

COLIN STUART HOLTON

**FRCS (Tr & Orth), MBChB, BSc
(Hons), MSc (Mech Eng)**

**Consultant Trauma & Orthopaedic
Surgeon**

Specialist area of interest adolescent
and young adult hip.
Leeds Teaching Hospitals NHS Trust

PERSONAL DETAILS

Address: 319 Lidgett Lane **Telephone:** 0113 217 6976
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LS17 6PD

Email: colin.holton@nhs.net
Date of Birth: 15/03/1978
Nationality: British
Status: Married
GMC Number: 6049476 (Full Registration 06/08/2003)
MPS No: 266458
BOA No: 18650

EDUCATION AND ACADEMIC RECORD

School George Watson's College, Edinburgh (1983-1996)

Medical School University of Leeds (1996-2002)

Degrees Intercalating BSc Anatomy 2(i) (Hons) (1999)

MBChB (2002)

MSc by Research (Mechanical Engineering) 2012

Diploma MRCS (2005)

FRCS (Trauma & Orth) (2012)

EMPLOYMENT HISTORY

Aug 02- Feb 03	PRHO General Medicine, Leeds General Infirmary
Feb 03- Aug 03	PRHO Orthopaedics and Professorial General Surgery, Leeds General Infirmary
Aug 03 – Present	Leeds Basic Surgical Training Rotation
Dates	Post and Summary of Procedures
Aug 03- Feb 04	A&E , Huddersfield Royal Infirmary (HRI)
Feb 04- Aug 04	Orthopaedics , HRI (Hand, Foot & Ankle Orthopaedics)
Aug 04- Feb 05	General Surgery , Calderdale Royal Infirmary (Vascular & General Surgery)
Feb 05- Aug 05	Adult & Paediatric ENT , Leeds General Infirmary (LGI)
Aug 05-Feb 06	Trauma & Paediatric Orthopaedics , LGI
Feb 06- Aug 06	Neurosurgery , LGI
Sept 06- Aug 07	Senior SHO- Trauma & Orthopaedics, LGI
Aug 07 – Present	Leeds Trauma & Orthopaedic Speciality Training Programme
Dates	Post and Summary of Procedures
Aug 07- Sept 08	ST3/SpR, Huddersfield Royal Infirmary (Mr Wise – Upper Limb & Mr Muralikuttan – Spine)
Sept 08- Aug 09	ST4/SpR, Pinderfields & Pontefract Hospitals (Mr Cohen – Soft tissue Knee & Mr Riley – Paeds)
Aug 09 – Aug 10	ST5/SpR, York Hospital (Mr Budgen – Foot & Ankle & Mr Campbell – Arthroplasty/Spine)

Aug 10 - Feb 11	ST6/SpR, Harrogate District Hospital (Mr Collier – General with interest in Hand & Wrist)
Feb 11- Aug 11	ST6/SpR, Harrogate District Hospital (Mr Conroy - Complex primary & revision arthroplasty with hip arthroscopy)
Aug 11 – Feb 12	ST7/SpR – Leeds General Infirmary (Mr Scott - Paediatric Orthopaedics)
Feb 12 – Aug 12	ST7/SpR – Leeds General Infirmary (Prof Giannoudis – Pelvis & Acetabulum & Complex trauma revision)
Aug 12 – Feb 13	ST8 / SpR – Leeds General Infirmary / Chapel Allerton Hospital (Mr Stone & Mr Emerton – Complex primary & revision arthroplasty)
Feb 13 – Aug 13	ST8 / SpR – Leeds General Infirmary / Chapel Allerton Hospital (Mr Macdonald – Complex Primary & revision arthroplasty, Hip Arthroscopy)
Sept 13 – July 14	Clinical Hip Fellow – Harrogate District Hospital (Mr J Conroy - Complex primary & revision arthroplasty with hip arthroscopy)
August 14 – Nov 14	Young Adult Fellowship – Aarhus University Hospital, Denmark (Prof K Soballe, Mr M Lamm & Mr B Lund - Young adult hip surgery – PAO, Hip Arthroscopy & arthroplasty)
Nov 14 - Current	Consultant Orthopaedic Surgeon – Specialist area of interest adolescent and young adult hip. Leeds Teaching Hospitals NHS Trust, Leeds
	Weekly work commitments include;
	Adult Hip elective clinic and theatre Paediatric elective clinic and theatre Paediatric Trauma clinic and theatre Weekly MDT for Paediatric and Arthroplasty On call for Paediatric Orthopaedics (1 in 6)
2015 - 2019	Clinical Lead for Paediatric Orthopaedic Department, LTHT
2018 - Current	Sector tutor for StR Orthopaedics, LTHT
2015 - Current	Consultant Orthopaedic Surgeon, Spire Leeds
2019 - 2020	Deputy Clinical Director Children’s Hospital, LTHT
2021- Current	Clinical Director - Leeds Children’s Hospital, LTHT

PRIZES AND AWARDS

The Leeds Teaching Hospitals Charitable Foundation's Trustees award of Project Support grant for Mechanical evaluation in a bone grafted acetabular model for reconstruction in total hip replacement: an experimental study. January 2009.

ASLMS travel award to present at the 2006 Annual Meeting of the American Society for Laser Medicine and Surgery, 5th-9th April, Boston, USA.

Welcome Trust Bursary and Thorpe Award for research into "Parental knowledge, attitudes and beliefs about Measles", Kota Kinabalu, Sabah, Malaysia

1st Class mark and presentation award for BSc research project in Brachial artery Doppler flow velocity waveform in normal pregnancy and in pregnancy complicated with hypertension and pre-eclampsia.

PUBLICATIONS

Rebuffa N, Strauther S, **Holton C**, Hackney R. The recurrent motor nerve, a possible cause of denervation following hamstring injury and repair:acadaveric case. Eur J Anat, 24 (4): 281-284 (2020)

Shahid, M., **Holton, C.**, O'Riordan, S., & Kraft, J. K. (2020). Sonography of musculoskeletal infection in children. Ultrasound.
<https://doi.org/10.1177/1742271X20901736>

Chambers, G., **Holton, C.** & Kraft, J.K. Radiological trends in trampoline-related paediatric injuries in a major paediatric trauma centre: a 6-year experience. J Public Health (Berl.) (2019). <https://doi.org/10.1007/s10389-019-01164-3>

Lamb J, **Holton C**, O'Connor P, Giannoudis PV. Avascular necrosis of the hip. BMJ 2019, May 30, 365. L2178.

Holton C, Kelley S. The response of children to trauma. Orthopaedics & Trauma 2015, 29 (6), 337-49.

Holton C, P Bobak, R Wilcox, Z Jin. Mechanical Mechanical evaluation in a bone grafted acetabular model for reconstruction in total hip replacement. Journal of Orthopaedics 2013, Nov 5, 10(4), 177-81.

Holton C, Cohen A. Intra-articular patella dislocation post Patello-femoral replacement. Journal of Medical Case 2013, 4 (5), 284-7.

Holton C, Gudipati S, Budgen A
Mid-term follow-up of talar dome resurfacing surgery using the HemiCAP device for osteochondral lesions: Review of 3 cases.
The Foot and Ankle Journal 2013, 6 (2) 1-8.

May J, **Holton C**, Campbell P
Delayed presentation of compartment syndrome secondary to metallosis granuloma from wear in a total knee replacement (TKR).
Orthopaedic and Trauma Times Journal 2012, May, 10-12.

Holton C, Muralikuttan K
Five-year Follow-up for B-Twin Cage Spinal Fusion
The Spine Journal 2011, **11** (10), S156

Holton C, Foster P, Templeton PA.
Fractures of the femoral neck in children.
Current Orthopaedics 2006 Oct; **20**(5):361-66.

Holton C, Cruickshank HE, High AS, Maclellan K, Makura ZGG.
Paediatric granular cell tumour of the larynx: case report of laser resection with frozen section.
Lasers Surg & Med 2006 April; Suppl 18:48.
The Journal of Laryngology & Otology 2007, **121**, 506–509.

Garneti N, **Holton C**, Shenolikar A.
Bilateral Achilles tendon rupture: A case report.
Accid Emerg Nursing 2005 Oct; **13**(4): 220-3.

Jeys LM & **Holton C**. Yorkshire men straight to the point, or not? Validation of the John Thomas Sign. BMJ response letter 17th November 2004.
www.bmj.com/cgi/eletters/321/7276/1609#85781.

Pitcairn BG, **Holton C**, Simpson NAB, Walker JJ.
Loss of vascular reactivity in pre-eclamptic women: confirmation of sympathetic overdrive.
J Soc Gynecol Investig 2000; **7**(1): 156.

PRESENTATIONS

- Oct 1999 Vascular reactivity in Pre-eclamptic women
Yorkshire Obstetrics & Gynaecology Divisional meeting
St James's University Hospital, Leeds
- July 2001 Abuse to NHS staff
Fieldhead Hospital Trust Directors meeting
Fieldhead Hospital, Wakefield
- Nov 2001 Evaluation of the Bruckner test to screen for squint and amblyopia
British Isles Strabismus Association Conference
Royal College of Physicians, Edinburgh
- Jan 2004 Implications of NICE guidelines on CT head request from A&E
Yorkshire Regional Radiologist meeting
Huddersfield Royal Infirmary, Huddersfield
- Sept 2005 Sino-nasal sarcoidosis with central nervous system involvement

British Association of Otolaryngologists Head and Neck Surgeons
Summer Meeting, Edinburgh, Scotland

- Apr 2006 Paediatric granular cell tumour of the larynx: case report of laser resection with frozen section
American Society for Lasers Medicine & Surgery Meeting, Boston, USA
- Nov 2008 Orthopaedic examination video for Univeristy of Leeds website for online medical students teaching.
- Nov 2009 Minimally invasive tendo-achilles repair
The Ridings Orthopaedic Association Meeting
York Hospital
- Nov 2011 5 year review of B-twin spinal fusion
NASS, Chicago, USA
- July 2012 FRCS preparation for Hip
Yorkshire Orthopaedic Speciality teaching, LGI
- Sept 2012 Mechanical evaluation in a bone grafted acetabular model for reconstruction in total hip replacement.
European Hip Society, Milan, Italy
- Sept 2012 FAI, the role of Hip Arthroscopy
Yorkshire Orthopaedic Speciality teaching, LGI
- June 2013 What is the predictive value of pre-operative inflammatory blood parameters in diagnosis of low grade infection of long bone non-union?
EFORT, Istanbul, Turkey
- May 2014 Amphotericin-B loaded bone cement spacer in combination with IV antifungals was sufficient to induce fungal clearance in a Candida infected revision knee arthroplasty
Nordic Orthopaedic Federation conference, Helsinki, Iceland
- Oct 2014 Silent THR, early 3 year outcome, European Hip Society, Stockholm, Sweden
- Oct 2014 Hip arthroscopy results: comparing pre-existing OA to non-OA Hips, International Society Hip Arthroscopy (ISHA) annual scientific meeting, Rio de Janeiro, Brazil

RESEARCH

Undergraduate **Special Study Modules**

Evaluation of the Bruckner test in screening for squint and amblyopia (Ophthalmology 2000)
Shoulder Instability (Orthopaedics 2000)
Delivery systems in paediatric asthma (Paediatric 2001)

Placenta Previa (Obstetrics & Gynaecology 2001)
Abuse to NHS staff (Psychiatry 2001)
Handwashing (Public Health 2001)

BSc (Hons) A pilot study to investigate the brachial artery Doppler flow velocity waveform in normal pregnancy and in pregnancy complicated with hypertension and pre-eclampsia. (1999)

Postgraduate Audit Projects

Arrest calls in 6 month period on Respiratory wards (Medical PRHO 2003)
DVT prophylaxis in General Surgery (Surgical PRHO 2003)
NICE guideline for CT head scans in A&E (A&E 2004)
Joint Replacement pathway (Orthopaedics 2004)
GP admissions (General Surgery 2004)
Fractured Noses A&E Referrals (ENT 2005)
Dunn's Osteotomy for SUFE (Orthopaedics 2005)
Results of spinal meningioma excision and rate of recurrence (Neurosurgery 2006)
Fractured neck of femur management post reconfiguration orthopaedic service (Huddersfield & Calderdale NHS trust 2008)
Review of B-twin spinal fusion- surgical outcomes (Huddersfield 2008)
Review of surgical complications following hemiarthroplasty (Pinderfields 2009)
Case series of Talar dome – Hemicap resurfacing (York 2010)
Closing the Loop – review of completion of audit (York 2010)
Take 5 – Antimicrobial use on Orthopaedic wards (LGI 2011)
Infection rate in non-laminar flow paediatric theatre (LGI 2012)
Review of intra & inter hospital referrals to tertiary orthopaedic unit (LGI 2012)
Audit of Bluespier operation notes in elective unit – closing loop audit (LGI 2013)
Audit of NJR forms completion in elective unit – closing loop audit (LGI 2013)
Audit of TACCORD – Note keeping – (Harrogate 2013)

MSc by Research Mechanical Engineering Department, University of Leeds
August 2009 - August 2012

Mechanical evaluation in a bone grafted acetabular model for reconstruction in total hip replacement: an experimental study

Local PI BOSS study
 SCIENCE study

Ostrich Trial Collaborator (NIHR RCT trial) York University Trials Unit

Clinical supervisor - PhD applicant for NIHR funded researcher (2020 - current)

POST-GRADUATE EDUCATION

Nov 2004	Basic Surgical Skills, Leeds General Infirmary.
May 2005	CCrISP, Leeds Teaching Hospitals Trust course.
July 2006	AO, Principles of Fracture Management, Leeds
Nov 2006	Core Skills in Orthopaedic Surgery, Sheffield
Feb 2007	External Fixation Course, Leeds
March 2007	Plaster Course, Bradford Royal Infirmary
Dec 2007	ATLS, Leeds Teaching Hospitals Trust course.
Nov 2008	ATLS Instructor Course, Leeds Teaching Hospitals Trust
June 2009	Elastic nailing course, Sheffield Children's Hospital
Nov 2009	Gait analysis course, Sheffield Children's Hospital
Sept 2010	Orthopaedic radiology course, Bradford Royal Infirmary
Oct 2010	Corail registrars training course, Straford-upon-Avon
Nov 2010	Modern techniques in TKA, Harlow
Nov 2010	Fractures of Pelvis & Acetabulum, principles of management, Leeds
Feb 2012	British Hip Society–Instructional course – PAO, NHSBT, Liverpool
Oct 2012	Periprosthetic Fracture Meeting, Wetherby
Nov 2012	New developments in Oxford, Oxford
Feb 2013	Management & Leadership, Yorkshire Deanery
Feb 2013	Training the trainers, Yorkshire Deanery
Nov 2013	Hip Arthroscopy course, Smith & Nephew, York
Dec 2013	Interviewing MMI skills course for prospective medical students, Leeds University
June 2014	Faculty of Medical Leadership and Management - North of England Improvement Conference, Leeds General Infirmary
June 2014	Direct Anterior Approach, Hip Arthroplasty, Stryker, Innsbruck, Austria
July 2014	Young Adult Hip preservation course, Sheffield

Sept 2014 Advances in Hip Surgery, Biomet, Rome
Feb 2015 AO Paediatric Trauma course, Nottingham, UK

TEACHING

Leeds medical school - Joint examination video for Internal website- Leeds University 2008

Cutting edge surgical society - Leeds medical school - Invitational lecture - “A career in Trauma & Orthopaedic” 2015

Coordinator of Medical 5th year Medical MSK attachment at Harrogate District Hospital 2013-14

Regional GP trainees - Half-Day release teaching - Orthopaedics - March 2015

Regional Spr Teaching – lead sessions on Paeds and Hip terms - Trauma and elective

Examiner Yorkshire Orthopaedics FRCS viva exam - Harrogate 2013-ongoing

ATLS courses (12 courses over 6 years, Lecture/Skills teaching/Small group teaching)

Faculty on Yorkshire Hip Arthroscopy courses 2014, Leeds

Faculty on Depuy Practical Hip & Knee course 2014, Leeds

Educational & Clinical supervisor trainer at LTHT 2015 - Current, Leeds

Inaugural Leeds Hip Preservation course 2019, Leeds

POSITIONS OF RESPONSIBILITY

2021 - Present Clinical Director - Leeds Children’s Hospital, LTHT

2019 - 2020 Deputy Clinical Director for Children’s Hospital CSU, LTHT

2020 - Present Faculty on AO Paediatric Trauma courses

2014 - 2019 Clinical lead for Paediatric Orthopaedics, LTHT

2013 – 2014 Lead role in Arthroplasty infection database at Harrogate District Hospital

2012 – 2013 Admin SR at Leeds General Infirmary

2012 – 2013 Junior doctor lead for Audit at Leeds General Infirmary

2009 - 2016	ATLS instructor
2009-10	Admin Registrar at York District Hospital
1998-99	Captain of Leeds Medics & Dentists Rugby Football Club
1996-Present	Assessor of Duke of Edinburgh Award scheme
1995-96	Head of House Captain of school badminton team Captain of Bruntsfield Links Golf Club junior team Scripture Union summer camp group leader

INTERESTS & OTHER SKILLS

Activities	Golf, squash, badminton, running, cycling and hill walking Member of University (BUSA) golf and badminton teams Member of Bruntsfield Links and Gullane Golf Clubs Holder of Duke of Edinburgh Gold award.
Interests	Active Church member, Bagpipe player.
Other skills	Interviewer for prospective medical students at Leeds University. Proficient in all common IT systems & packages including; Word, Excel, PowerPoint and a variety of internal hospital networks, including Microsoft access, PACS systems.

REFEREES

Mr V Veysi
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The Leeds Teaching Hospital
Leeds, LS7 4SA
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Email: vesyi.veysi@nhs.net

Mr M Emerton
Consultant Orthopaedic Surgeon
Leeds General Infirmary
The Leeds Teaching Hospitals NHS Trust
Leeds, LS7 4SA
Telephone: 0113 262 3404
Fax: 0113 392 4892
Email: mark.emerton@nhs.net

Signature

A handwritten signature in black ink, appearing to read 'M. Emerton', written in a cursive style.

Date
01/1/2021