



British Scoliosis Society

PROGRAMME

BSS 2024

21ST & 22ND November 2024

EDUCATIONAL DAY 20TH NOVEMBER 2024

EASTSIDE ROOMS

BIRMINGHAM UK

HOSTED BY THE NORWICH TEAM



EXCEPTIONAL TECHNOLOGY FOR EXTRAORDINARY CARE



ExcelsiusGPS™

Change the Way Surgery Is Done

ExcelsiusGPS™ never makes you choose between performance and efficiency in your OR. Introducing the world's first robotic navigation system to offer a rigid robotic arm with full navigation capabilities in one adaptable platform. Designed to enhance safety and accuracy for both spine and cranial stereotactic procedures, the technology combines preoperative navigation planning with fully integrated trajectory alignment. Stay ahead of the curve with one dependable system for two surgical applications.

Learn how at Excelsius-GPS.com

Visit us at
**Stand
16**



**GLOBUS
MEDICAL**

CONTENTS

Introduction to the British Scoliosis Society	4
Greg Houghton.....	5
Welcome message from BSS 2024 Organising Committee	6
Welcome message from BSS 2024 President.....	7
BSS 2024 Organising Committee	8
Useful Information for Delegates.....	10
Social Events	12
Nearby Restaurants	13
BSS 2024 Keynote Speakers	14-16
BSS 2024 Educational Day Programme.....	17
BSS 2024 AHP & Nurses Day Programme	18-19
Conservative Day Care Programme	20-21
NPSAN Meeting Programme	22
BSIN Meeting Programme	24-25
Oral Presentations.....	26-29
Poster Presentations.....	30-31
Full Programme	34-39
Thursday 21st November 2024.....	34
Friday 22nd November 2024.....	37
Exhibition Floorplan.....	40
Exhibitors Names and Stand Numbers.....	41
Sponsor Profiles	42-44
Forthcoming Meetings.....	46

INTRODUCTION TO THE BRITISH SCOLIOSIS SOCIETY

The objective of the British Scoliosis Society (BSS) is to provide a forum for the study of the origin, natural history and treatment of spinal deformities.

In furtherance of the objective, the society shall:

Attempt to ensure the highest possible standards of management for individuals with spinal deformities.

Promote, finance and organise research and development in the field of spinal deformities.

Educate the community in general, and medical practitioners and associated professionals in the most effective methods of recognition, prevention, treatment, and long-term management of spinal deformities.

The society may accumulate funds and receive donations to further the above objectives.

Members of the BSS are involved in the training of future spine surgeons who are encouraged to join the Society.

BSS conferences are held annually and are usually held over 2 days. They involve the presentation of the latest spinal surgery techniques, instructional sessions, and free papers. The meeting attracts approximately 200 delegates.

Previous BSS conferences:

2023	Liverpool
2022	Edinburgh
2021	Postponed due to Covid Pandemic
2020	Postponed due to Covid Pandemic
2019	Cardiff
2018	Belfast (Combined with the Irish Spine Society)
2017	Birmingham
2016	Middlesbrough
2015	Sheffield
2014	Bristol
2013	Stoke

If you would like to receive more information about BSS, please visit our website www.britscoliosis.org.uk.

BSS EXECUTIVE MEMBERS

Post	Name
President	Neil Oxborrow
President-Elect	
Past-President	Ashley Cole
Secretary	Niall Eames
Treasurer	Lee Breakwell
Education	Edward Bayley
Research	Adrian Gardner
Governance + BSR	Shreya Srinivas
Membership and Webmaster	Sudarshan Munigangaiah
Trainees' Representative	Surya Gandham
AHP Representative	Laura Kenison
BSS 2024 – Birmingham (Norwich) - Local Host	Girish Swamy
BSS 2025 – London – Local Host	Jonathan Lucas

Greg Houghton -From BMJ – 26 November 1988

Gregory Reginald Houghton, MB, BChir, FRCS, Consultant Surgeon to the Nuffield Orthopaedic Centre and John Radcliffe Hospital, Oxford, died on 18 September 1988, only hours after a road traffic accident.

He was born on 29 October 1944 and spent some of his earlier years in the Middle East, where his father was working. He was educated at Oakham School, Rutland and at Emmanuel College, Cambridge, where he met Helene, whom he later married. He completed his medical studies at St Thomas's Hospital, London, graduating in 1970 and then returned to Cambridge as an anatomy demonstrator.

After doing his general surgical training in Oxford and a year at the Nuffield Orthopaedic Centre he became a registrar in the Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry. He also spent a year in a district general hospital in Rhyl. He returned to the Nuffield Orthopaedic Centre in 1975 and soon established himself as a hardworking and thoughtful academic surgeon full of ideas and commitment.

He made important contributions to the growth problems of children and in the condition osteogenesis imperfecta and its treatment by inflatable splints, as well as new bracing and operative techniques for scoliosis. Through his wife, who is French and having a natural gift for languages, Gregory was an excellent French speaker. He was awarded a French government scholarship to do research in the Institut Calot, Berck-Plage during 1978-9 and this was a happy year for him and his family.

On returning to Oxford he was promoted to clinical reader in the Nuffield department of orthopaedic surgery and was asked to serve as an adviser on the scientific council of the Institut Calot and on the orthopaedic monospecialist committee of the European Community, of which he was invited to become president shortly before his death.

In 1983 he decided not to become totally academic and was appointed an NHS consultant to the Nuffield Orthopaedic Centre, Oxford. He continued to do research, teach and build up an exemplary orthopaedic practice with a special interest in spinal surgery. He was one of the originators of the Isis moire fringe scanning device which is now used all over the world.

A moral, giving and considerate man, he went out to the West Bank of Israel under the auspices of the Pontifical Mission and Save the Children Fund to establish a spinal unit in the Arab part of Bethlehem. He was also kind, courteous and unassuming and had wide interests. He is survived by Helene; their two sons, Marc and Christophe; and one daughter, Maguelone.

Greg Houghton Lectures

2023: Ferran Pellisé

"Advancements In Adult Spine Deformity Surgery: Current Status And Future Frontiers"

2022: Robert Crawford

"To the Front and Back Again: a Journey in Scoliosis Surgery"

2021: Postponed due to Covid Pandemic

2020: Postponed due to Covid Pandemic

2019: Ian Nelson

"Scoliosis surgery in children with Cerebral Palsy"

2018: Geoff Askin

"Early Onset Scoliosis and Endoscopic Surgery; The Australian Experience"

2017: Jim Sanders

"The Changing Paradigm in Scoliosis Care: What we do know and we must learn"

2016: Richard McCarthy

"Shilla guided growth for EOS"

2015: Dr Pierre Rousouly

"Sagittal Spino-Pelvic shape identification in Adult deformities and its application in treatment Strategy"

2014: David Skaggs

"Early Onset Scoliosis"

2013: Kemal Ibrahim

"Enhancement of safety in the surgical environment: A global perspective"

WELCOME MESSAGE FROM BSS 2024 ORGANISING COMMITTEE

Colleagues and Friends,

The 46th Annual Meeting of the British Scoliosis Society will take place at the Eastside Rooms in Birmingham, UK on the 21st and 22nd November 2024.

The meeting will be preceded by an educational day for trainees and surgeons and an Allied Health Professional Day that will take place on Wednesday, 20th November 2024. This is very popular among the Senior Trainees, Fellows and Consultants providing an opportunity to interact and share experiences with the distinguished faculty from across the Globe in topics of major interest within our specialty. Over the years, this annual meeting has grown bigger attracting faculty and delegates from various countries and has provided a stable platform for participants to enrich their knowledge and develop new ideas that can be transferred in their clinical and academic practice.

The main part of the Meeting is run over two days in conjunction with The British Society of Intraoperative Neurophysiology, the National Paediatric Spinal Anaesthetist Network and the national group of our Spinal Liaison Nurses, Spinal Physiotherapists and Orthotists. We strongly encourage close collaboration with our Anaesthetic Colleagues and Allied Health Professionals who will be running their own sessions but who will also join us for combined discussions that can enhance improvements in patient care.

We expect around 300 participants who are directly involved in the care of paediatric and adult patients with spinal deformities to attend and actively participate in our meeting. Among them, we have several distinguished National and International guest speakers who will provide their expert opinion and personal experience in a range of very interesting and debated topics.

This meeting creates an ideal platform to further promote direct cooperation between Clinicians and our Industry Colleagues who have a vital role in the delivery of care to our scoliosis and spinal deformity patients. This meeting allows for direct interaction between our groups of participants and for our industry colleagues to present their products, newer innovations, and advancement in technologies. There is always a keen interest among delegates to understand and possibly try some of the innovative newer technologies available. This also provides a great platform for personal interactions between clinical and industry colleagues potentially leading to better working partnerships. I personally view this relationship crucial, as this partnership is vital in delivering high quality patient care with the aim to constantly improve our clinical outcomes and reducing complications.

We are extremely honoured and very pleased to have this opportunity to welcome you all to this annual meeting hosted by the Norfolk and Norwich Spine Unit. We can assure you that you will enjoy the scientific and social aspects of our meeting as much as we highly value your contribution to the success of our educational and clinical activities. On behalf of the organising committee and the BSS Executive I would like to take the opportunity to sincerely thank you for your continuous support to our medical education.



Girish Swamy

BSS 2024 Local Host

**Consultant
Orthopaedic Spinal
Surgeon**

Norfolk and Norwich
University Hospitals NHS
Trust, Norwich

WELCOME MESSAGE FROM NEIL OXBORROW

President – British Scoliosis Society

Dear Colleagues,

Welcome to the 2024 Annual Conference hosted by the team in Norwich. This is the first year where the size and constraints of a successful modern meeting have meant that we were unable to find a suitable venue in the host City. This was very difficult for the Norwich team and Mosaic Conference organisers who were looking forward to introducing us to their beautiful City. I would like to thank them on behalf of the society for their flexibility and hard work in delivering this meeting and we will all hopefully still get a taste of East Anglia. We are very grateful to all the local team members who have made the effort to travel and contribute to the Main Conference, AHP day and Educational programme.

Once again it is a pleasure to welcome the National Paediatric Spinal Anaesthetic Network (NPSAN) and British Society of Intraoperative Neurophysiology (BSIN).

We have made every effort to make sure that our conference has something for everyone and reflects the diverse nature of the society's membership.

I would like to thank the Faculty, both National and International for their time and commitment to delivering the highest quality content.

We had a large number of abstracts submitted and unfortunately we were unable to accept everyone, we thank all who submitted their work.

Finally I'd like to thank all of you for coming and I hope you all enjoy your time here and let's all try to imagine we are in Norwich.

BSS President

Consultant Spinal Surgeon, Manchester, UK



Neil Oxborrow

BSS President

**Consultant
Orthopaedic and Spine
Surgeon**

Royal Manchester
Children's Hospital

BSS 2024 Local Hosts



Girish Swamy

BSS Local Host & Educational Day Organiser

Consultant Orthopaedic & Spinal Surgeon

Norfolk and Norwich University Hospitals NHS Trust, Norwich



Lennel Lutchman

BSS Local Host

Consultant Orthopaedic & Spinal Surgeon

Norfolk and Norwich University Hospitals NHS Trust, Norwich

BSS 2024 Additional meeting Organisers

Educational Day Organiser



Edward Bayley

Consultant Orthopaedic Spinal Surgeon

Queens Medical Hospital, Nottingham

AHP & Nurses Day Organiser



Leanne Ingham

Spinal Deformity Clinical Practitioner

Norfolk and Norwich University Hospitals NHS Trust, Norwich

AHP & Nurses Day Organiser



Charlotte El-Labany

Spinal Deformity Clinical Practitioner

Norfolk and Norwich University Hospitals NHS Trust, Norwich

AHP & Nurses Day Organiser



Fran Sutton

Clinical Physiotherapy Specialist Paediatric Orthopaedics

Norfolk and Norwich University Hospitals NHS Trust, Norwich

BSS 2024 Additional meeting Organisers

NPSAN organiser



Judith Morgan

Consultant Anaesthetist

Royal Hospital for Children and Young People, Edinburgh

Conservative Care Day Organiser



Andrew Mills

Clinical Specialist

Sheffield Children's NHS Foundation Trust

Conservative Care Day Organiser



Gordan Lindsay

Senior Orthotist

Senior Orthotist, Halo Medical, Norwich

Administrative Staff



Helen Wormald

Event Management

Mosaic Events
York



Henry Dodds

Executive Assistant

United Kingdom
Spine Societies
Board

The BSS 2024 team is dedicated to ensuring that the conference and exhibition run smoothly and that your attendance at the event is both educational and enjoyable.

If you have any problems or require any assistance, we would be delighted to help you. Please visit us at the registration area.

The organisers cannot accept responsibility for any information in this guide that may be incorrect or accept any responsibility for programme changes.

Please note that the distribution of promotional material, except by exhibitors on their stands, is strictly prohibited.

Abstracts & Posters

Abstracts will be published after the conference has taken place. For further information on where they will be published, please contact the UKSSB. Abstracts have been uploaded to conference app.

Posters will be on display throughout the conference in the exhibition area in the Affinity Suite and taken down at 15.30 on Friday 22nd November 2024. There will be poster runs every lunchtime to enable presenters to discuss contents with delegates.

Accessibility

Eastside rooms is a fully accessible venue. For guests with access requirements, all rooms in the hotel are accessible with lifts. If you are on site and require assistance, please visit the BSS registration desk in the main foyer.

Attendance Certificates - CPE/CME

This conference has been accredited by The Royal College of Surgeons of England. An attendance/CPD/ CME certificate will not be provided at the conclusion of this event. The only method of obtaining a certificate is following completion of the online conference feedback survey. A link to this will be sent to you via email at the end of the conference.

Please note that security protection on NHS computers may prevent access to the feedback link. It is, therefore, advisable to complete the survey on a personal computer.

The electronic certificate can be included in CPD/ CME portfolios as proof of attendance at the meeting and, according to current guidance, should be accompanied by notes on how the meeting was of benefit to career development or current practice.

Audio-Visual/Speaker's Room

The Audio-Visual Speakers' Room is located in Belmont 4 on the ground floor. Presenters should register their attendance prior to the start of the session in which they are speaking. The opening times are:

07:45am on Thursday 21st November

07.45am on Friday 22nd November

Presenters are required to upload their presentation in good time (well before the session).

Badges and Security

For security purposes, all delegates, accompanying persons and exhibitors MUST ensure they are wearing the official BSS name badge AT ALL TIMES whilst in the conference venue and at social events.

Car Parking

The nearest car park to the venue is Millenium Point Multi-storey;

www.birmingham.gov.uk/directory_record/6674/millennium_point_multi-storey_car_park

Cloakroom

Cloakroom facilities are provided in the main foyer and will be open at key times during the conference. We/the venue/ UKSSB accept no liability for items stored in the cloakroom.

Exhibition

Delegates are encouraged to visit the exhibition which is located in the Affinity Suite. The exhibition is open throughout the conference but, will close at 14:30 on Friday 22nd November. Information on exhibitors can be found at the back of this guide.

Internet Access

There is complimentary Wi-Fi available at the venue. To access the Wi-Fi please go to the Eastside Rooms Network, no password is required and its an instant connection.

[For further information on the city please visit](#)

<https://visitbirmingham.com/>

Photography

Photography or video recording are not permitted during sessions.

Registration Area

The Conference Organisers will be situated in main foyer on the ground floor on Thursday 21st & Friday 22nd November. Delegates are asked to visit the registration area should any queries arise concerning the event. The opening times are 07:45- 16:45 Thursday and 08:30-15:45 on Friday.

Registration On-Site

On-site registration is available through the online registration portal. This can be accessed through personal laptops/tablets/smartphones using the on-site Wi-Fi or through laptops available in the registration area. On-site payment can be made by credit card (Visa/MasterCard) or debit card. No other forms of payment will be accepted.

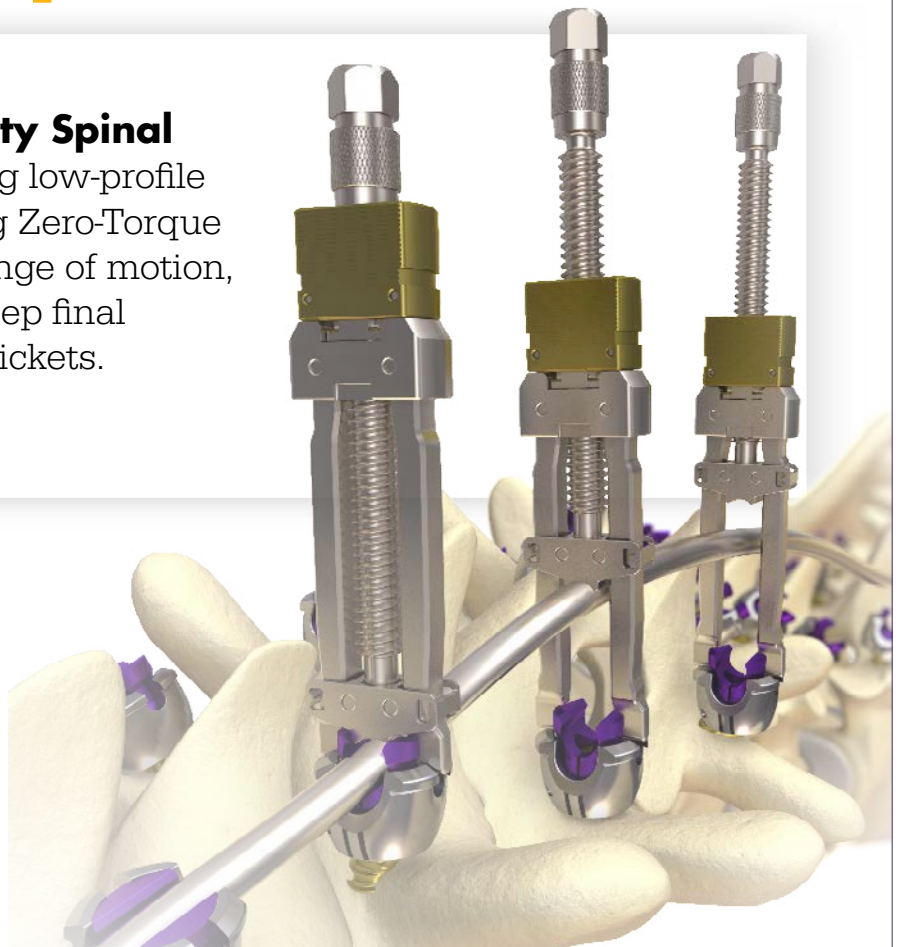
Social Media

Keep up to date with the meeting by following us on x (formerly twitter) @BritScoliosis Tweet and post about your conference experience using #BSS2024



Simplify the complex

The **Mesa 2 Deformity Spinal System** is a top-loading low-profile spinal system featuring Zero-Torque Technology and 60° range of motion, which allows for one-step final locking over Mesa 2 Crickets.



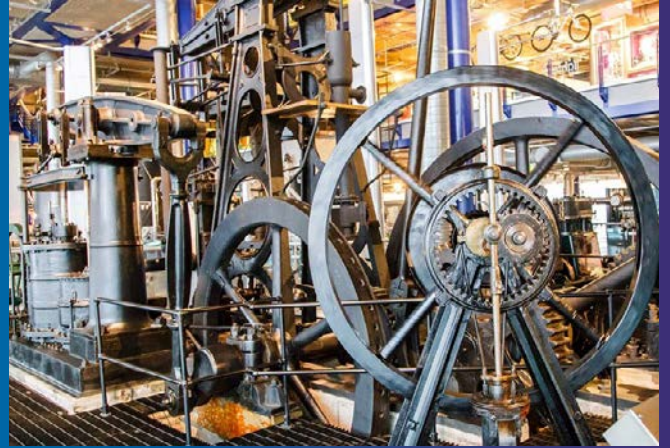
Visit us on Stand 5 at BSS 2024

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of specific products before using them in surgery.

The information presented is intended to demonstrate the breadth of Stryker product offerings. A surgeon must always refer to the package insert, product label and/or instructions for use before using any Stryker product. The products depicted are CE marked according to the Medical Device Directive 93/42/EEC. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area.

Stryker Corporation or its divisions or other corporate affiliated entities own, use or have applied for the following trademarks or service marks: Mesa, Stryker. All other trademarks are trademarks of their respective owners or holders.

SOCIAL EVENTS



Drinks Reception & Conference Dinner

(purchased tickets only)

Thursday 21st November 2024

Venue: - Think Tank Science Museum

19:00 - 19:45 Drinks Reception

19:45 – Midnight Conference Dinner

Ticket Price: £67.00 + VAT

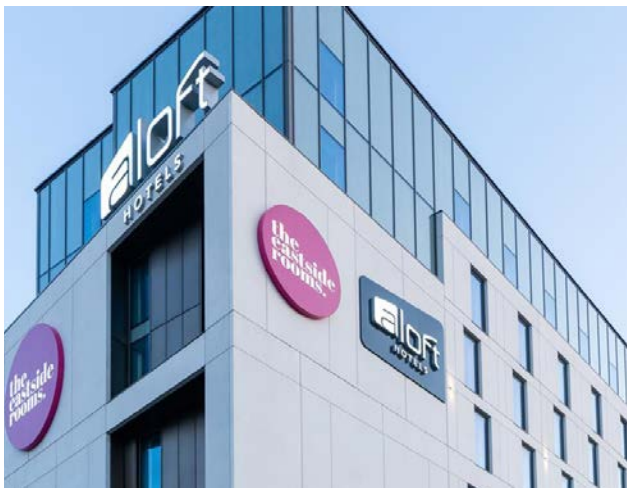
(If you have yet to purchase your ticket,
please speak to the registration desk for availability)

Dress Code: - Black Tie optional

For more information on the venue and location, please visit: www.birminghammuseums.org.uk/thinktank

Delegates who have booked their Conference Dinner will receive a red dot on their name badge. Please inform conference staff if you are unable to attend. Unfortunately, refunds will not be available for conference dinner cancellations but, in the event of a shortage of tickets we will be happy to note any cancellations to inform delegates wishing to attend.

Eastside Rooms



NEARBY RESTAURANTS

The Billesley	Brook Lane Kings Heath, Birmingham B13 0AB	0121 441 4190
The Hunters Moon	220 Coleshill Rd Hodgehill, Birmingham B36 8BE	0121 749 2595
Sacks of Potatoes	10 Gosta Green, Birmingham B4 7ER	0121 503 5811
Gosta Green	Holt Street, Birmingham B7 4BG	0121 359 0044
Chapter Edgbaston	Greenfield Crescent 5-6, Birmingham B15 3BE	0121 200 3020
Banana Tree Birmingham	Unit SU744, Upper Mall West, Birmingham B5 4BG	0121 272 8445
Fogo Bar & Kitchen	197A Hagley Road Edgbaston, Birmingham B16 9RD	0121 688 1177
Rising Café	58 Chester Street Aston, Birmingham B6 4BE	0121 594 0640
HomeMade Desi Food	72 Monica Rd, Small Heath, Birmingham B10 9TG	07914 543872
Hanbao	46 Floodgate Street Digbeth, Birmingham B5 5SL	0121 387 3444
The Carbon Cycle	55-59 Newhall Street, Birmingham B3 3RB	07778 888921
Jay's Bistro	29 Old Chester Road, Bebington CH63 7LE	0151 645 9794
Verbena	1474 Pershore Road, Birmingham B30 2NT	
Bistro B31	Bistro B31 100 Chatham Road - Northfield- Birmingham B31 2 JW	07909 861213
Eagle & Ball	12 Penn Street Curzon building, Cardigan Street, Birmingham B4 7RJ	0121 331 6835
Manahatta	Temple Street 10, Birmingham B2 5NB	0121 387 8690
Koi Ki	Old School Yard 106 High Street, Harborne, Birmingham B17 9NJ	0121 724 0070
Tiffinguys	2 Drayton Road, Birmingham B14 7LR	0121 243 9618
Bar & Bloc Steakhouse	5 Exchange Square The Priory Queensway, Birmingham B4 6FY	0121 270 9031
Peria	1792 Pershore Road King's Norton, Birmingham B30 3AU	0121 725 0693
The Ivy Bush	218 St. Pauls Road, Smethwick, Sandwell B66 1QS	0121 406 7145
Miah's Kitchen	128 Hawthorn Rd, Birmingham B44 8PX England	0121 350 0055

2024 KEYNOTE SPEAKERS

ALAAELDIN AHMAD

Dr Alaaeldin Azmi Ahmad is a paediatric Orthopaedic surgeon based in Ramallah – Palestine.

He is a professor in Palestine Polytechnic University- Palestine, besides being an adjunct professor in the University of Toledo- Ohio- USA, and university of health sciences -Nairobi- Kenya.

He has 20 years of experience in paediatric spine surgery after finishing his paediatric orthopaedic fellowship from Los Angeles – USA.

He has special interest in management of growing spine, developed an innovative technique for surgical management of Early Onset scoliosis (Active Apex Correction - APC) since 2008, and now it is used in more than 12 countries globally with good results.

He is interested in global educational activities related to scoliosis and the role of AI in supporting surgeons in LMICs besides running programs in Southeast Asia, South Asia, Africa, and Latin America.

He is an editorial board member in JPO-B and SICOT J, and reviewer for many global journals.

Co- author of a book about implementing early Onset Scoliosis services in LMICs, published numerous papers in global peer reviewed journals, beside authoring book chapters.



ELNASRI AHMED

Mr Elnasri B Ahmed FRCS(Orth) Consultant Orthopaedic Spinal Surgeon, University hospital of north Midlands, Stoke On Trent.

Elnasri is the former secretary of the British scoliosis society (BSS) and a current board member of the Arab spine society. Awarded an honorary professorship by Basra university for his contribution to the educational program of the Arab spine diploma course.

He is the chair of trustees for the north Staffordshire orthopaedic research foundation.

His research interests include Gait analysis in spine and spine Biomechanics.



MASSIMO BALSANO

Massimo Balsano, MD is an orthopaedic spinal surgeon. He was born in Padova, Italy and graduated from University of Padova in 1983, the second oldest Italian University and a leader in the field of Italian medicine. Dr Balsano continued to complete his residency at the orthopaedic School of Padova, where he focused on spinal pathologies.

Dr Balsano's area of interest is spinal deformities and traumatology. After becoming an assistant physician in the Scoliosis Section of the University of Padova's orthopaedic Clinic in 1989, he began performing surgery, specializing in different spinal pathologies, which included adult and child deformities, failed-back syndrome, and herniated disc and traumatology. Dr Balsano completed another residency at the Minnesota Spine Foundation of Minneapolis, Minnesota in 1994. He also has spent time at various other institutions within the United States and Europe, including the Spine Institute for Special Surgery of Louisville, Kentucky; the Atlantic Orthopaedic Specialists of Virginia Beach, Virginia; the Spine Centre of Karlsbad-Langensteinbach, Germany; and the Hospital Pitie'Salpetriere of Paris, France. Since 2000, Dr Balsano has been Chief of the orthopaedic Department of the Hospital of Thiene (Vicenza), Italy. In 2003, he was also appointed Chief of another orthopaedic hospital in Schio, Vicenza, Italy, which, in February 2005 started its Regional Spinal Surgery Department, becoming the first Italian hospital in the north-east to have a spinal centre. He has also been appointed Professor of Spinal Pathology at the University of Verona.

He is the Director of the Regional Spinal Department of the University and Hospital of Verona, the most important centre for complex spine cases of the Veneto area.

Dr Balsano has presented many publications at important international and national spinal pathology meetings and is a peer reviewer of many spinal journals, such as European Spine Journal, Spine Deformity Journal, Journal of Orthopaedic Surgery, Journal, and Journal of Orthopaedics' and Traumatology. He's the President Elect of SICV&GIS (Italian Spine Surgery Society) and Immediate Past President of ISASS (International Society for Advanced Spine Surgery). In 2010, Dr Balsano was chosen as the Spine Centre and fellowship officer of AOSpine Europe Board. In his time as a physician, Dr Balsano has performed an estimated 10000 spinal surgical operations, including deformities, degenerative conditions, cervical pathologies, traumatology, and cervical and lumbar herniated discs. His main interests lie in spinal deformities, degenerative conditions of the spine and minimal invasive spinal surgery.



2024 KEYNOTE SPEAKERS

UJJWAL DEBNATH

Prof. (Dr) Ujjwal K. Debnath is a distinguished Consultant Orthopaedic Surgeon with over 35 years of experience, specializing in spine surgery. A former Locum Consultant Orthopaedic Surgeon at Croydon University Hospital, London, he has an exceptional academic and professional background that spans prestigious medical institutions in the UK, including Croydon University Hospital (London), University Hospital (Nottingham), University Hospital of Wales (Cardiff), and University Hospital (Dublin).



After earning his MS in Orthopaedics, Dr. Debnath completed advanced medical training in the UK, achieving the FRCSGlasg, FRCS (Tr & Orth), and DM(Orth) from the University of Nottingham. His dedication to the field has resulted in an extensive body of work, including over 70 published papers in peer-reviewed journals and more than 300 presentations delivered across all continents.

Dr. Debnath is associated with multiple prestigious medical organizations in India, the UK, and the US, and continues to contribute to the advancement of spine surgery through research, education, and clinical practice.

Awards and Recognitions

His contributions have been recognized with numerous awards, including: Social Achievement Award (Health) 2024, presented at the Press Club of India by the Journalist Union of India, Health Care Summit Award 2023, awarded by News 18 Bangla at ITC Royal, Kolkata, Top 20 NGO - Indian Social Impact Award 2023, presented in Gurugram, New Delhi, Eastern India Leadership Award for Health 2022, presented by Times Ascent & EILM, Kolkata, Best Researcher (Research Leadership Award) 2020, awarded by the World Research Council at the RULA Awards.

Currently, Dr. Debnath serves as a Consultant Orthopaedic Surgeon at Manipal Hospital and Bellevue Hospital in Kolkata. He is also a Professor of Orthopaedics at JIMSH, Kolkata, and the Chairman of Operation Straight Spine (OSS), an initiative he co-founded to make spine care more accessible to underprivileged populations in India. Additionally, he is the Director of Ventura Wellness Clinic in Kolkata.

Dr. Debnath is an active member of the Scoliosis Research Society (USA), a member of the British Association of Spine Surgeons (UK), and is on the editorial board of the Indian Journal of Orthopaedics and JCOT. His expertise and leadership in spine surgery are recognized internationally.

In 2005, Dr. Debnath co-founded Operation Straight Spine (OSS) with Dr. J. R. McConnell from Allentown, USA, aiming to address the moral responsibility of providing affordable spine care to underserved communities. In 2014, OSS was

recognized as the first Global Outreach Program (GOP) for spine surgery in India by the Scoliosis Research Society in Anchorage, USA. Dr. Debnath has been instrumental in developing a short-term Spinal Deformity Certificate Program for senior Spinal Fellows in India, with over 20 Spinal Fellows benefiting from this initiative. The program has garnered support from the World Orthopaedic Concern and state orthopaedic associations.

JOSEPH FORTNUM-ADAMS

Joseph was diagnosed with scoliosis in August 2020 and was referred to Norfolk and Norwich Hospital in January 2021. He had surgery in August 2021 and his spine is now fused T4 to L4.

Joseph plays table tennis at a high level, he is currently ranked 35 in England and is British Para Table Tennis Junior Champion and Table Tennis England Para Junior Champion. Joseph is also a former Table Tennis England Young Ambassador.

After having surgery his life had changed and he has gone on to have a full and active life. Joseph is a grade 9 GCSE student and currently studying A Levels with a view to becoming a Chartered Accountant.

Joseph would like to thank everyone for welcoming him to the conference and is very much looking forward to it.



ANNA HAESTIER

Miss Anna Haestier works as a Consultant Obstetrician and Gynaecologist at the Norfolk and Norwich University Hospitals in Norwich, UK. She has special interests in early pregnancy care, bariatric obstetrics and management of women in pregnancy with FGM. She is currently a Royal College of Obstetricians Tutor and a post graduate education lead.



2024 KEYNOTE SPEAKERS

MONICA MOROSAN

Monica Morosan is a Consultant Anaesthetist at the Norfolk and Norwich University Hospital NHS Trust. She has completed her CCT in the East of England with a fellowship at the Royal Women's Hospital in Melbourne, Australia and has been a Consultant in obstetric anaesthesia for 8 years.



Her interest in high-risk obstetric anaesthesia means that she conducts and takes part in regular MDTs in our obstetric medicine centre. Also has an interest in orthopaedic surgery and head and neck cancers (however spinal surgery anaesthesia is reserved for the float days). She still enjoys her contact with the patients and has no intention of taking up managerial posts and counts the time to her retirement. And if anyone wonders where the accent is, she comes from Romania.

JO NORTON

Jo Norton is a Scoliosis Patient Liaison Officer at the Norfolk and Norwich University Hospital. Since 2017 Jo has supported families in Norfolk throughout their scoliosis journey.



Jo attends the weekly children's clinic where she offers non-medical advice to children and their parents about what to expect and how to prepare for their treatment.

She draws on her personal experiences as a parent of a daughter with idiopathic scoliosis.

Jo also work part-time in a primary school as a Forest School Assistant and in her free time she enjoys countryside walks with her three dogs.

DAISY NORTON

Daisy had scoliosis corrective surgery in 2016. She is currently a final-year medical student at the University of Leicester. In Daisy's free time, she enjoys travelling, having fun with friends, and sewing.



WEDNESDAY 20TH NOVEMBER 2024

10:45-11:20	REGISTRATION & REFRESHMENTS	Belmont Foyer
11:20-11:30	<p>Welcome and Introduction</p> <p>Welcome by the hosting team</p> <p><i>Speakers: Girish Swamy & Edward Bayley</i></p>	Belmont 1&2
11:30-12:30	<p>Challenges in AIS Surgery:</p> <ol style="list-style-type: none"> Selective vs long fusions in AIS Surgery <p><i>Speaker: Edward Bayley</i></p> <ol style="list-style-type: none"> Add on Phenomenon in AIS <p><i>Speaker: Girish Swamy</i></p> <p>Discussions – All Faculty</p>	
12:30-13:30	LUNCH	Belmont Foyer
13:30-15:00	<p>Early Onset Scoliosis:</p> <ol style="list-style-type: none"> Updates and surgical strategies in managing EOS patients <p><i>Speaker: Prof Alaaeldin Ahmad</i></p> <ol style="list-style-type: none"> Approaches and Challenges to Anterior surgical techniques <p><i>Speaker: Prof Massimo Balsano</i></p> <p>Discussions – All Faculty</p>	Belmont 1&2
15:00-15:30	REFRESHMENTS	Belmont Foyer
15:30-17:00	<p>Non Scoliosis Paediatric Deformities:</p> <ol style="list-style-type: none"> Treatment strategies and challenges in managing high grade spondylolisthesis in children <p><i>Speaker: Prof Ujjwal Debnath</i></p> <ol style="list-style-type: none"> Scheuermann's and Hyper-Kyphosis: Role of osteotomies. Rationale and challenges <p><i>Speaker: Mr Alex Gibson</i></p> <p>Discussions – All Faculty</p>	Belmont 1&2
17:00-17:30	<p>Spinal Deformities for FRCS [Tr&Orth]</p> <p><i>Speakers: Girish Swamy and Edward Bayley</i></p>	
17:30	Close of Day	

Aims of the day: to provide a forum for sharing good practice, to promote discussions and networking and to provide the opportunity for educational content relevant to nurses and AHPs

WEDNESDAY 20TH NOVEMBER 2024

WEDNESDAY 20 TH NOVEMBER 2024		
08:30-09:00	REGISTRATION & REFRESHMENTS	Belmont Foyer
09:00-09:30	<p>Welcome and Introduction</p> <p>Welcome by the hosting team. Overview of NNUH services, challenges and successes</p> <p>Speakers: Leanne Ingham, Charlotte El-Labany and Fran Sutton</p>	Belmont 3&4
09:30-09:50	<p>Scoliosis and Spinal cord injury</p> <p>A case study</p> <p>Speakers: Cherry Cubelo and Leanne Ingham</p>	
09:50 -10:20	<p>Educational session – embryology and growth of the Spine</p> <p>Basic science behind why we see scoliosis and different types of scoliosis</p> <p>Speaker: Tom Marjoram</p>	
10:20-11:10	<p>Initial assessment and triaging – models of care</p> <p>Who, why, where, when</p> <p>Speaker: Fran Sutton</p>	
11:10-11:20	<p>Delphi Project update</p> <p>Findings on consensus in care for AIS rehabilitation following post-operative spinal fusion surgery</p> <p>Speaker: Susanna Tucker</p>	
11:20-11:50	REFRESHMENTS	
11:50-12:20	<p>The importance of the MDT in clinical and psychological work up to surgery</p> <p>Roles and how this has impacted our patient pathway</p> <p>Speaker: Charlotte El-Labany</p>	Belmont 3&4
12:20-13:00	<p>Educational session – interpretation of spinal radiograph</p> <p>What do we look at and why. Process for evaluation of a plain film scoliosis image. Case studies</p> <p>Speaker: Lennel Lutchman</p>	
13:00-14:00	LUNCH	Belmont Foyer



WEDNESDAY 20TH NOVEMBER 2024

14:00-15:00	<p>Post-op care - Breakout group discussion</p> <ul style="list-style-type: none"> ▪ HDU vs ward-based recovery ▪ Post-operative pain relief ▪ Dressings ▪ Treating constipation ▪ Enhanced Recovery Programs ▪ Wound checks / review appointments ▪ Rehabilitation input ▪ Outcomes - how do we measure success? 	Belmont 3&4
15:00-16:00	<p>Feedback from breakout sessions + Sharing Practice Opportunity to discuss own challenges and how to overcome them Facilitated by Host team</p>	
16:00-16:15	<p>Supporting Scoliosis Services Available resources, documents, guidelines, policies Speaker: Leanne Ingham</p>	
16:15-16:30	Close of Day	



WEDNESDAY 20TH NOVEMBER 2024

08:30-09:00	REGISTRATION	Main Foyer
09:00-09:10	Opening Remarks	Meeting Room 2
09:15-09:35	Is Postural Over-corrective Bracing the Answer to the Management of Neuromuscular Scoliosis? <i>Speaker: Steve Hewitt CO - Sheffield</i>	
09:35-09:55	Dynamic three-dimensional global treatment of scoliosis: The Corrective Movement Principle <i>Speaker: Ana del Campo PT – Spain</i>	
09:55-11:05	Free Paper Session – (5 x 15 minutes)	
	Orthotic management of scoliosis at Leeds Teaching Hospitals Changing practices over time- the BASIS effect? <i>Speakers: Kate Chauhan CO – Leeds & Alice Haynes CO - Leeds</i>	
	My personal experience of spinal Bracing over the past 30 years <i>Speaker: Gordon Lindsay CO – Norfolk & Norwich</i>	
	Digitising an NHS Orthotic Spinal Service <i>Speaker: Mhairi Johnston CO – Glasgow</i>	
	Nottingham University Hospitals (NUH) Scoliosis bracing service improvement project <i>Speakers: Deanna Smith CO – Nottingham & Edith Cleaver CO – Nottingham</i>	
	Discussion Session Moderators <i>Andrew J Mills CO Matthew Nolan-Thomas CO Steve Hewitt CO</i>	
11:05-11:30	REFRESHMENTS	Belmont Foyer Ground Floor
11:30-12:10	ScolioSense, a new device for the measurement of in-brace pressures during scoliosis brace treatment <i>Speaker: Harry Yeremtzes Aidplex S.P.P.C.- Greece</i>	Meeting Room 2
12:10-12:30	Average first In-Brace Correction (IBC) comparison at two NHS sites using CMP braces <i>Speaker: Matthew Nolan Thomas CO – Middlesbrough</i>	
12:30-13:00	The introduction of hypercorrective scoliosis bracing to Alder Heys Spinal Service <i>Speaker: Caroline Batke CO – Liverpool</i>	
13:00-14:00	LUNCH	Belmont Foyer Ground Floor

WEDNESDAY 20TH NOVEMBER 2024

14:00-14:30	Brace treatment Discrete Choice Experiment <i>Speaker: Rav Jayasuriya MD – Sheffield</i>	Meeting Room 2
14:30-14:55	The role of an ESP Physiotherapist in a Paediatric Spinal Service <i>Speaker: Candice Sutcliffe PT - Sheffield</i>	
14:55-15:25	Bracing in Juvenile Idiopathic Scoliosis: Insights into Current Trends and Emerging Challenges <i>Speaker: Matthew Bellamy – Sheffield</i>	
15:25-15:50	Life After Bracing – Do Curves Remain Stable and How Should We Be Managing These Patients? <i>Speaker: Steve Hewitt CO – Sheffield</i>	
	Discussion Session Moderators <i>Andrew J Mills CO</i> <i>Matthew Nolan-Thomas CO</i> <i>Steve Hewitt CO</i>	
15:50-16:00	Closing remarks	
16:00	End	



We fund pioneering and innovative research into scoliosis and other spinal conditions as well as providing financial support to enable early years researchers to travel to present their work.

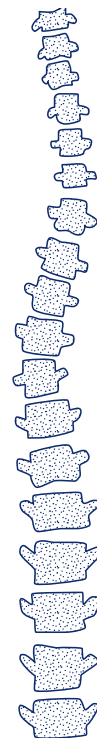
We are going “BACK to Basics” and calling for research funding applications which are aligned with finding the cause of scoliosis and fit at least four of the twelve priorities in our Priority Setting Partnership outlined on our website.



For more information on our grants, scan the QR code to be taken to our website.

If you'd like to discuss a project idea, email Lesley McGinty, Chief Executive, on lesley.mcginty@ssr.org.uk

Scoliosis Support and Research Registered Charity No. 1181463 Ground Floor, 329 Latimer Road, London W10 6RA



THURSDAY 21ST NOVEMBER 2024

08:00-08:45	REGISTRATION & REFRESHMENTS	Exhibition Area Affinity 2
08:45-09:00	Welcome <i>Speaker: Dr Naveen Canchi-Muralis</i>	Belmont 1
09:00-09:45	Role of dexmedetomidine in scoliosis surgery Dexmedetomidine is a 'Dark horse' <i>Speaker: Dr Ahmed Alkhatip</i> Dexmedetomidine is a revolutionary drug <i>Speaker: Dr Liz Allison</i>	
09:45-10.15	Marathon surgery – Prepare & Conquer <i>Speaker: Dr Ahmed & Dr NCM</i>	
10:15-10:45	Cardiology for Spine Anaesthetists <i>Speaker: Dr Ashish Chikermane</i>	
10:45-11:15	REFRESHMENTS & EXHIBITION	Exhibition Area Affinity 2
11:15-11:45	POP-UP HDU or floor based HDU the BCH experience <i>Speakers: Jade Hackett & Ross Elson</i>	Belmont 1
11:45-12:50	Interesting cases in paediatric Scoliosis surgery Spinal Muscular Atrophy All Centres Gabapentin problem <i>Speaker: Dr Doug Johnson</i> Metabolic case <i>Speaker: Dr Vanessa Hodgetts</i>	
12.50-13:50	LUNCH & EXHIBITION	Exhibition Area Affinity 2
13:50-14:45	Jehovah's witness child for surgery <i>Speaker: Lawrence Wharton JW liaison</i> Legal aspects: hospital obligation and consent <i>Speaker Aimee Landon BCH legal services</i>	Belmont 1
14:45-14:50	ROOM MOVE TO AFFINITY 1	Affinity 1
14:50-15:20	COMBINED SESSION WITH BSS, BSIN & NPSAN Moments of risk and false positive IOM alerts in deformity correction surgery <i>Speaker: Diane Boothman</i>	Affinity 1
15:20-15:25	ROOM MOVE TO BELMONT 1	Belmont 1
15:25-16:00	Enhanced Recovery – getting it working <i>Speaker: Dr Judith Morgan</i>	Belmont 1
16:00	Close of day	
19:00-Late	Conference Dinner (Tickets Only) Black Tie optional	Think Tank Museum

Medtronic

UNiD™ Adaptive Spine Intelligence (ASI)

UNiD™ ASI makes spine surgery predictable and repeatable using artificial intelligence – backed by data science.



UC202405233 EE © 2023 Medtronic. All Rights Reserved.

OBTAINING THE OPTIMUM. TOGETHER.

We are looking forward to welcoming you to **British Scoliosis Society 2024**



At Silony Medical we work with passion and commitment, doing everything possible to achieve the best results. We work in partnership with clinicians, solving problems, going beyond the accepted standard and looking at new trends that improve patient outcomes and best practices. Our core values – quality, integrity and teamwork – guide our work every day and with every patient.

www.silony-medical.com

THURSDAY 21ST NOVEMBER 2024

08:30-09:00	REGISTRATION & REFRESHMENTS	Main Foyer/ Ashtead Foyer
09:00-09:15	Welcome and Introduction	Ashtead Suite
09:15-09:45	MER-The journey through sound to the target in DBS <i>Speaker: Christian Moll</i>	
09:45-10:15	oVEMPs during brainstem surgery <i>Speaker: Peter Walsh</i>	
10:15-10:45	The view from the operating table: the patient's experience <i>Speakers: Ellie Wilson and James Alculumbre, Scoliosis, Support and Research</i>	
10:45-11:15	REFRESHMENTS & EXHIBITION	Ashtead Foyer
11:15-11:45	Roundtable discussion: MEP stimulus parameters	Ashtead Suite
11:45-12:15	Spinal cord stimulator assessment in chronic lower back pain <i>Speaker: Michael Pridgeon</i>	
12:15-12:50	Surgeon directed monitoring: where and when is it appropriate? <i>Speaker: Darren Lui</i>	
12:50-13:50	LUNCH & EXHIBITION	Ashtead Foyer
13:50-14:20	Individual certification and service accreditation in IONM in the UK <i>Speaker: Lindsay Gripton</i>	Ashtead Suite
14:20-14:50	Practitioner experiences in IOM <i>Speaker: Charles Fry</i>	
14:50-15:20	Joint session BSS, BSIN & NPSAN: Moments of risk and false positive IOM alerts in deformity correction surgery <i>Speaker: Diane Boothman</i>	Affinity 2
15:20-15:50	REFRESHMENTS & EXHIBITION	Ashtead Foyer
15:50-16:50	Case studies: session for early career MIOM practitioners to present short case studies <i>Open to applications from early career delegates</i>	Ashtead Suite
19:30-Late	BSS Conference Dinner (Tickets Only) Dress code: Black Tie Optional	Think Tank Science Museum

FRIDAY 22ND NOVEMBER 2024

08:30-09:00	REFRESHMENTS & EXHIBITION	Ashtead Foyer
09:00-09:10	Welcome	Ashtead Suite
09:10-09:40	Uncertainty in IOM: Is quality categorical?	
09:40-10:10	Quality assurance in IONM <i>Speaker: Lindsay Gripton</i>	
10:10-10:50	SEP and MEP Optimisation <i>Speaker: David Macdonald</i>	
10:50-11:20	REFRESHMENTS & EXHIBITION	Ashtead Foyer
11:20-12:00	Roundtable discussion: baselines & alert criteria	Ashtead Suite
12:00-12:30	Open Thoracic Cordotomy for Cancer Pain with Intraoperative Neuromonitoring: A Case Series and Critical Review of the Literature <i>Speaker: Michael Pridgeon</i>	
12:30-13:00	British Spine Registry - An overview <i>Speakers: Adam Hart and Joshua Wiggett</i>	
13:00-14:00	LUNCH & EXHIBITION	Ashtead Foyer
14:00-15:20	Simulation stations: 1. CadX simulation of spinal cord event 2. CadX simulation of neurosurgical event 3. Needle insertion station 1 4. Needle insertion station 2	Ashtead Suite
15:20-15:35	REFRESHMENTS & EXHIBITION	Ashtead Foyer
15:35-16:00	STP in Neurophysiology: Interoperative Neuromonitoring (IONM) <i>Speaker: Emma Bowers</i>	Ashtead Suite
16:00-16:20	Experiences of a new starter in IOM <i>Speaker: Theo Town</i>	
16:20	Conference Close	

Session	Submission No.	Category	Presenting Author
1	17	Adolescent Idiopathic Scoliosis	Eduardo Hevia
1	56	Adolescent Idiopathic Scoliosis	Jack Williams
1	65	Adolescent Idiopathic Scoliosis	Eslam ElSherif
1	74	Adolescent Idiopathic Scoliosis	Charalampos Geremtzes
1	76	Adolescent Idiopathic Scoliosis	Jason Bernard
2	13	Growing Spine	Sai Gautham Balasubramanian
2	45	Growing Spine	Conor Boylan
2	47	Growing Spine	Paul Rushton
2	61	Growing Spine	Adam Lloyd
3	15	Adolescent Idiopathic Scoliosis	Eduardo Hevia
3	18	Adolescent Idiopathic Scoliosis	Rafael Llombart-Blanco
3	39	Adolescent Idiopathic Scoliosis	Laura Clifton
3	42	Adolescent Idiopathic Scoliosis	Matthew Bellamy
3	54	Adolescent Idiopathic Scoliosis	Jack Williams
3	64	Adolescent Idiopathic Scoliosis	Eslam ElSherif
4	31	Adolescent Idiopathic Scoliosis	Erika Maude
4	34	Adolescent Idiopathic Scoliosis	Susanna Tucker
4	44	Adolescent Idiopathic Scoliosis	Shakil Mohammed Patel
4	67	Adolescent Idiopathic Scoliosis	Jack Choong

Title
Long-Term Follow-up Reports Non-Utility of Nonsurgical Management in Moderate Adolescent Idiopathic Scoliosis: A Comprehensive Meta-Analysis.
A Comparison of the Efficacy and Fusion Levels Required between Anterior Fusion versus Posterior Spinal Fusion for the Treatment of Adolescent Idiopathic Scoliosis.
Immediate Post-Operative Recovery Assessment with QoR-15 in AIS Patients on ERAS Pathway.
Evaluation of Scoliosis Brace Wear and Adjustment Needs in Initial Treatment Phase for Adolescent Idiopathic Scoliosis.
Vertebral body tethering and postoperative thoracic kyphosis in adolescent idiopathic scoliosis patients: preliminary long-term results and a comparison to posterior spinal fusion.
Does growth sparing techniques improve lung functions in idiopathic EOS.
Outcomes of a 5-Year Project to Improve Coding Accuracy for Paediatric Spinal Procedures.
Is MAGEC X better than older designs of magnetically controlled growing rods: an explant study.
An updated cost analysis of magnetically controlled growing rods (MCGR) for early onset scoliosis following new manufacturer recommendations.
Impact of Surgical Treatment for Adolescent Idiopathic Scoliosis on Maternal and Obstetric Outcomes: A Meta-Analysis.
Pulmonary Function Does Not Improve after 10 Years of Posterior Spinal Fusion: A Systematic Review and Meta-analysis.
Cell salvage use in adolescent idiopathic scoliosis corrections, a single centre prospective case series. Is it worth it?
A Re-Audit into the Adherence and Factors Related to Completion of SRS-22 PROM Scores in Patients Undergoing Surgical Correction for Adolescent Idiopathic Scoliosis.
Minimally Invasive Anterior Spinal Fusion Comparing Thoracic versus Lumbar for Scoliosis.
Assessment of the 'Early X-ray On Referral' (EXOR) Pathway: Reducing Waiting Times and Enhancing Patient Outcomes.
Is self-image and mental health correlated in patients with scoliosis completing Physiotherapy Scoliosis Specific Exercise?
Promotion of sports, exercise, and participation in physical activity during post-operative interventions for adolescent idiopathic scoliosis: an international e-Delphi study.
Does Postoperative Shoulder Balance affect Patient Reported Functional Outcomes after Posterior Surgical Correction of Adolescent Idiopathic Scoliosis? A Systematic Review and Meta-analysis.
Enhancing scoliosis bracing: investigating the impact of in-brace correction exceeding 100% on skeletal outcomes, comfort, and compliance.

Session	Submission No.	Category	Presenting Author
4	72	Adolescent Idiopathic Scoliosis	Jodie Walters
4	78	Adolescent Idiopathic Scoliosis	Ellen Hobbs
4	80	Adolescent Idiopathic Scoliosis	Rav Jayasuriya
4	85	Adolescent Idiopathic Scoliosis	Christina Sam
5	41	Non-Idiopathic Scoliosis	Mostafa Elmeshneb
5	53	Miscellaneous	Jonathan Lucas
5	58	Non-Idiopathic Scoliosis	Jonathan Lucas
5	60	Non-Idiopathic Scoliosis	Ahmed Sh Amer
5	63	Miscellaneous	Ahmad Hussien
5	73	Miscellaneous	Stuart Tucker
5	83	Miscellaneous	Vinay Jasani
6	9	Adolescent Idiopathic Scoliosis	Seif Alshunnar
6	28	Adolescent Idiopathic Scoliosis	Judith Meakin
6	30	Adolescent Idiopathic Scoliosis	David Gower
6	57	Adolescent Idiopathic Scoliosis	Louise Neale
6	70	Adolescent Idiopathic Scoliosis	Jack Choong

Title
A Protocol of Accelerated Rehabilitation following surgery for adolescent Idiopathic Scoliosis (PARIS): A feasibility Study.
Physiotherapy Adolescent Idiopathic Scoliosis Triage. Can high diagnostic agreement in Cobb angle and Risser score measurement and efficient conservative management be achieved? A service evaluation.
Comprehension and internal validity of a Discrete Choice Experiment exploring attitude to risk and treatment preference in bracing scoliosis.
Is it time to reinstate School Screening in the UK?
Surgical Complications in Neuromuscular Scoliosis Surgery: Systematic Review and Meta-Analysis of the Last Ten Years.
A Pre-Operative Surgical Education (POSE) Programme Part of Surgical Pre-Assessment Increase Preparedness and Understanding for Surgery, Reduce Anxiety, and Associated with Reduced Length of Stay.
Can postoperative Cobb and pelvic obliquity corrections be predicted using supine traction X-rays in non-ambulatory patients with cerebral palsy fused to L5?
Single Sitting Correction of Severe Rigid Scoliosis using a Rib–Spine Construct with Gradual Internal Distraction.
Late presentation of scoliosis, does deprivation and demographics influence the Odds?
Long Term Surgical Outcomes of kyphectomies in Spina Bifida (Myelomeningocele)
Reducing effective radiation dose from whole spine X-rays using a high kV protocol.
Comparing Postoperative Outcomes in Anterior Vertebral Body Tethering against Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis: a Narrative Review.
Scoliotic vertebral shape in the transverse plane: a pilot study comparing scoliotic and non-scoliotic transverse vertebral shape using magnetic resonance imaging and statistical shape modelling.
Is pain and mental health correlated in patients with scoliosis completing Physiotherapy Scoliosis Specific Exercise?
Can Schroth Physiotherapeutic Scoliosis-Specific Exercise offered on the National Health Service, halt curve progression in Adolescent Idiopathic Scoliosis.
Enhanced Scoliosis Correction: The Synergistic Power of PSSE Combined with an Asymmetric Scoliosis Brace in Adolescents.

POSTER PRESENTATIONS

Session	Submission No.	Category	Presenting Author
1	26	Adolescent Idiopathic Scoliosis	Rebecca Martin
2	33	Adult Spinal Deformity	Anna Courtney
3	35	Adolescent Idiopathic Scoliosis	Athanasios Tsirikos
4	36	Non-Idiopathic Scoliosis	Rodrigo Muscogliati
5	40	Miscellaneous	Nikhil Manoj
6	46	Adolescent Idiopathic Scoliosis	Conor Boylan
7	50	Miscellaneous	Jonathan Lucas
8	51	Adolescent Idiopathic Scoliosis	Aman Sharma
9	52	Adolescent Idiopathic Scoliosis	Jack Williams
10	55	Non-Idiopathic Scoliosis	Jonathan Lucas
11	59	Growing Spine	Luc Nyunt
12	62	Non-Idiopathic Scoliosis	William Quelch
13	66	Adolescent Idiopathic Scoliosis	Jack Williams
14	71	Adolescent Idiopathic Scoliosis	Sophie Griffiths
15	75	Miscellaneous	Priyanka Nageswaran
16	77	Growing Spine	Simon Roberts
17	79	Adolescent Idiopathic Scoliosis	Christina Sam
18	81	Miscellaneous	Angus Kaye
19	82	Non-Idiopathic Scoliosis	Libby Gooda
20	86	Non-Idiopathic Scoliosis	Natasha Clark
21	43	Growing Spine	Matthew Bellamy
22	48	Adult Spinal Deformity	Ahmed Fadulelmola
23	49	Miscellaneous	Rajan Vraitich
24	84	Non-Idiopathic Scoliosis	Stephen Morris

POSTER PRESENTATIONS

Title
The relationship between deprivation and idiopathic scoliosis cases in England and Wales recorded on the British Spine Registry.
Rapid Custom Spinal Bracing for Pain Management in Multiple Myeloma Patients.
Changes in lung function and exercise capacity in young people after posterior spinal fusion (PSF) for adolescent idiopathic scoliosis (AIS.)
Does Pelvic Fixation in Neuromuscular Scoliosis Correction Affect the Functional Ability? A Systematic Review and Meta-analysis.
The current use of Augmented Reality Surgical Navigation (ARSN) on pedicle screw placement. A systematic review.
Quantitative Morphological Apical Intervertebral Disc Characteristics as Predictors of Curve Progression in Adolescents with Idiopathic Scoliosis.
Prevalence of Vitamin D Deficiency in a Tertiary Paediatric Spine Surgery Unit in Patients undergoing Scoliosis Corrective in London, United Kingdom.
The Convex Translation and Derotation (CTD) technique significantly improve self-image in Adolescent Idiopathic Scoliosis patients.
MIS Anterior Thoracic Fusion for Scoliosis: Utilising a Novel Multi-level Stabilisation Screw.
Distal Level in Scoliosis Surgery for Non-Ambulatory Patients with Cerebral Palsy: Is L5 an Option? A case Study.
Clinical and radiological outcomes of Elongation De-rotation Flexion (EDF) casting in early onset scoliosis (EOS).
The safety and efficacy of bespoke spinal bracing in spinal muscular atrophy types 1 and 2.
Comparison of Selective Anterior Fusion versus Vertebral Body Tethering for the Treatment of Adolescent Idiopathic Scoliosis.
A Retrospective Analysis of Pedicle Screw Placement in Adolescent Idiopathic Scoliosis Over a 10 Year Period: The Impact of Image Intensifier and 3D Printed Guides.
The Surgical and Anaesthetic management in scoliosis correction in Tuberous Scoliosis Complex (Bourneville's Disease).
Growing rod constructs for severe paediatric spinal deformity in SMA patients: clinical, radiographic and respiratory function outcomes.
Assessing the distal lumbar segments below posterior correction and fusion of adolescent idiopathic scoliosis.
The COVID-19 Generation: Lessons Learnt from the Oxford Spine Service Experience.
Bipolar Technique for Scoliosis: a Prospective Three Centre Study of Early Perioperative Outcomes.
Outcomes from a Multidisciplinary Complex Paediatric Pre Operative Assessment Clinic in Bristol Royal Hospital for Children 2020 - 2024.
Bracing Effectiveness in Juvenile Idiopathic Scoliosis Followed to Skeletal Maturity – A Systematic Review and Meta-Analysis.
Evaluation of a Novel Osteoinductive Synthetic Bone Substitute in Spinal Deformity Surgery.
Simulation of Spinal Cord Compression with Pneumatic McKibben Muscles: Creating Physical Models to Enhance Degenerative Cervical Myelopathy Management.
Multidisciplinary assessment clinic enhances shared decision-making in complex paediatric spinal deformity management.

THE SPINECORPORATION

LIMITED 

We are a progressive and innovative manufacturer of medical devices used in the management of scoliosis in children and adults.

We are dedicated to improving the lives of people through advancements in healthcare science and technology.

With over 25 years of clinically proven success in the healthcare field, we offer a range of spinal braces used in the management of scoliosis by healthcare professionals worldwide.

We are delighted to this year showcase our App, using scanner-less technology to provide patients with bespoke treatments for their condition.

Our full range of scoliosis braces will be on display, including the SpineCor Ultimate Brace, our latest, most advanced brace in the SpineCor range.

Visit us at Stand 15 to learn more about our range of braces to be eligible for a FREE scoliometer (while stocks last).

 **Ultimate**
BRACE 

new

TECHNO SPINE
TLSSO-SCOLIOSIS BRACE



British Scoliosis Society
WE ARE PROUD TO SPONSOR
THE BRITISH SCOLIOSIS SOCIETY

cmpbrace
CORRECTIVE MOVEMENT PRINCIPLE

Visit us at
STAND
15



www.spinecorporation.com

SPINECOR
movement is life...

TECHNO SPINE
TLSSO-SCOLIOSIS BRACE

cmpbrace
CORRECTIVE MOVEMENT PRINCIPLE



Providence UK
UK Distributor - Providence Brace

SacroFix

Telephone: +44 (0)1246 455381 Email: info@spinecorporation.com

**PLEASE VISIT OUR LUNCH SYMPOSIUM
TRANSITIONING FROM A 1 SCOLI TO A 2 SCOLI LIST.
WHAT I HAVE LEARNED.**

SPEAKER: MR. F. SEDRA

Thursday, 21st November 2024
Time: 13:05-13:50
Room: Belmont 3
BSS Annual Meeting 2024, Birmingham

THE NEXT GENERATION:
MOSS VRS[®]
REAL-TIME INTRAOPERATIVE
DECISION-MAKING[™]

Partnered with:



www.biedermann.com/spine

Biedermann Motech International Ltd. · Lincoln House, Lincoln Way, Sherburn in Elmet Leeds LS25 6AX Great Britain · service@biedermann.com · www.biedermann.com

THURSDAY 21ST NOVEMBER 2024

Time	Session Detail	Location
07:45-08:30	REGISTRATION, EXHIBITION & POSTERS	Foyer & Affinity 2
08:30-08:45	OPENING ADDRESS Girish Swamy & Lennel Lutchman	Affinity 1
08:45-09:30	PAPER SESSION 1 - Adolescent Idiopathic Scoliosis <i>Moderators: Andrew Cook / Tom Marjoram</i>	Affinity 1
17	Long-Term Follow-up Reports Non-Utility of Nonsurgical Management in Moderate Adolescent Idiopathic Scoliosis: A Comprehensive Meta-Analysis Presenter: Eduardo Hevia	
56	A Comparison of the Efficacy and Fusion Levels Required between Anterior Fusion versus Posterior Spinal Fusion for the Treatment of Adolescent Idiopathic Scoliosis Presenter: Jack Williams	
65	Immediate Post-Operative Recovery Assessment with QoR-15 in AIS Patients on ERAS Pathway Presenter: Eslam ElSherif	
74	Evaluation of Scoliosis Brace Wear and Adjustment Needs in Initial Treatment Phase for Adolescent Idiopathic Scoliosis Presenter: Charalampos Geremtzes	
76	Vertebral body tethering and postoperative thoracic kyphosis in adolescent idiopathic scoliosis patients: preliminary long-term results and a comparison to posterior spinal fusion Presenter: Jason Bernard	
<i>Final Questions & Discussions</i>		
09:30-10:15	KEYNOTE LECTURE: Growth Guided Experience: My journey into the Active Apex Correction Technique Speaker: Alaeldin Ahmad <i>Moderators: Girish Swamy / Colin Nnadi</i>	Affinity 1
10:15-10:45	PAPER SESSION 2 - Growing Spine <i>Moderators: Adrian Gardner / Alex Gibson</i>	Affinity 1
13	Does growth sparing techniques improve lung functions in idiopathic EOS Presenter: Sai Gautham Balasubramanian	
45	Outcomes of a 5-Year Project to Improve Coding Accuracy for Paediatric Spinal Procedures Presenter: Conor Boylan	
47	Is MAGEC X better than older designs of magnetically controlled growing rods: an explant study Presenter: Paul Rushton	
61	An updated cost analysis of magnetically controlled growing rods (MCGR) for early onset scoliosis following new manufacturer recommendations Presenter: Adam Lloyd	
<i>Final Questions & Discussions</i>		
10:45-11:15	REFRESHMENTS, EXHIBITION & POSTERS	Affinity 2

THURSDAY 21ST NOVEMBER 2024

Time	Session Detail	Location
11:15-12:00	PAPER SESSION 3 - Adolescent Idiopathic Scoliosis	Affinity 1
	<i>Moderators: Hanny Anwar / Edward Bayley</i>	
	15 Impact of Surgical Treatment for Adolescent Idiopathic Scoliosis on Maternal and Obstetric Outcomes: A Meta-Analysis Presenter: Eduardo Hevia	
	18 Pulmonary Function Does Not Improve after 10 Years of Posterior Spinal Fusion: A Systematic Review and Meta-analysis Presenter: Rafael Llombart-Blanco	
	39 Cell salvage use in adolescent idiopathic scoliosis corrections, a single centre prospective case series. Is it worth it? Presenter: Laura Clifton	
	42 A Re-Audit into the Adherence and Factors Related to Completion of SRS-22 PROM Scores in Patients Undergoing Surgical Correction for Adolescent Idiopathic Scoliosis Presenter: Matthew Bellamy	
	54 Minimally Invasive Anterior Spinal Fusion Comparing Thoracic versus Lumbar for Scoliosis Presenter: Jack Williams	
	64 Assessment of the 'Early X-ray On Referral' (EXOR) Pathway: Reducing Waiting Times and Enhancing Patient Outcomes Presenter: Eslam ElSherif	
<i>Final Questions & Discussions</i>		
12:00-12:50	KEYNOTE LECTURE [Debate] Is Anterior vertebral body tethering an alternative to posterior spinal fusion considering current evidence? Options for hybrid techniques Speaker: Massimo Balsano & Alaaeldin Ahmad <i>Moderators: Julian Leong / Andrew Cook</i>	
12:50-13:50	LUNCH, EXHIBITION, SYMPOSIUMS & POSTERS	Affinity 2
13.05-13:50	LUNCHTIME SYMPOSIUM: Sponsored by Biedermann Transitioning from a 1 scoli to a 2 scoli list. What i have learned. Speaker: Mr. F. Sedra	Belmont 3

THURSDAY 21ST NOVEMBER 2024

Time	Session Detail	Location
13:35-14:50	PAPER SESSION 4 - Adolescent Idiopathic Scoliosis	Affinity 1
	<i>Moderators: Stephen Morris / Lee Breakwell</i>	
	31 Is self-image and mental health correlated in patients with scoliosis completing Physiotherapy Scoliosis Specific Exercise? Presenter: Erika Maude	
	34 Promotion of sports, exercise, and participation in physical activity during post-operative interventions for adolescent idiopathic scoliosis: an international e-Delphi study Presenter: Susanna Tucker	
	44 Does Postoperative Shoulder Balance affect Patient Reported Functional Outcomes after Posterior Surgical Correction of Adolescent Idiopathic Scoliosis? A Systematic Review and Meta-analysis. Presenter: Shakil Mohammed Patel	
	67 Enhancing scoliosis bracing: investigating the impact of in-brace correction exceeding 100% on skeletal outcomes, comfort, and compliance. Presenter: Jack Choong	
	72 A Protocol of Accelerated Rehabilitation following surgery for adolescent Idiopathic Scoliosis (PARIS): A feasibility Study. Presenter: Jodie Walters	
	78 Physiotherapy Adolescent Idiopathic Scoliosis Triage. Can high diagnostic agreement in Cobb angle and Risser score measurement and efficient conservative management be achieved? A service evaluation. Presenter: Ellen Hobbs	
	80 Comprehension and internal validity of a Discrete Choice Experiment exploring attitude to risk and treatment preference in bracing scoliosis. Presenter: Rav Jayasuriya	
	85 Is it time to reinstate School Screening in the UK? Presenter: Christina Sam	
<i>Final Questions & Discussions</i>		
14:50-15:20	COMBINED SESSION WITH BSS, BSIN & NPSAN: Moments of risk and false positive IOM alerts in deformity correction surgery Speaker: Diane Boothman <i>Moderators: Judith Morgan / Lennel Lutchman</i>	Affinity 2
15:20-15:50	REFRESHMENTS, EXHIBITION & POSTERS	Affinity 2
15:50-16:30	KEYNOTE LECTURE: Evolution of Technology in AIS Surgery Speaker: Massimo Balsono <i>Moderators: Sashin Ahuja / Tom Marjoram</i>	Affinity 1
16:30-16:45	PRESIDENTIAL ADDRESS Speaker: Neil Oxborrow	
16:45-17:30	BSS AGM	
19:00	DRINKS RECEPTION & CONFERENCE DINNER (Ticket Only) <i>Dress code: Black Tie (Optional)</i>	Think Tank Science Museum

FRIDAY 22ND NOVEMBER 2024

Time	Session Detail	Location
07:45-08:30	REGISTRATION & EXHIBITION	Foyer & Affinity 2
08:15-08:45	BASIS Study progress meeting <i>Speakers: Ashley Cole & Katie Ridsdale</i>	Affinity 1
09:00-10:00	PAPER SESSION 5 – Miscellaneous & Adolescent Idiopathic Scoliosis <i>Moderators: Niall Eames / Nick Steele</i>	Affinity 1
41	Surgical Complications in Neuromuscular Scoliosis Surgery: Systematic Review and Meta-Analysis of the Last Ten Years. Presenter: Mostafa Elmeshneb	
53	A Pre-Operative Surgical Education (POSE) Programme Part of Surgical Pre-Assessment Increase Preparedness and Understanding for Surgery, Reduce Anxiety, and Associated with Reduced Length of Stay Presenter: Jonathan Lucas	
58	Can postoperative Cobb and pelvic obliquity corrections be predicted using supine traction X-rays in non-ambulatory patients with cerebral palsy fused to L5? Presenter: Jonathan Lucas	
60	Single Sitting Correction of Severe Rigid Scoliosis using a Rib–Spine Construct with Gradual Internal Distraction. Presenter: Ahmed Sh Amer	
63	Late presentation of scoliosis, does deprivation and demographics influence the Odds? Presenter: Ahmad Hussien	
73	Long Term Surgical Outcomes of kyphectomies in Spina Bifida (Myelomeningocele) Presenter: Stuart Tucker	
83	Reducing effective radiation dose from whole spine X-rays using a high kV protocol. Presenter: Vinay Jasani	
	<i>Final Questions & Discussions</i>	
10:00-10:45	KEYNOTE LECTURE: Global Outreach Scoliosis Program: the need of the hour. Our Experience and future collaborations <i>Speakers: Ujjwal Debnath</i> <i>Moderators: Girish Swamy / Jayesh Trivedi</i>	
10:45-11:15	Pregnancy and Scoliosis: Challenges and experience <i>Speakers: Anna Haestier & Monica Morosan</i> <i>Moderators: Lee Breakwell / Vivek Kalra</i>	Affinity 1

FRIDAY 22ND NOVEMBER 2024

Time	Session Detail	Location															
11:15-11.45	REFRESHMENTS, EXHIBITION & POSTER	Affinity 2															
11:45-12:20	<p>Patient and Parent Session</p> <p>Role of a patient Liaison Officer: Mum to a patient champion and counsellor Speaker: Jo Norton</p> <p>My journey from diagnosis to an elite Para Olympic athlete Speaker: Joseph Fortnum-Adams</p> <p>Transitioning from a scoliosis patient to a life in the University. My journey Speaker: Daisy Norton</p> <p><i>Moderators: Charlotte El-Labany / Fran Sutton</i></p>	Affinity 1															
12:20-13:00	<p>GREG HOUGHTON LECTURE:</p> <p>Challenges in the treatment of scoliosis. The past, the present and the future. Speaker: Elnasri Ahmed</p> <p><i>Moderators: Lennel Lutchman / Ashley Cole</i></p>																
13:00-13:30	<p>PAPER SESSION 6 - Adolescent Idiopathic Scoliosis</p> <p><i>Moderators: Lee Breakwell / Sudarshan Munigangaiah</i></p>																
	<table border="1"> <tbody> <tr> <td>9</td> <td>Comparing Postoperative Outcomes in Anterior Vertebral Body Tethering against Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis: a Narrative Review</td> <td>Presenter: Seif Alshunnar</td> </tr> <tr> <td>28</td> <td>Scoliotic vertebral shape in the transverse plane: a pilot study comparing scoliotic and non-scoliotic transverse vertebral shape using magnetic resonance imaging and statistical shape modelling</td> <td>Presenter: Judith Meakin</td> </tr> <tr> <td>30</td> <td>Is pain and mental health correlated in patients with scoliosis completing Physiotherapy Scoliosis Specific Exercise?</td> <td>Presenter: David Gower</td> </tr> <tr> <td>57</td> <td>Can Schroth Physiotherapeutic Scoliosis-Specific Exercise offered on the National Health Service, halt curve progression in Adolescent Idiopathic Scoliosis</td> <td>Presenter: Louise Neale</td> </tr> <tr> <td>70</td> <td>Enhanced Scoliosis Correction: The Synergistic Power of PSSE Combined with an Asymmetric Scoliosis Brace in Adolescents.</td> <td>Presenter: Jack Choong</td> </tr> </tbody> </table>	9	Comparing Postoperative Outcomes in Anterior Vertebral Body Tethering against Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis: a Narrative Review	Presenter: Seif Alshunnar	28	Scoliotic vertebral shape in the transverse plane: a pilot study comparing scoliotic and non-scoliotic transverse vertebral shape using magnetic resonance imaging and statistical shape modelling	Presenter: Judith Meakin	30	Is pain and mental health correlated in patients with scoliosis completing Physiotherapy Scoliosis Specific Exercise?	Presenter: David Gower	57	Can Schroth Physiotherapeutic Scoliosis-Specific Exercise offered on the National Health Service, halt curve progression in Adolescent Idiopathic Scoliosis	Presenter: Louise Neale	70	Enhanced Scoliosis Correction: The Synergistic Power of PSSE Combined with an Asymmetric Scoliosis Brace in Adolescents.	Presenter: Jack Choong	
9	Comparing Postoperative Outcomes in Anterior Vertebral Body Tethering against Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis: a Narrative Review	Presenter: Seif Alshunnar															
28	Scoliotic vertebral shape in the transverse plane: a pilot study comparing scoliotic and non-scoliotic transverse vertebral shape using magnetic resonance imaging and statistical shape modelling	Presenter: Judith Meakin															
30	Is pain and mental health correlated in patients with scoliosis completing Physiotherapy Scoliosis Specific Exercise?	Presenter: David Gower															
57	Can Schroth Physiotherapeutic Scoliosis-Specific Exercise offered on the National Health Service, halt curve progression in Adolescent Idiopathic Scoliosis	Presenter: Louise Neale															
70	Enhanced Scoliosis Correction: The Synergistic Power of PSSE Combined with an Asymmetric Scoliosis Brace in Adolescents.	Presenter: Jack Choong															
	<i>Final Questions & Discussions</i>																
13:30-14:30	LUNCH, EXHIBITION & POSTERS	Affinity 2															

FRIDAY 22ND NOVEMBER 2024

Time	Session Detail	Location
13:45-14:30	<p>LUNCHTIME SYMPOSIUM – Sponsored by Stryker</p> <p>Active Apex Control “APC” technique for Guided Growth Modulation in Early-Onset Scoliosis</p> <p>Speakers: Dr. Alaaeldin Ahmad & Dr. Massimo Balsano</p>	Belmont 3
14:30-14:45	<p>BSS 2025 Update</p> <p><i>Speaker: Jonathan Lucas</i></p>	Affinity 1
14:45-15:30	<p>UPDATE SESSION</p> <p>GIRFT / NCIP Update</p> <p><i>Speaker: Mike Hutton</i></p> <p>Doing the right thing [GIRFT]. Further, Faster Paediatric Deformity Surgery update</p> <p><i>Speaker: Mike Grevitt</i></p> <p><i>Moderator: Neil Oxborrow</i></p>	
15:30-15:45	PRIZES AND CLOSE OF PROCEEDINGS	



Join us

**Active Apex Control “APC”
technique for Guided Growth
Modulation in Early-Onset Scoliosis**

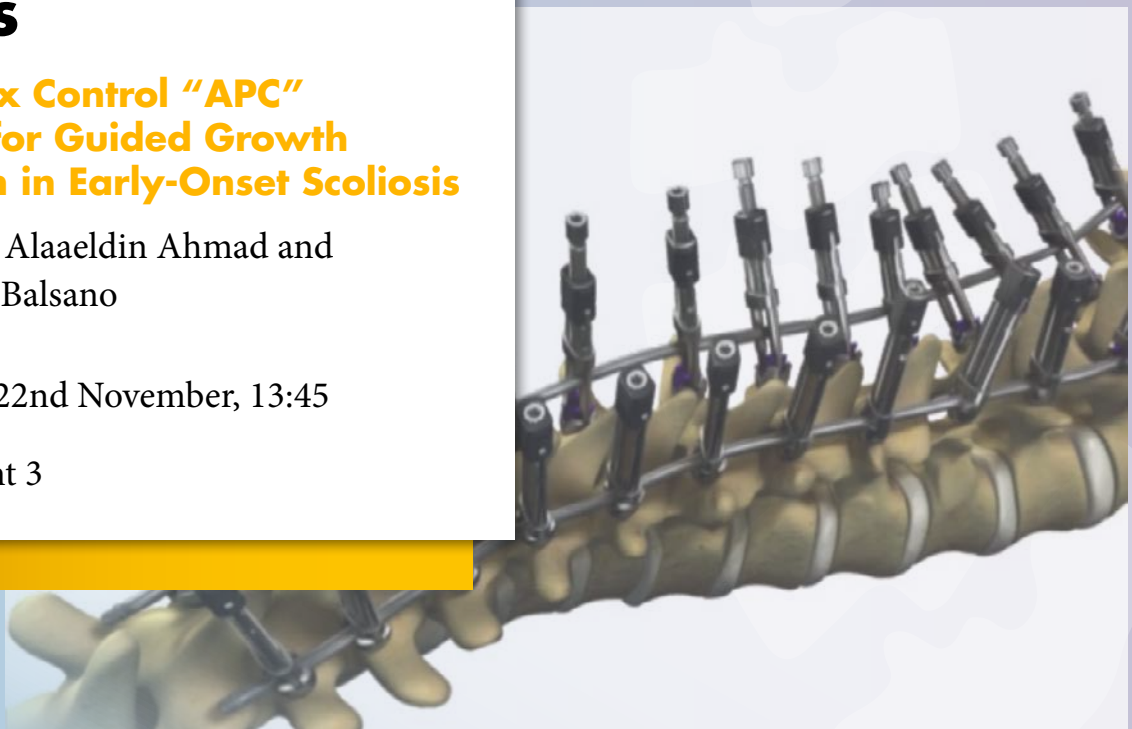
Speakers: Dr. Alaaeldin Ahmad and
Dr. Massimo Balsano



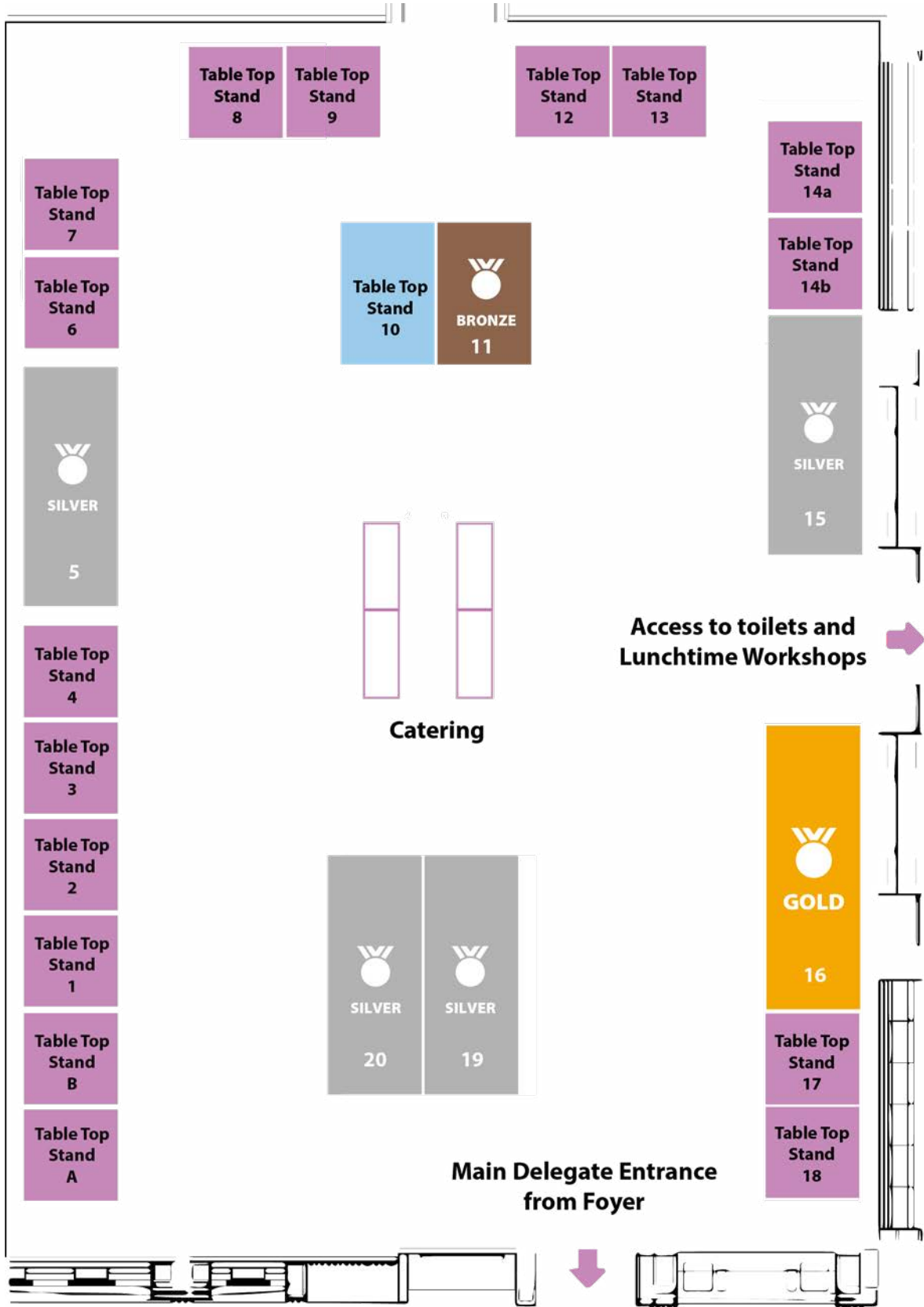
Friday 22nd November, 13:45



Belmont 3



Affinity 2



EXHIBITORS' NAMES AND STAND NUMBERS

Stand Number	Company	Sponsor
Stand Number A	The London Orthotic Consultancy Ltd	
Stand Number B	BASIS Study	
Stand Number 1	Amplitude Clinical Outcomes	
Stand Number 2	Biocomposites	
Stand Number 3	Osteotec	
Stand Number 4	Axiom Neuromonitoring	
Stand Number 5	Stryker	Silver
Stand Number 6	Lindare Medical	
Stand Number 7	Brainlab	
Stand Number 8	Mercian Surgical	
Stand Number 9	Siemens Healthineers	
Stand Number 10	MedScience	
Stand Number 11	Silony Spine	Bronze
Stand Number 12	Codman Specialty Surgical	
Stand Number 13	Orthopediatrics	
Stand Number 14a	SpineArt	
Stand Number 14b	NHS Blood and Transplant	
Stand Number 15	The Spine Corporation	Silver
Stand Number 16	Globus Medical	GOLD
Stand Number 17	Edge Medical	
Stand Number 18	Macromed	
Stand Number 19	Depuy Synthes	Silver
Stand Number 20	Medtronic	Silver

Gold Sponsor Profile

BSS 2024 gratefully acknowledges the generous contribution from all the sponsors and exhibitors.

Gold Sponsor



Globus Medical, Inc. is a leading musculoskeletal technology company based in Audubon, PA. The company was founded in 2003 by an experienced group of engineers and business leaders who believed that significantly better patient outcomes in spine surgery were possible. Today Globus Medical is committed to creating products that enable surgeons to promote healing in patients with musculoskeletal disorders. At Globus Medical, listening to customers and responding with action is paramount, and the company is relentlessly focused on solving unmet customer and patient needs with world class engineering and technology.

www.globus.com

**SAVE THE
DATE!**



BSS 2025

Combined meeting with the NSDS



@ County Hall, London, UK

13-14 November 2025

Educational Day 12 November 2025

BritScoliosis.org.uk/BSS2025 | #BSS2025 | @BritScoliosis on X (formerly Twitter)



Silver Sponsor Profiles

BSS 2024 gratefully acknowledges the generous contribution from all the sponsors and exhibitors.

Silver Sponsors



Stryker is one of the world's leading medical technology companies and together with our customers, we are driven to make healthcare better. The company offers a diverse array of innovative medical technologies, including reconstructive, medical and surgical and neurotechnology and spine products to help lead more active and more satisfying lives. Stryker products and services are available in over 100 countries.

www.stryker.co.uk



Fuelled by innovation at the intersection of biology and technology, we're developing the next generation of smarter, less invasive, more personalised treatments.

We keep people moving

At DePuy Synthes, our mission is to keep people moving through innovations in orthopaedic surgery, support and education for providers, and a dedication to improving diversity, inclusivity, and equality throughout the healthcare system.

With new advancements in orthopaedic devices, medical technology, and digital surgery across the continuum of care, we are proud to provide surgeons with solutions as diverse as their patients.

www.jnj.com/medtech



The SpineCorporation is a progressive and innovative manufacturer of medical devices used in the management of spinal disorders in children and adults. With over 25 years of clinically proven success in the healthcare field, we offer a range of spinal braces used in the management of scoliosis. Our braces are used by healthcare professionals worldwide, offering their patients the very best treatment solutions. The SpineCorporation is dedicated to improving the lives of people through advancements in healthcare science and technology, and our clinical experience and continued investment in technology has led us to develop new and innovative solutions to spinal conditions.

www.thespinecorporation.com



Engineering the extraordinary

As a global leader in medical technology, services and solutions, Medtronic improves the lives and health of millions of people each year. We use our deep clinical, therapeutic and economic expertise to address the complex challenges faced by healthcare systems today. Let's take healthcare Further, Together.

www.medtronic.com

Bronze Sponsor Profile

BSS 2024 gratefully acknowledges the generous contribution from all the sponsors and exhibitors.

Bronze Sponsors



Silony Spine is disrupting the spinal surgery marketplace with compatible options for enabling technology systems. Check out our portfolio of precision tools and hardware that add significant value and freedom of choice. We share your commitment to achieving the best possible patient outcomes and economic value. From our own beginnings as a customer dissatisfied with the status quo among established suppliers, we are building a more responsive company that understands today's business landscape with the individualized service that lives in our DNA. We believe spinal implants and instruments should adapt to the user – rather than the other way around. As such, everyone at Silony Medical is highly motivated and committed to differentiate themselves in the spinal industry. We all subscribe to a set of core values: commitment, integrity, teamwork, and uncompromising quality.

www.silonyspine.com

A collection of various surgical instruments, including forceps and retractors, arranged on a dark, textured background. The instruments are shown in different orientations, highlighting their precision and design.

For precision
and quality,
Mercian
Instruments are
the spinal
surgeon's choice.

MERCIAN
Surgical Instruments of Excellence

Mercian Surgical Supply Co. Limited

10 Topaz Business Park, Topaz Way, Bromsgrove, Worcestershire B61 0GD. UK. Tel: +44 (0) 844 879 1133 Email: info@merciansurgical.com

www.merciansurgical.com

Johnson & Johnson
MedTech



Are you going to BSS in November?

Yes

No



In July, we organised our first ever UK Complex Cervical course at the Cambridge Surgical Training Centre

[Read Article](#)

We are enhancing our ATP solution with our double angled instruments with a 24 and 36 degree option.

[Book a Demo](#)



Can reducing Surgical Site Infection deliver cost savings?

[Try Interactive Tool](#)

We're proud to support NHS Trusts in enhancing patient care and operational efficiency. Click to find out how our Value Solutions team do this

[Watch Video](#)



Our latest
newsletter



Sign up to our Marketing Consent to receive our Quarterly Newsletter

Click yes to the consent questions on the form and verify your email within 48 hours

Forthcoming Meetings

Event	Dates	Location	Country
Society of British Neurological Surgeons (SBNS) 2025 Spring Meeting	11 - 14 March 2025	Belfast	UK
National Spine Network (NSN) 2025	11-March- 2025	Manchester	UK
BritSpine 2025	12 - 14 March 2025	Manchester	UK
International Meeting on Advanced Spine Techniques (IMAST) 2025	2 - 5 April 2025	Glasgow	UK
Scoliosis Research Society (SRS) 2025	16 - 20 September 2025	Charlotte, NC	USA
EuroSpine 2025	22 - 24 October 2025	Copenhagen	Denmark
British Scoliosis Society (BSS) 2025	12 - 14 November 2025	London	UK
NASS 2025	14 - 17 November 2025	Denver CO	USA
British Association of Spine Surgeons (BASS) 2026	Spring 2026	TBC	UK



BritSpine

12-14 March 2025

at the Manchester Central Convention Complex

www.BritSpine.com | @BritSpine on X | #BritSpine2025



BritSpine is the leading multi-disciplinary scientific conference and exhibition, held across 3 days which will bring together experts in spinal conditions, research and treatment from across the world to expand knowledge and promote networking.

We welcome abstract submissions (close 11 December 2024), and **Registration is NOW OPEN!**

Visit BritSpine.com for more information

Early-Bird Rates NOW AVAILABLE!
(end 29 Jan 2025)

