



BRITISH LIMB RECONSTRUCTION SOCIETY

BLRS
2021

ANNUAL SCIENTIFIC MEETING
VIRTUAL CONFERENCE

LAUNCHING 15 APRIL



British Limb Reconstruction Society

SAVE THE DATE

- ✓ **Calling all surgeons, allied health professionals, nurses, trainees and anyone else with an interest in limb reconstruction**
- ✓ **No need for study leave - view all content at your convenience for 9 weeks, when you want it, where you want it.**
- ✓ **Covering a broad range of subjects, updates and instructional content in limb reconstruction.**

Accredited by:

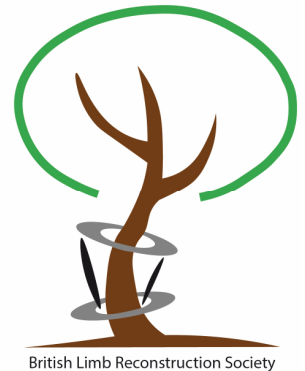


Royal College
of Surgeons

ADVANCING SURGICAL CARE

Why register?

- ✓ **Broad range of subjects, updates and instructional content in limb reconstruction.**
- ✓ **No need for study leave – view all content at your convenience for 9 weeks** from 15 April until 18 June, **when you want it, where you want it.**
- ✓ Registration **open to members and non members** from 22 February until 11 June.
- ✓ **CPD accredited** by Royal college of Surgeons.
- ✓ **Live webinars** – engage with our experts through detailed case discussions.
- ✓ **Engage with industry exhibitors** – learn about their latest innovations, have a zoom chat, view pre-recorded presentations and participate in live webinars.
- ✓ **Networking** with speakers, fellow colleagues and industry exhibitors



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Programme overview

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All content included in your registration fee

Room 1	MAJOR INCIDENTS MASTERCLASS	Not to be missed – learn from the experts on major incident responses and rehab.
Room 2	TOPICS IN FOCUS	3D printing; knees; foot deformities.
Room 3	KEYNOTE LECTURES	The basic science of fractures; The induced membrane technique; Reverse planning.
Room 4	NURSES & ALLIED HEALTH PROFESSIONALS	Psychology for major surgery; preparing for surgery; patient experience – a mother's perspective; service role / development; clinical talks; a year of covid-19.
Room 5	INDUSTRY EXHIBITION & PRESENTATIONS	Visit our industry exhibitors – learn about their latest innovations, have a zoom chat, view pre-recorded presentations and participate in live webinars.
Room 6	FREE PAPERS	View our selected 59 free papers, each giving a five minute presentation covering adult deformity; adult infection; adult trauma; basic science; paediatric.
Room 7	RESEARCH & REPORTS	Travelling fellowship report; the ACTIV trial; BOA future leaders fellow



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Welcome to BLRS 2021

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Welcome
Om Lahoti
BLRS President

Live Webinars – engage with our experts Save the dates

(7pm–8pm)

- 19 April** Best of the best free papers
- 26 April** Nurses and Allied Health Professionals
- 28 April** Major incidents masterclass
- 17 May** **Smith+Nephew** industry webinar
- 19 May**  industry webinar

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Room 1 MAJOR INCIDENTS MASTERCLASS

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WELCOME & INTRODUCTION: Amer Shoaib – Manchester	10 mins.
THE BATACLAN AND PARIS ATTACKS: Thierry Bégué – University of Paris	20 mins.
A BOMBING VICTIM'S PERSPECTIVE: Paul Price – Manchester	20 mins.
RESPONDING TO VIOLENCE IN GAZA: Graeme Groom – King's College Hospital	20 mins.

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Room 2 TOPICS IN FOCUS

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3D PRINTING SYMPOSIUM	FROM THE LAB TO THE OR: Paulo Bartolo – Manchester University	20 mins.
	BIOLOGICAL 3D PRINTING: Bahattin Koc – Sabanci University, Istanbul	20 mins.
	MEDICAL IMPLANT TECHNOLOGY: Gordon Blunn – UCL, London	20 mins.
	USING 4WEB FOR BONE DEFECTS: Mark Davies – Sheffield	20 mins.
KNEE SYMPOSIUM	PERIARTICULAR OSTEOTOMIES: Matt Dawson – Carlisle	20 mins.
	FRAME MANAGEMENT OF PLATEAU FRACTURES: Amir Qureshi – Southampton	20 mins.
	KNEE DISTRACTION FOR OSTEOARTHRITIS: Hamish Simpson – University of Edinburgh	20 mins.
FOOT DEFORMITIES SYMPOSIUM	TRADITIONAL ILIZAROV – THE WORKHORSE OF THE PAEDIATRIC FOOT DEFORMITY CORRECTION: James Fernandes – Sheffield	20 mins.
	CORRECTION OF COMPLEX FOOT DEFORMITIES IN ADULTS WITH HEXAPOD Om Lahoti – King’s College Hospital	20 mins.



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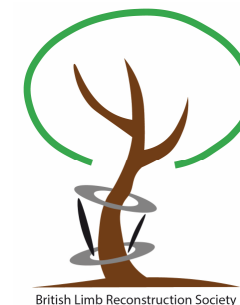


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Room 3 KEYNOTE LECTURES

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THE BASIC SCIENCE OF FRACTURES	Peter Thomas – Keele University	45 mins.
THE INDUCED MEMBRANE TECHNIQUE	Thierry Bégué – University of Paris	45 mins.
REVERSE PLANNING	Rainer Baumgart – Germany and Farhan Ali – Manchester	45 mins.

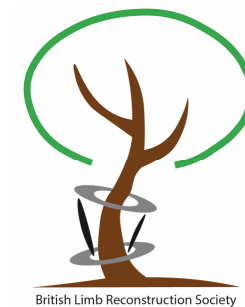
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Room 4 NURSES & ALLIED HEALTH PROFESSIONALS

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MANCHESTER	WELCOME & INTRODUCTION Rex Turita – Manchester	5 mins.
	A MOTHER'S EXPERIENCE Raseema Bakkali / Rex Turita – Manchester	15 mins.
	SCHOOL RE-INTEGRATION Steven Brown / Rex Turita – Manchester	15 mins.
	PSYCHOLOGY FOLLOWING MAJOR TRAUMA TBC / Rex Turita – Manchester	15 mins.
SERVICE / ROLE DEVELOPMENT	WELCOME & INTRODUCTION Anna Timms – Stanmore	5 mins.
	EXTENDED ROLES Mark Raven / Philippa Bridgeman – Queen Elizabeth Birmingham	15 mins.
	CITIZEN ADVICE CLINIC Sarah Phillips – King's College London	15 mins.

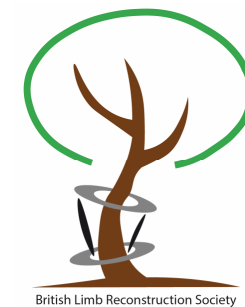
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CLINICAL	WELCOME & INTRODUCTION Rex Turita – Manchester	5 mins.
	FRAME REMOVAL IN THE OUTPATIENTS DEPARTMENT – HINTS AND TIPS Maria Vincent – Sheffield	15 mins.
	TBC Steven Brown – Manchester	15 mins.
A YEAR OF COVID-19	WELCOME & INTRODUCTION Anna Timms – Stanmore	5 mins.
	PHYSIOTHERAPY TREATMENT OF FRAME PATIENTS DURING THE COVID CRISIS Nicola Glossop – Sheffield	15 mins.



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Room 5 INDUSTRY EXHIBITION

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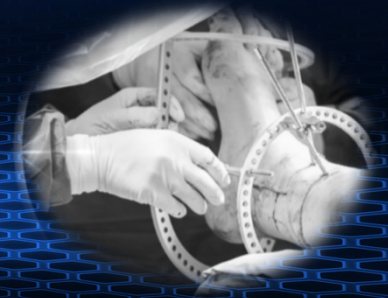
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Room 6 FREE PAPERS

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CATEGORY: ADULT DEFORMITY	
Correction of Charcot arthropathy foot deformities with Taylor spatial frame: 7-14 yr. follow up. (4)	Wire technique for ischaemic disease of lower limbs. (39)
Early results from our experience with the STRYDE nail- a cause for concern? (5)	Defining the anatomic axis joint centre distance (aJCD) and anatomic axis joint centre ratio (aJCR) of the distal femur in the coronal plane. (45)
Measuring quality of life in patients undergoing reconstructive procedures: an overview of the PROLLIT study. (19)	Development of a patient reported outcome measure in Limb reconstruction: pilot study assessing face validity, comprehension and relevance. (46)
Salford technique of correction of rotational deformity in lower limbs. (21)	Accuracy of Fixator assisted deformity correction in the lower limb. (51)
Time to full weightbearing following intramedullary limb lengthening is overestimated by using the Pixel Value Ratio. (26)	National Audit on Thromboprophylaxis in Intramedullary Lengthening. (43)
The Establishment of a Citizens Advice Clinic within a Limb Reconstruction Service. (30)	Auto Strut: A Novel Smart Robotic System for External Fixation Device for Bone Deformity Correction - Preliminary Result. (55)
Correction of Post traumatic deformities of lower limb using Ilizarov frame& technique. (40)	Intraoperative assessment of coronal alignment - a novel, low-cost technical trick. (57)
A systematic review exploring what is important to patients with regards to Quality of Life after lower limb reconstruction. (22)	

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Room 6 FREE PAPERS

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CATEGORY: ADULT INFECTION

Evaluation of the Accuracy of the Fluorodeoxyglucose-Positron Emission Tomography ([¹⁸F] FDG-PET CT) in the Diagnosis of Chronic Osteomyelitis. (14)

Quality of life in patients with Osteomyelitis in the UK. (23)

Pre-referral microbiology in long bone osteomyelitis. What does it tell us? (24)

Incidence of Deep Infection in Circular Frame with Minimum 1 year follow up from Frame Removal (25)

Does local implantation of gentamicin impair renal function in patients undergoing surgery for chronic osteomyelitis and fracture-related infection?(60)

Pin site infections in 39 patients treated with external ring fixation – a prospective pilot study. (61)

Multidisciplinary Orthoplastic Management of Osteomyelitis. (38)



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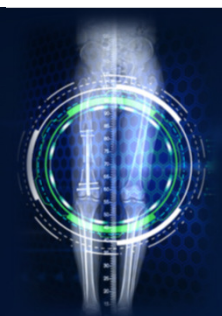
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The banner features a dark blue background with a grid pattern. On the left, there is a glowing blue and green circular graphic. On the right, there is a grayscale image of a hand holding a circular frame. The text is white and yellow, providing information about the online availability and dates of the conference.

Room 6 FREE PAPERS

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CATEGORY: ADULT TRAUMA	
The Chertsey Experience- A Review of our Complex Trauma Referral Pathway for Ilizarov Frames. (2)	Treatment of fragility ankle fractures using hindfoot nail, a systemic review. (28)
Management of Gustillo-Anderson III B fractures in elderly patients with acute intentional deformation using Taylor spatial frame. (3)	98% union rate in long-bone fracture non-unions treated in the absence of supplementary biological therapies: a retrospective cohort study. (53)
Adjuvant Local Antibiotic Hydroxyapatite Bio-Composite in the Management of Open Gustilo Anderson IIIB Fractures. Prospective Review of 80 Patients from the Manchester OrthoPlastic Unit. (11)	A Predictive model for failure of Intra-medullary nail fixations in femur fractures. (62)
Local flaps vs. Free flaps for complex lower limb fractures: effect of flap choice on patient-reported outcomes. (12)	Ilizarov Management of Pilon Fractures. Assessment of functional and clinical outcome of patients treated at a regional centre over a 14-year period. (36)
Limb salvage and functional outcomes in patients presenting with limb threatening vascular injuries following blunt trauma to lower limbs at a Major Trauma Centre. (15)	Management of segmental bone defects of the upper limb: A scoping review with data synthesis to inform decision making. (44)
Early experience of unicortical external fixation system to aim the CHAOS (Computer Hexapod Assisted Orthopaedic Surgery) technique in lower limb reconstruction surgery. (20)	Percutaneous strain reduction screws are a cost effective and reproducible method to treat long bone non-union. (64)



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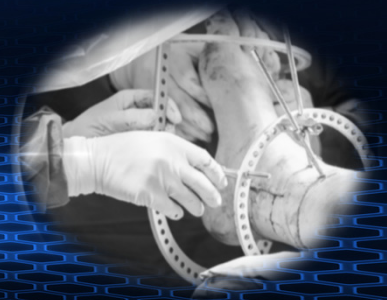
CATEGORY: BASIC SCIENCE

Efficacy of Pentrox during removal of Circular frames in the clinic. (6)	The effectiveness of fine wire clamping mechanism in the Taylor Spatial frame (TSF). (49)
Russian Tensioning Angle and the Impact of an Orthogonal Wire in Ilizarov Frames: A Biomechanical Study. (10)	Taylor Spatial Frame catastrophic ring failure. (50)
Finite Element Modelling of Tibial Defects Managed with a Fine Wire Fixator. (17)	Comparison of the Quality of Mechanical Axis Radiographs with EOS. (32)
Reducing the risk of ring breakage in Taylor Spatial Frames: The effect of frame configuration on strain at the half ring junction. (47)	Pentrox (Methoxyflurane) as an analgesic for removal of Circular External Fixators & minor procedures to reduce the need for general anesthesia during the COVID19 emergency. (16)

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CATEGORY: PAEDIATRIC

supported by:

Effectiveness of circumferential periosteal release to treat paediatric lower extremity limb-length discrepancy. (7)	The importance of Leg Length Monitoring in Developmental Dysplasia of the Hip. (58)
Supratubercular Osteotomy and Gradual Correction with Taylor Spatial Frame for the Management of Torsional Malalignment Syndrome. (8)	The outcome of treatment of congenital pseudoarthrosis of tibia. A follow up at skeletal maturity compared to recent trends. (63)
Femoral morphological changes and the role of contralateral epiphysiodesis in patients with Legg-Calvé-Perthes disease. (9)	The Use of the PRECICE Nail for Limb Lengthening in Pathological Bone Disease - a Case Series. (33)
External fixator-assisted internal fixation of pediatric femoral fractures. (13)	Is bone consolidation changed by plating after lengthening of the tibia? A review of 35 cases. (34)
Retrospective short to mid term Roye Outcome Scores of relapsed CTEV treated with gradual distraction using circular frames. (18)	Surgical Outcome Following External Fixator-Assisted Metatarsal Lengthening for Brachymetatarsia in Children. (35)
A review of the evidence for paediatric metalwork retention and removal. (48)	Correction of bowing deformities in paediatric femur and tibia by Ilizarov technique. (37)
The purpose of our study was to retrospectively analyse our patients who were treated for FH and PFFD by means of guided growth temporary Hemiepiphysiodesis. We sought to determine the effectiveness of the procedure, as well as its success rates, complications, and rebound phenomena. (54)	Femoral lengthening in children using Ilizarov external fixator. (41)
	3D-Printed Cutting Guides for Lower Limb Deformity Correction in the Young Population. (52)



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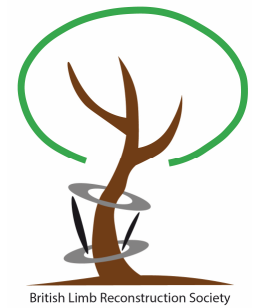


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Room 7 RESEARCH & REPORTS

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TRAVELLING FELLOWSHIP REPORT	Deepa Bose	10 mins.
THE ACTIVE TRIAL	Hemant Sharma	10 mins.
BOA FUTURE LEADERS FELLOW	Ross Muir	10 mins.

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