/nurse	£60	£35
Therapist (non-members)	£255	£130
Consultant / Other non member	£475	£240
BSSH STASH	£55	£30

### INFORMATION FOR DELEGATES

### Social and networking

Thursday 25 April - Society Dinner

# The Society dinner will be held at The Oueens Hotel, Leeds.

Come along and enjoy a three course meal and local entertainment.

Tickets for social events are not available to those registering while the meeting is in progress, please visit the registration desk.

BSSH members attending the full meeting will receive a discounted dinner ticket at £25.00 All other attendees to pay £75.00 for a

dinner ticket.

### Venue

The Queens Hotel
New Station Street City Square
Leeds
L S1 1P. J

#### Dinner schedule

19:30 - 20:00 Arrival and drinks reception 20:00 - 22:00 Dinner to be served - three-course sit down meal 22:00 - 00:00 Entertainment - band

**Dress code**Formal black tie

Special thanks to James Henderson for designing the artwork for the BSSH Scientific Spring meeting.

# **HANDS ON:**

# BSSH Patient and Public Involvement and Engagement Network

HANDS ON is a network for patients, family members, caregivers, and the general public who want to contribute to the work of the BSSH. We're here to make a difference and improve the lives of patients with hand conditions through patient and public involvement and engagement (PPIE).



Please ask your patients to consider joining.

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# HELP HEAL THE HANDS OF MALAWI LION HAND UNIT









The BSSH LION Hand Unit has now started its second year of this 5 year project and the momentum and energy continues to grow, with new volunteers engaging and adding value to this inspiring project at Kamuzu Central Hospital in Lilongwe.

### **About LION**

The Lilongwe Institute of Orthopaedics and Neurosurgery (LION) is a new purposebuilt healthcare facility for treating injured Malawian patients free of charge. It is attached to the Kamuzu Central Hospital, in Lilongwe, which serves a catchment population of several million people.

### **About Malawi**

Malawi is one of the 10 poorest countries in the world and has the 9th highest rate of road traffic deaths in the world. For every death, there are 25 non-fatal injuries causing permanent disability which can affect whole families, leading to poverty and dependency.

### How we are helping

BSSH and BAHT volunteer surgeons and therapists will work in the LION Hand Unit for five years, assisting in the delivery of life changing treatment for patients with elective and traumatic conditions of the hand.

Through education and clinical training, LION aspires to become self-sufficient in the provision of specialist hand services by the end of the project.



Support our volunteer hand surgeons and hand therapists.

Please donate what you can!

