

**MEDICO-LEGAL CURRICULUM VITAE**

of

**MISS CAROLINE MARGARET BLAKEY**

**MB ChB PGCertHBE FRCS (T&O) MD(Res)**

**CONSULTANT PAEDIATRIC ORTHOPAEDIC SURGEON**  
**(Developmental Dysplasia of the Hip and Hip Preservation Surgery)**

Sheffield Children's Hospital NHS Foundation Trust

Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust

Consultant in Paediatric Orthopaedic and Young Adult Hip Surgery

## **General Information**

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Miss Caroline Blakey is a Consultant Orthopaedic Surgeon. She works at Sheffield Children's Hospital and Doncaster Infirmary as a Paediatric Orthopaedic Surgeon with an interest in Developmental Dysplasia and hip preservation surgery.

Miss Blakey has been preparing medico-legal reports since December 2022. She has a vast amount of published journal articles as well as completed presentation skills and good clinical practice academic courses. She is also an Assigned Educational Supervisor and the Educational Head of Department.

## **Medico-Legal reports**

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Miss Caroline Blakey can prepare causation, condition and prognosis reports and medical negligence reports.

Condition and prognosis reports – approximately 60 per year.

Negligence / Causation / Breach of Duty – approximately 20 per year.

Claimant / Defendant ratio is 80% / 20%.

She has not yet been required to attend Court.

**Specialities – Paediatric Orthopaedic Surgery with an interest in Developmental Dysplasia and hip preservation surgery.**

## **Education**

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2008 – 2010	St. George's, University of London
1998 – 2003	University of Edinburgh Medical School, Edinburgh
1996 – 1998	St. Leonards School, St. Andrews, Fife.

## **Qualifications**

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FRCS (T&O)	Royal College of Surgeons of England
MD(Res)	St. George's University of London
PGCert HBE	St. George's University of London
MRCS	Royal College of Surgeons of England
MB ChB	University of Edinburgh

## **Professional Memberships**

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International Society of Hip Preservation Surgery  
British Society of Children's Orthopaedic Surgery  
British Orthopaedic Association  
General Medical Council (GMC) Number 6071880

## **Prizes and Awards**

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Young Consultant Travelling Fellowship (2022) South Yorkshire Deanery  
BSCOS Travelling Fellowship (2022) British Society of Children's Orthopaedic Surgery  
BOA Leadership Fellowship (2021) British Orthopaedic Association  
The Getty Plate Registrar Research Award – 2nd Prize (2018) South Yorkshire Scientific Meeting  
Nick Kehoe Travelling Fellowship (2013) South Yorkshire Deanery  
Zimmer IOA / BOA Passage to India Fellowship (2013) British Orthopaedic Association  
The Getty Plate Registrar Research Award - 1st Prize (2011) South Yorkshire Scientific Meeting  
Registrar Research Award - 1<sup>st</sup> Prize (2010) *London Hip Meeting*

## **Current Position**

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### **Paediatric Orthopaedic Surgeon with interest in DDH and hip preservation surgery**

Sheffield Children's Hospital and Doncaster Royal Infirmary. *Appointed April 2019*

Her consultant practice at a tertiary Children's Hospital comprises general paediatric orthopaedics and trauma, with a focus on paediatric and adolescent hip disorders.

She has an adult practice at Doncaster Royal Infirmary, where she manages patients appropriate for hip preservation surgery.

## **Training Experience**

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Trauma / Pelvic Trauma. (Oct 2018 – Feb 2019), *Northern General Hospital, Sheffield.*

Paediatric Orthopaedics (Feb 2018 – Oct 2018), *Sheffield Children's Hospital.*

Hip Arthroscopy (July 2017 – Dec 2017), *Hip Arthroscopy Australia, Melbourne.* Mr J O'Donnell.

Paediatric Orthopaedics (July 2016 – June 2017), *Royal Children's Hospital, Melbourne*. Mr M Johnson, Mr J Balakumar, Mr M O'Sullivan, Mr L Donnan.

Hip Preservation (Feb 2016 – June 2016), *Melbourne Orthopaedic Group / Royal Children's Hospital, Melbourne*. Mr J Balakumar.

Specialist Training Registrar, South Yorkshire Deanery (Feb 2010 – Jan 2016).

Clinical Teaching / Research Fellow (Aug 2008 – Feb 2010).

Senior House Officer (Feb 2004 – Aug 2008).

House Officer (Aug 2003 – Aug 2004).

Basic Surgical Training (Aug 2004 – Feb 2005).

- Intensive Care / Vascular Surgery / Trauma & Orthopaedics.
- Accident & Emergency. (Feb 2005 - Aug 2005), St. Mary's Hospital, London.
- Plastic Surgery. (Aug 2004 - Feb 2005), St. John's Hospital, Livingstone.
- PRHO General Medicine and Surgery. (Aug 2003 - Aug 2004), St. John's Hospital, Livingstone.

## **Fellowship Experience**

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- Hip preservation fellowship, Bern (2020).
- Paediatric Orthopaedic and Hip Preservation, Royal Children's Hospital (2016/2017).
- Hip arthroscopy, Australia (2017).
- Nick Kehoe Travelling Fellowship (2013).
- Zimmer IOA / BOA Passage to India Fellowship (2013).

## **Teaching**

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She is currently an **Assigned Educational Supervisor** for four trainees on the South Yorkshire Orthopaedic Training Rotation and also acts as the clinical supervisor for orthopaedic registrars at Sheffield Children's Hospital. In addition, she is responsible for the training of the department's Advanced Nurse Practitioner and serves as the **Educational Lead** for the department.

She is a member of the faculty for both the **Chesterfield and Sheffield FRCS (Tr & Orth) Clinical Examination Course** and the **British Orthopaedic Association (BOA) Clinical Examination Course**. She is also part of the panel of JCIE question writers for the **FRCS (T&O)** examination.

In **2010**, she was awarded a **Postgraduate Certificate in Healthcare and Biomedical Education** from **St George's University of London**. She undertook this qualification during her time as **Clinical Teaching Fellow** at the **Elective Orthopaedic Centre, Epsom**. Over an 18-month period, she coordinated the musculoskeletal curriculum for groups of fourth- and final-year medical students, led

both small and large group teaching, and developed skills in examination techniques including OSCE assessment and MCQ/EMQ question writing.

## Research

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In **2014**, Miss Blakey was awarded the **MD(Res)** degree from **St George's, University of London** for her thesis entitled *Anterior Instability of the Hip*. This work was undertaken largely during her time as **Clinical Research Fellow** at the **Elective Orthopaedic Centre, Epsom**. During this period, she developed skills in **research methodologies**, their application, **critical analysis**, and **scientific presentation**.

She has established studies in both **cadaveric** and **animal models**, collaborating with both **industry partners** and **academic institutions**. Notably, she initiated links between the **Orthopaedic Department in Sheffield** and the **Department of Mechanical Engineering**, resulting in several collaborative studies following her initial project.

Miss Blakey is an **Associate Principal Investigator** for the multicentre **CRAFTT** and **SBOCK** randomised control trials. She is also currently a **joint supervisor** for **BMedSci** students undertaking research within her department.

During her fellowship in **Melbourne**, she co-authored a **systematic review** and the **results of a Delphi consensus** titled *Developing a Surveillance Protocol in DDH*, which is currently in press.

She has experience with the **Integrated Research Application System (IRAS)**, **Orthopaedic Data Evaluation Panel (ODEP)** studies, and **Patient Reported Outcome Measures (PROMs)**.

## Published Journal Articles

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'A Prospective, Randomised Control Trial Assessing Clinical and Radiological Outcomes of Patient Specific Instrumentation In Total Knee Arthroplasty.' Hampton M, **Blakey CM**, Sutton PM, Hamer AJ, Buckley S, Anderson AJ, Tomouk WS. *J Arthroplasty*. 2022 Aug;37(8):1579-1585.

'Radiofrequency Microdebridement as an Adjunct to Arthroscopic Surgical Treatment for Recalcitrant Gluteal Tendinopathy: A Double-Blind, Randomized Controlled Trial.' **Blakey CM**, O'Donnell J, Klaber I, Singh P, Arora M, Takla A, Fitzpatrick J. *Orthop J Sports Med*. 2020 Jan 24;8(1).

'A new and reliable classification system for fractures of the navicular and associated injuries the midfoot' Petrie MJ, **Blakey CM**, Chadwick C, Davies HG, Blundell C, Davies MB. *Bone Joint J*. 2018;100-B(2):176-182.

'Tibial Bowing' **Blakey CM**, Fernandes J. *Orthopaedics and Trauma*. 2016 Dec 30(6);518-524.

'The Callus Fracture Sign; A Radiological Predictor of Progression to Hypertrophic Non-Union in Diaphyseal Tibial Fractures.' Salih S, **Blakey CM**, Chan D, McGregor-Riley JC, Royston SL, Gowlett S, Moore D, Dennison MG. *Strategies Trauma Limb Reconstr*. 2015 Nov 10(3):149-53.

'A Biomechanical Study Comparing Fixation Methods in Depression Fractures of the Lateral Tibial Plateau.' **Blakey CM**, Rennison M, Guy S, Sutton PM. *BMC Sports Sci Med Rehabil.* 2013 Aug 30;5(1):15.

'Long-term trends in the Oxford knee score following total knee replacement.' Williams DP, **Blakey CM**, Hadfield G, Murray DW, Price AJ, Field RE. *J Bone Joint Surg Br.* 2013 Jan;95B:45-51.

'Secondary Capsular Laxity of the Hip.' **Blakey CM**, Field MH, Singh PJ, Tayar R, Field RE. *Hip Int.* 2010 Oct-Dec;20(4):497-504.

'Mid-term results of the modular ANCA-Fit femoral component in total hip replacement.' **Blakey CM**, Eswaramoorthy VK, Hamilton LC, Biant LC, Field RE. *J Bone Joint Surg Br.* 2009 Dec;91(12):1561-5.

'Failure of cement-in-shell acetabular liner exchange.' A Case Report. **CM Blakey**, LC Biant, TG Kavanagh, RE Field. *Hip Int.* 2010 Jan-Mar;20(1):120-2.

'Ischaemia and the Pink Pulseless Hand complicating supracondylar fractures in children.' **CM Blakey**, LC Biant, R Birch. *J Bone Joint Surg Br.* 2009 Nov;91(11):1487-92.

'Transection of the Common Peroneal Nerve during Harvesting of Tendons for Anterior Cruciate Ligament Reconstruction.' **CM Blakey**, LC Biant. *J Bone Joint Surg Am.* 2008 Jul;90(7):1567-9.

'The implications of a new Code of Practice on the storage of human skin for a regional plastic surgery unit.' **CM Blakey**, KS Alexander, G Galea, KJ Stewart. *Burns.* 2007 Aug; 33(3): 399-400.

## **Presentations**

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Instability in the adolescent hip. Blakey CM. Invited speaker. 2022 British Orthopaedic Association. Birmingham.

Developing a surveillance protocol in DDH – Delphi consensus and Systematic Review. **Blakey CM**, Huang N, Donnan L. 2017 APOS/POSNZ Combined Meeting, Queenstown. 2018 POSICON, Vellore, India. *Podium Presentation* 2018 South Yorkshire Registrars Day, Sheffield. *Podium Presentation*

A Prospective, Randomised Control Trial Assessing Clinical and Radiological Outcomes of Patient Specific Instrumentation In Total Knee Arthroplasty. Blakey CM, Sutton PM, Hamer AJ, Buckley S, Anderson AJ. 2016 South Yorkshire Registrars Day, Sheffield. *Podium Presentation*

Periacetabular Osteotomy through a Minimally Invasive Approach – Early Clinical and Radiological Results. **Blakey CM**, Abouel-Enin S, Cooper T, Madan S. 2013 British Society Children's Orthopaedic Surgery, Leicester. *Podium Presentation*

A Biomechanical Study Comparing Fixation Methods for Depression Fractures of the Lateral Tibial Plateau. **Blakey CM**, Rennison M, Guy S, Sutton PM. 'Best of the Best' 2012. British Orthopaedic Association. *Podium Presentation*. BASK Annual Meeting, Derby. 13th EFORT Congress, Berlin. *Poster presentation*

Secondary Capsular Laxity of the Hip. **Blakey CM**, Field MH, Singh PJ, Tayar R, Field RE. 2012 London Hip Meeting. *Poster Presentation*.

The Stabilizing Role of the Anterior Capsular Ligaments of the Hip - A Cadaveric Study. **Blakey CM**, Lang CB, Banks S, Field RE. 2010 London Hip Meeting. *Poster Presentation*. International Society for Hip Arthroscopy Inaugural Meeting, NYC. 2009 *Podium Presentation*.

The Medial Rotation Knee: a prospective, multicentre, Orthopaedic Data Evaluation Panel compliant study. RE Field, **CM Blakey**, C Evans, R Spencer-Jones, G Scott, G Railton. 2009. South African Orthopaedic Association, Cape Town.

Cheilectomy of the hip by a mini-anterior approach for femoroacetabular impingement: an old treatment by a novel surgical approach for a 'new' disease. **CM Blakey**, S Khan, K Logan, A Hashemi-Nejad. British Society for Children's Orthopaedic Surgery, Newcastle. 2008. *Podium Presentation*. 18<sup>th</sup> Seddon Society Meeting, Stanmore, Middlesex. *Podium Presentation*.

Ischaemia and the Pink Pulseless Hand complicating supracondylar fractures in children. **CM Blakey**, LC Biant, R Birch. British Society for Children's Orthopaedic Surgery. Taunton, Somerset. 2008. *Podium Presentation*.

Transection of the Common Peroneal Nerve during Harvesting of Tendons for Anterior Cruciate Ligament Reconstruction. **CM Blakey**, LC Biant. 17<sup>th</sup> Seddon Society Meeting, Stanmore, Middlesex. *Podium Presentation*.

## **Web Publications**

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**Blakey CM**, Fernandes JA. Ponseti standards for the British Society of Children's Orthopaedics. Nov 2012. [www.bscos.org.uk](http://www.bscos.org.uk)

**Blakey CM**. Clinical Examination of the Child. British Orthopaedic Association. Wikipaedics. *Project recently discontinued*

## **Book Chapters**

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**Blakey CM**, Fernandes JA, Broadley P. Imaging Modalities to diagnose musculoskeletal infections. In: Mohan V. Belthur, Ashish S. Ranade, Martin J. Herman, James A. Fernandes.

Pediatric Musculoskeletal Infections - Principles & Practice. 1<sup>st</sup> Ed. Mumbai: Springer; In press.

Field RE, **Blakey CM**, Strambi F. Anatomy – Capsule and Synovium. In: McCarthy JC, Villar R, Noble P, editors. **Diagnosis and Surgical Treatment of Hip Disease: A Worldwide Perspective on Approaches and Outcomes**. 1<sup>st</sup> Ed. New York: Springer; 2017.

McLoughlin T, Baxter I, Abdul N. Orthopaedics and Rheumatology On the Move. 1<sup>st</sup> Ed. Florida: CRC Press; 2013.

## **Academic Courses**

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**Presentation Skills** (2009), St. George's, University of London

**Good Clinical Practice** (2013), Northern General Hospital. Sheffield



## **Clinical Courses**

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### **Paediatric / General Orthopaedics**

Global Clubfoot Training Level 2 (2018), Knutsford  
Graf hip Ultrasound Scanning (USS) course (2018), Cardiff  
Sheffield Paediatric Orthopaedics and Trauma (SPOTS) course (2018), Sheffield  
POSI-POSNA Workshop Paediatric Trauma, DDH (2018), Vellore  
APOS/NZ Paediatric Orthopaedics Instructional Course (2017), Queenstown  
Australian Paediatric Orthopaedics Instructional Course (2016), Noosa  
Hip Joint Preservation (2015), Keele University  
BOFAS Principles Foot and Ankle Surgery (2015), Cheltenham  
Paediatric Orthopaedic Cadaveric Course (2015), Bristol  
Basic and Advanced Course in Elastic Stable Intramedullary Nailing (2012), Sheffield  
Basic Ilizarov Method Course (2010), Birmingham

### **Trauma**

AO Paediatric Orthopaedic Trauma (2016), Kuala Lumpur  
Advanced Trauma Life Support (2015), Harrogate  
Instructional Trauma Course (2012), Edinburgh  
South Yorkshire Acumed Upper Limb Fracture Fixation Course (2010), Rotherham  
Stryker Variax Distal Radius and Hand Cadaveric Dissection Course (2010), Germany  
AO/ASIF Principles of Operative Fracture Treatment for Surgeons (2008), Jakarta

### **Basic Science**

Anatomy and Surgical Exposures Course (2015), Oswestry  
Basic Science Course in Orthopaedics (2011), University of Edinburgh



## **Management and Governance Courses**

Leadership Fellowship (2021). British Orthopaedic Association

Clinical Governance and Risk Management (2013). Yorkshire and the Humber Deanery

HELM Leadership and Management Course (2015). Harrogate

## **References**

Mr James Fernandes

Consultant Orthopaedic Surgeon

Sheffield Children's Hospital

Western Bank

Sheffield

S10 2TH

Email: [James.fernandes@sch.nhs.uk](mailto:James.fernandes@sch.nhs.uk)

Mr Mark Flowers

Consultant Orthopaedic Surgeon

Sheffield Children's Hospital

Western Bank

Sheffield

S10 2TH

Email: [Mark.flowers@sch.nhs.uk](mailto:Mark.flowers@sch.nhs.uk)

Mr Michael Johnson

Consultant Orthopaedic Surgeon

Royal Children's Hospital

Flemmington Road

Parkville

Melbourne

3052

Email: [Michael.Johnson@rch.org.au](mailto:Michael.Johnson@rch.org.au)