

9th - 12th September 2025
The Diamond, University of Sheffield

Sheffield Masterclass

Advanced Paediatric Orthopaedic Techniques

Sheffield Children's **NHS**
NHS Foundation Trust

Who should attend?

- Paediatric Orthopaedic Surgeons
- Trainees and Fellows in training
- Others with an interest in Paediatric orthopaedics



Why attend?

- Diverse international and national faculty sharing tips and tricks, covering the breadth of Paediatric Orthopaedic techniques and limb reconstruction - lower and upper limbs.
- Maximum interaction, minimum lectures!
- Hands-on experience - industry workshops.
- Video discussion of select operative techniques.
- Social networking.
- 24 CPD points applied for - Royal College of Surgeons of Edinburgh.



REGISTER NOW

sheffieldmasterclass.com

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Programme overview

Day 1: Limb Reconstruction

Day 2: Hip Preservation Paediatric Knee

Day 3: Limb Reconstruction Neuromuscular
Upper Limb & Foot and Ankle

Day 4: Brittle Bones and
Neuromuscular
Lower limb



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International Faculty



Mohan Belthur
Phoenix, AZ, USA



Grainne Colgan
Dublin, Ireland



Tony Cooper
Vancouver, Canada



Roy Gigi
Tel Aviv, Israel



Reggie Hamdy
Montreal, Canada



Gamal Hosny
Cairo, Egypt



Muharrem Inan
Istanbul, Türkiye



Rujuta Mehta
Mumbai, India



Timothy Nunn
Addis Ababa, Ethiopia

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UK Faculty



Peter Calder
London



David Hollinghurst
Swindon



Om Lahoti
London



David Rowland
Glasgow



Anish Sanghrajka
London



Joanna McKenna
Birmingham



David Wright
Liverpool

Sheffield Faculty



James Fernandes
Convenor



Ian Baxter



Caroline Blakey



John Cashman



Sara Dorman



Owain Evans



Mark Flowers



Steve Giles



Nick Green



Paul Haslam



Robert Kucharski



Sanjeev Madan



Nick Nicolaou



Dominic O'Dowd

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Registration fee includes: coffee breaks, buffet lunch and networking reception on Thursday 11th September.	Early Fee before 15th August <u>FULL 4 DAYS</u> attendance	Early Fee before 15th August <u>SINGLE DAY(s)</u> attendance	Standard Fee after 16th August <u>FULL 4 DAYS</u> attendance	Standard Fee after 16th August <u>SINGLE DAY(s)</u> attendance
Consultants Consultant surgeons	£695	£350	£795	£450
Trainees / Fellows	£495	£250	£595	£350
Allied health professionals	£395	£195	£495	£295
Course Dinner Wednesday 10th September	£55			

sheffieldmasterclass.com



Tuesday 9th September

Limb Reconstruction

ROOM: Lecture Theatre 5

Moderator: James Fernandes

08.00 Welcome

08.05 CFD - Hip reconstruction. **James Fernandes**

08.20 Femoral lengthening for CFD with knee protection. **Tony Cooper**

08.35 Superankle and SHORDT Technique. **Mohan Belthur**

08.50 Tibial Hemimelia - Part 1. **Tim Nunn**

09.05 Tibial Hemimelia - Part 2. **Gamal Hosny**

09.20 Q & A

Workshop - 10 stations



ROOMS: Workroom 1 + 2

09.30 MONOLATERAL LENGTHENING OVER NAIL (DRIVE RAIL WITH SLIM NAIL)

Moderators: Tony Cooper, Roy Gigi, Reggie Hamdy, Mohan Belthur

Supported by:

Anish Sanghrajka, David Rowland, Gamal Hosny, Tim Nunn, Rujuta Mehta,
Peter Calder, Nick Green, Steve Giles, Sanjeev Madan, James Fernandes

10.30 COFFEE & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Moderator: Peter Calder

11.00 Soft tissue distraction for clubfoot. **Anish Sangrajka**

11.10 Use of gradual bony correction using Ilizarov. **David Rowland**

11.20 Advanced use of hexapods in foot corrections. **Om Lahoti**

11.35 Joshi fixator in Clubfeet correction. **Rujuta Mehta**

11.50 Q & A

Workshop - 12 stations

Smith+Nephew idealMed

ROOMS: Workroom 1 (6 x stations S+N) & Workroom 2 (6 x stations idealMed)

12.00 ILIZAROV APPLICATION CIRCULAR FRAME FOR SOFT TISSUE DISTRACTION OF THE FOOT

Moderators: Anish Sangrajka, Nick Green, David Rowland, Sanjeev Madan

Supported by:

Mohan Belthur, Reggie Hamdy, Tim Nunn, Roy Gigi, Rujuta Mehta,
Gamal Hosny, Peter Calder, Tony Cooper, Sanjeev Madan, James Fernandes

13.00 LUNCH & INDUSTRY EXHIBITION

Tuesday 9th September

Limb Reconstruction

ROOM: Lecture Theatre 5

Moderator: Rujuta Mehta

14.00 Limb length equalisation by epiphysiodesis technique. **Peter Calder**

14.10 Closed femoral shortening. **Nick Green**

14.20 Osteosynthesis Congenital Pseudoarthrosis of Tibia. **Reggie Hamdy**

14.35 Blount's - holistic approach. **Gamal Hosny**

14.50 Q & A

Workshop - 12 stations



Smith+Nephew

ROOMS: Workroom 1 (6 x stations OP) & Workroom 2 (6 x stations S+N)

15.00 APPLICATION HEXAPOD FOR U OSTEOTOMY

Moderators: Om Lahoti, Sanjeev Madan, Tony Cooper, Steve Giles

Supported by:

Mohan Belthur, Anish Sanghrajka, David Rowland, Reggie Hamdy, Tim Nunn,

Roy Gigi, Gamal Hosny, Peter Calder, Nick Green, Rujuta Mehta, James Fernandes

16.00 TEA & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Moderator: Nick Green

16.30 Congenital knee (the younger child) ligamentous reconstruction. **Nicolas Nicolaou**

16.45 Case discussions. **All Faculty**

Workshop - 12 stations



**Johnson & Johnson
MedTech**

ROOMS: Workroom 1 (6 x stations OP) & ROOM: Workroom 2 (6 x stations J&J)

17.30 CLOSED FEMORAL DEROTATION / SHORTENING OSTEOTOMY

Moderators: Reggie Hamdy, David Rowland, Nick Green, Peter Calder

Supported by:

Mohan Belthur, Anish Sanghrajka, Tim Nunn, Roy Gigi, Gamal Hosny

Rujuta Mehta, James Fernandes

18.30 Close of day one

Wednesday 10th September **Hip Preservation** **Paediatric Knee**

ROOM: Lecture Theatre 5

Hip Preservation

Moderator: Mark Flowers

08.00 Welcome. **Mark Flowers**
08.05 Closed treatment of DDH-Pearls.
Caroline Blakey
08.15 Medial open reduction. **Nick Green**
08.25 Anterior approach. **Reggie Hamdy**
08.40 Femoral osteotomies in DDH. **Tim Nunn**
08.50 Salter's Osteotomy. **Mark Flowers**
09.00 Acetabuloplasties. **Tony Cooper**
09.10 Q & A

ROOM: Lecture Theatre 6

Paediatric Knee

Moderator: Dominic O'Dowd

08.00 Welcome. **Dominic O'Dowd**
08.05 Patella alta - Grammont and MPL.
Nicolas Nicolaou
08.20 Hamstring MPFL reconstruction.
Joanna McKenna
08.35 Quadriceps MPFL reconstruction.
Dominic O'Dowd
08.50 Habitual and Fixed Patellar Dislocation.
Roy Gigi
09.05 Tibial Tubercle Osteotomy. **David Hollinghurst**
09.20 Case Discussions - Patellofemoral. **All faculty**

Workshop - 10 stations

Hip Preservation



ROOMS: Workroom 1 (5 x stations) & Workroom 2 (5 x stations)

09.40 **PELVIC WORKSHOP (YOUNGER CHILDREN <8 YRS OLD)**
HANDS ON AND ANIMATED VIDEOS

Moderators: Reggie Hamdy, Caroline Blakey, Mark Flowers, Tim Nunn

Supported by:

Mohan Belthur, Muharrem Inan, Sanjeev Madan, Nick Green, Peter Calder, Tony Cooper, Anish Sanghrajka, Om Lahoti, Roy Gigi, Robert Kucharski, Rujuta Mehta, James Fernandes.

10.40 COFFEE & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Hip Preservation

Moderator: Nick Green

11.10 Case Discussions - Younger age group.
All faculty
12.10 Femoroacetabular impingement - arthroscopic techniques. **Sanjeev Madan**
12.30 Athletic injuries in the hip. **Caroline Blakey**
12.45 Q&A

ROOM: Lecture Theatre 6

Paediatric Knee

Moderator: David Hollinghurst

11.10 Traumatic Osteochondral Lesion Fixation.
Joanna McKenna
11.25 "Atraumatic" Osteochondral lesions - Drilling.
Roy Gigi
11.40 "Atraumatic" Osteochondral lesions - Open Fixation. **Dominic O'Dowd**
11.55 Chondral Defects - Synthetic Membranes.
Nicolas Nicolaou
12.10 Chondral Defects - OATs Procedure.
Paul Haslam
12.25 Case discussions- cartilage. **All faculty**
12.40 OCD Fixation Educational Workshop **Int2Med**

13.00 LUNCH & INDUSTRY EXHIBITION

Wednesday 10th September

Hip Preservation

Paediatric Knee

ROOM: Lecture Theatre 5

Hip Preservation

Moderator: Caroline Blakey

14.00 FAI - open osteochondroplasty and relative neck lengthening. **Sanjeev Madan**
14.15 Surgical management of AVN. **Tony Cooper**
14.30 Surgical Hip Dislocation - SCFE. **Nick Green**
14.45 Residual dysplasia - PAO. **Caroline Blakey**
15.00 Residual dysplasia - Triple pelvic osteotomy. **Reggie Hamdy**

ROOM: Lecture Theatre 6

Paediatric Knee

Moderator: Joanna McKenna

14:00 Tibial Plateau Osteotomies. **James Fernandes**
14.20 Guided Growth Tibial Slope. **Dominic O'Dowd**
14.35 Modified MacIntosh ACL. **David Hollinghurst**
14.50 All-Epiphyseal ACL. **Paul Haslam**
15.05 Lateral Extra-Articular Tenodesis. **Nicolas Nicolaou**
15.20 Partial Physeal ACL and Guided Growth. **Roy Gigi**
15.35 Case discussion - ACL. **All faculty**

Workshop - 10 stations

Hip Preservation



ROOMS: Workroom 1 (5 x stations) & Workroom 2 (5 x stations)

15.15 PELVIC WORKSHOP (OLDER CHILDREN > 8 YRS OLD) - HANDS ON AND ANIMATED VIDEOS.

Moderators: Reggie Hamdy, Nick Green, Sanjeev Madan, Tony Cooper

Supported by:

Caroline Blakey, Mark Flowers, Mohan Belthur, Sanjeev Madan, Nick Green, Anish Sanghrajka, Om Lahoti, Roy Gigi, Robert Kucharski, Peter Calder, Rujuta Mehta, James Fernandes

16.10 TEA & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Hip Preservation

Moderator: Sanjeev Madan

16.30 OCD-OATS. **Sanjeev Madan**
16.40 Case discussions - Older age group **All faculty**
17.30 Total hip arthroplasty for Paediatric disorders. **Sanjeev Madan**
17.40 Anteverting PAO. **Reggie Hamdy**
17.50 Final comments and close.

ROOM: Lecture Theatre 6

Paediatric Knee

Moderator: Paul Haslam

16.30 Meniscal repair - All-inside. **Roy Gigi**
16.40 Meniscal repair - Inside-out. **Dominic O'Dowd**
16.50 Meniscal repair - Outside-in. **David Hollinghurst**
17.00 Discoid meniscus - Saucerisation and repair. **Joanna McKenna**
17.10 Meniscal root and ramp repair. **Paul Haslam**
17.20 Meniscal Transplant. **Dominic O'Dowd**
17.30 Case discussion - meniscus. **All faculty**
18.00 Final comments and close

19.30 COURSE DINNER - please ensure you have purchased a ticket to attend.

Akbar's Restaurant, 10 Fitzwilliam street, Broomhall, Sheffield, S1 4JB

Thursday 11th September

Limb Reconstruction

Neuromuscular -
Upper Limb & Foot and Ankle

ROOM: Lecture Theatre 5

Limb Reconstruction

Moderator: Muharrem Inan

08.00 Welcome. **Muharrem Inan**
08.05 Knee extension contractures. **Reggie Hamdy**
08.20 Flexion knee contractures. **Tim Nunn**
08.35 Congenital knee (the older child)
ligamentous reconstruction. **Nicolas Nicolaou**
08.50 Update on 3D printing and JIGS. **Roy Gigi**
09.05 Bone substitutes and biologics. **Steve Giles**
09.15 Q & A

ROOM: Lecture Theatre 6

Neuromuscular
Upper Limb &
Foot and Ankle

Moderator: Sara Dorman

08.00 Welcome.
08.05 Introduction to UL assessment & decision
making. **Sara Dorman**
08.25 Shoulder Release (PM, TM, SS, LD)
Grainne Colgan
08.45 Elbow flexor lengthening (Biceps/Brachialis)
John Cashman
09.05 HSN elbow flexors (MCN +/- radial)
Sara Dorman
09.20 OBPP hand tendon transfers. **Rujuta Mehta**
09.25 Case Discussions - low functioning arm
All faculty

Workshop - 12 stations

Limb Reconstruction



ROOMS: Workroom 1 (6 x stations) & Workroom 2 (6 x stations)

09.45 COMPLEX COXA VARA CORRECTION WITH INFANT BLADE PLATE

Moderators: James Fernandes, Reggie Hamdy, Mohan Belthur, Tony Cooper

Supported by:

Muharrem Inan, Sanjeev Madan, Nick Green, Anish Sanghrajka, Tim Nunn,
David Rowland, Om Lahoti, Roy Gigi, Rujuta Mehta, Gamal Hosny

10.45 COFFEE & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Limb Reconstruction

Moderator: Mohan Belthur

11.15 Intramedullary FITBONE femoral lengthening.
Nick Green
11.30 Intramedullary PRECICE femoral lengthening.
Peter Calder
11.45 Q & A
12.00 Case Discussions. **All Faculty**

ROOM: Lecture Theatre 6

Neuromuscular
Upper Limb &
Foot and Ankle

Moderator: John Cashman

11.10 Wrist arthrodesis and PRC. **John Cashman**
11.25 Dorsal Wedge Carpectomy. **Rujuta Mehta**
11.40 STP transfer. **Sara Dorman**
12.00 Thumb release + HSN DBUN & motor branch
median. **Grainne Colgan**
12.15 Case discussions - Functional Upper limb.
All faculty

Thursday 11th September

Limb Reconstruction

Neuromuscular -
Upper Limb & Foot and Ankle

13.00 LUNCH & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Limb Reconstruction

Moderator: Sanjeev Madan

- 13.45 Ilizarov Hip Reconstruction. **Gamal Hosny**
14.05 Pelvic support hip reconstruction - internal devices. **James Fernandes**
14.20 Fixator distraction for intrarticular knee deformity. **Tim Nunn**
14.35 Congenital dislocation of knee. **Rujuta Mehta**
14.50 Q & A

ROOM: Lecture Theatre 6

Neuromuscular
Upper Limb &
Foot and Ankle

Moderator: Grainne Colgan

- 13.45 Forearm fractional lengthening.
John Cashman
14.00 HSN wrist flexors median & ulnar.
Sara Dorman
14.15 Tendon transfers FCU vs ECU to ECRB, PT reroute. **Rujuta Mehta**
14.30 Thumb: EPL tenodesis/ re route/ BR to EPL.
Rujuta Mehta
14.45 Fingers: distal/proximal tenotomy for swan neck, DBUN neurectomy intrinsics & thumb.
Grainne Colgan
15.00 Case discussion - complex cases / dystonia.
All Faculty

Workshop - 12 stations

Limb Reconstruction



ROOM: Workroom 1 (6 x stations FITBONE) & Workroom 2 (6 x stations PRECICE)

15.15 INTRAMEDULLARY RETROGRADE FEMORAL LENGTHENING NAIL WORKSHOP

Moderators (FITBONE): Nick Green and James Fernandes

Moderators (PRECICE): Peter Calder and Mohan Belthur

Supported by:

Muharrem Inan, Sanjeev Madan, Tony Cooper, Anish Sanghrajka,
Om Lahoti, Roy Gigi, Reggie Hamdy, David Rowland, James Fernandes

16.10 TEA & INDUSTRY EXHIBITION

Thursday 11th September

Limb Reconstruction

Neuromuscular -
Upper Limb & Foot and Ankle

ROOM: Lecture Theatre 5

Limb Reconstruction

Moderator: James Fernandes

16.30 Radial Club Hand. **Rujuta Mehta**

16.45 Volkmann's Ischemic contracture. **Rujuta Mehta**

17.00 Chronic radial head dislocation. **Sara Dorman**

17.15 Educational Workshop - Orthex small bone
fixator, radial clubhand. **James Fernandes**

ROOM: Lecture Theatre 6

Neuromuscular
Upper Limb &
Foot and Ankle

Moderator: Robert Kucharski

16.30 Cavovarus foot correction. **Reggie Hamdy**

16.45 Reconstructive Planovalgus correction.

Mark Flowers

17.00 Subtalar Arthroreisis. **Robert Kucharski**

17.10 Congenital vertical talus. **Rujuta Mehta**

17.25 Q & A

Workshop - 10 stations

**Johnson & Johnson
MedTech**

Limb Reconstruction

ROOM: Workroom 1 (5 x stations) & Workroom 2 (5 x stations).

17.30 MAX AUTOFRAME WORKSHOP

Moderators: Om Lahoti and Roy Gigi

Supported by: Mohan Belthur, Muharrem Inan, Sanjeev Madan, Nick Green,
Tony Cooper, Anish Sanghrajka, David Rowland, Reggie Hamdy, James Fernandes

18.30 - 19.30 NETWORKING RECEPTION - All delegates and exhibitors are welcome to attend

Friday 12th September

Brittle Bones & Neuromuscular - Lower Limb

ROOM: Lecture Theatre 5

Moderator: Steve Giles

08.00 Welcome. **Steve Giles**
08.05 Growing rods in the lower limb. **Nicolas Nicolaou**
08.20 Upper limb correction in Brittle bones. **Muharrem Inan**
08.35 Coxa vara correction in Ol. **Reggie Hamdy**
08.45 Q & A

Workshop - 12 stations

Brittle Bones & Neuromuscular



ROOMS: Workroom 1: TST (6 x stations) & Workroom 2 : Orthofix-RODEO (6 x stations).

09.00 GROWING RODS

Moderators: Muharrem Inan and Zagorka Pejin

Supported by:

**Mohan Belthur, Sanjeev Madan, Nick Green, Tony Cooper, Anish Sanghrajka,
Om Lahoti, Roy Gigi, Peter Calder, David Rowland, Reggie Hamdy, Gamal Hosny,
James Fernandes**

10.00 COFFEE & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Moderator: John Cashman

10.30 Introduction and role of Gait analysis in decision making. **John Cashman**
10.45 Surgical correction for crouch. **David Wright**
11.00 VDRO / Dega. **Mohan Belthur**
11.10 Q & A

Friday 12th September

Brittle Bones & Neuromuscular - Lower Limb

Workshop - 10 stations

**Neuromuscular
Lower Limb**



ROOMS: Workroom 1 (5 x stations OP) & Workroom 2 (5 x stations Int2Med).

11.30 DISTAL FEMORAL EXTENSION OSTEOTOMY & PATELLAR PULLDOWN - HANDS ON AND VIDEOS.

Moderators: John Cashman, David Wright, Muharrem Inan, Rujuta Mehta

Supported by:

Mohan Belthur, Sanjeev Madan, Sara Dorman, Ian Baxter, Nick Green, Robert Kucharski, Tony Cooper, Anish Sanghrajka, Om Lahoti, Roy Gigi, Peter Calder, Reggie Hamdy, James Fernandes

12.30 LUNCH & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Moderator: Sara Dorman

13.30 Case Discussions: Hemiplegia / Neuromuscular foot cases

ROOM: Lecture Theatre 5

Moderator: Reggie Hamdy

14.30 DF2 Bracing Educational Workshop. Reggie Hamdy



15.00 TEA & INDUSTRY EXHIBITION

ROOM: Lecture Theatre 5

Moderator: Ian Baxter

15.30 Rectus Transfer. Muharrem Inan

15.40 Semi-tendinosus transfer. John Cashman

15.55 Case Discussions: Skeletally Mature Hip Dislocation - PAO v/s Dega; Shelf v/s Excision. All faculty

17.00 Final comments and close. James Fernandes