

CURRICULUM VITAE

MR MARK BOWEN DAVIES
BM FRCS FRCS(Orth)

PERSONAL DETAILS

Name: Mark Bowen Davies

Home address: Mill Cottage
Mill Lane
Hathersage
Hope Valley
Derbyshire
Tel: 0044 (0)1433 650127

Work address: Northern General Hospital
Herries Rd
Sheffield
South Yorkshire
United Kingdom

Tel: 0044 (0)114 2714956
Fax: 0044 (0)114 2266796
E-mail: Mark.Davies@sth.nhs.uk

Date of Birth: 10th July 1970, Oxford

Age: 46

Nationality: British

Marital Status: Married, one daughter, two sons

GMC Reg. No: 4023049

Defence Organisation: Medical Defence Union

Education: University of Southampton 1988-93
Queen's College, Taunton 1979-88

Current Position

16 Jan 2006 – present Consultant Orthopaedic and Trauma Surgeon
Specialising in Disorders of the Adult Foot & Ankle

Fellowship Training

1 Jan 2005 -31 Dec 2005: Clinical Fellow in Adult Foot & Ankle Surgery
Dr TS Saxby
Brisbane Private Hospital, Brisbane, Australia

5 Jan 2004 – 30 June 2004: Trauma & Limb Reconstruction Fellow
Mr MG Dennison, Mr RJ Gibson and Mr SL Royston
Northern General Hospital, Sheffield

Higher Surgical Training

1 Mar 1999 - 31 Dec 2004: Specialist Registrar, Trauma and Orthopaedic Surgery
North Trent Region, United Kingdom

Basic Surgical Training

1 Aug 1993 – 28 Feb 1999: Experience in many fields and surgical specialities
including Plastic & Reconstructive surgery,
Neurosurgery, Vascular surgery and Anatomy
Demonstration based in London, Oxford, Swindon,
Southampton and Taunton.

Medical Education

1988-1993: University of Southampton Medical School

1993: Bachelor of Medicine

1998: FRCS (England)

2003: FRCS (Trauma & Orthopaedics)

PUBLICATIONS

Original articles

P Fenton, S Al-Nammari, C Blundell, MB Davies. *The patterns of injury and management of cuboid fractures: a retrospective case series.*

Bone Joint J 2016; 98-B(7): 1003-8.

PI Akimau, KL Cawthron, WM Dakin, C Chadwick, CM Blundell, MB Davies. *Symptomatic treatment or cast immobilisation for avulsion fractures of the base of the fifth metatarsal: A prospective, randomised, single-blinded non-inferiority controlled trial.*

Bone Joint J 2016; 98-B(6): 806-811.

S Haque, R Kakwani, C Chadwick, MB Davies, CM Blundell. *Outcome of minimally invasive distal metatarsal metaphyseal osteotomy (DMMO) for lesser toe metatarsalgia*

Foot & Ankle International 2016; 37(1): 58-63.

KP Robinson, MB Davies. *Talus avulsion fractures: Are they accurately diagnosed?*

Injury 2015; 46(10): 2016-8.

S Haque, MB Davies. *Oral thromboprophylaxis in patients with ankle fractures immobilized in a below the knee cast*

Foot & Ankle Surgery 2015; 21(4): 266-268.

AA Ali, JW Croft, MB Davies, CM Blundell. *Localisation of osteochondral lesions of the talar dome: MRI compared with clinical findings. Can the site of the pain predict the site of the lesion?*

Journal of Trauma & Orthopaedics 2015; 3(1): 46-49.

RJ Gadd, TW Barwick, E Paling, MB Davies, CM Blundell. *Assessment of a three-grade classification of complications in total ankle replacement*

Foot & Ankle International 2014; 35(5): 434-437.

JS Perfitt, MJ Petrie, CM Blundell, MB Davies. *Acute quadriceps tendon rupture: a pragmatic approach to diagnostic imaging.*

European Journal of Orthopaedic Surgery & Traumatology 2014; 24(7): 1237-1241.

M Magra, S Taqvi, R Cooper, CM Blundell, MB Davies. *Absence of the flexor digitorum longus tendon: An MRI study.*

Clinical Anatomy 2012; 25(8): 1062-5.

P Storey, RJ Gadd, C Blundell, MB Davies. *Complications of suture button ankle syndesmosis stabilization with modifications of surgical technique*

Foot & Ankle International 2012; 33(9): 717-722.

A Bhosale, A Munoruth, CM Blundell, MJ Flowers, S Jones, MB Davies. *Complex primary arthrodesis of the first metatarsophalangeal joint after bone loss.*
Foot & Ankle International 2011; 32(10): 968-972.

MR Carmont, AM Highland, JR Rochester, EM Paling, MB Davies. *An anatomical and radiological study of the fascia cruris and paratenon of the Achilles tendon.*
Foot & Ankle Surgery 2011; 17: 186-192.

MB Davies, CM Blundell, CP Marquis, AD McCarthy. *Interpretation of the scarf osteotomy by 10 surgeons.*
Foot & Ankle Surgery 2011; 17: 108-112.

MJ Oddy, MJ Flowers, MB Davies. Flexor digitorum longus exposure for flatfoot reconstruction: A comparison of two methods in a cadaveric model.
Foot & Ankle Surgery 2010; 16: 87-90.

MB Davies, CKK King, D Stanley. Tension band wiring of olecranon fractures.
Shoulder & Elbow 2009; 1: 51-54.

MR Carmont, JE Tomlinson, C Blundell, MB Davies, DJ Moore. Variability of joint communications in the foot and ankle demonstrated by contrast-enhanced diagnostic injections.
Foot & Ankle International 2009; 30(5): 439-442.

AD McCarthy, MB Davies, KR Wembridge, CM Blundell. Three-dimensional analysis of different first metatarsal osteotomies in a hallux valgus model
Foot & Ankle International 2008; 29(6): 606-612.

N Savva, M Jabur, MB Davies, TS Saxby. Osteochondral lesions of the talus: Results of repeat arthroscopic debridement
Foot & Ankle International 2007; 28(6): 669-673.

MB Davies, PF Rosenfeld, P Stavrou, TS Saxby. A comprehensive review of subtalar arthrodesis
Foot & Ankle International 2007; 28(3): 295-297.

MB Davies, TS Saxby. Ankle arthropathy of hemochromatosis: A case series and review of the literature
Foot & Ankle International 2006; 27(11): 902-906.

MB Davies, D Stanley. A clinically applicable fracture classification for distal humeral fractures
Journal of Shoulder and Elbow Surgery 2006; 15(5): 602-608.

MB Davies, S Dalal. Gross anatomy of the interphalangeal joint of the great toe: Implications for excision of plantar capsular accessory ossicles
Clinical Anatomy 2005; 18(4): 239-244.

MB Davies, RP Betts, IR Scott. Optical plantar pressure analysis following internal fixation for displaced intra-articular os calcis fractures
Foot & Ankle International 2003; 24(11): 851-856.

Review articles

HC Montgomery, MB Davies. *Common disorders of the adult foot and ankle*
Surgery 2016; 34: 475-81.

N Duncan, MB Davies, CM Blundell. *Inflammatory arthropathy of the hindfoot*
Orthopaedics and Trauma 2016; 30(1): 51-58.

MB Davies, CM Blundell. *The treatment of iatrogenic hallux varus.*
Foot Ankle Clin 2014; 19(2): 275-284.

MB Davies. *Common disorders of the adult foot and ankle*
Surgery 2013; 31(9): 488-494.

MJ Oddy, MB Davies. Stress fractures of the navicular
Operative Techniques in Sports Medicine 2009; 17(2): 115-118.

MR Carmont, MB Davies. Buttress plate stabilisation of posterior malleolar ankle fractures: a familiar technique through an unfamiliar approach
Current Orthopaedics 2008; 22(5): 359-364.

KZ Hassan, MB Davies. The os trigonum syndrome.
Chirurgia del Piede 2008; 32(3): 119-121.

LM Regan, T Nissanthan, MB Davies. The arthropathy of haemochromatosis and the role of the orthopaedic surgeon.
Current Orthopaedics 2007; 21(5): 380-385.

MB Davies. The os trigonum syndrome.
The Foot 2004; 14(3): 119-123.

MB Davies, TWD Smith. Neuromuscular foot deformities in childhood
Current Orthopaedics 2002; 16: 96-103.

MB Davies, AV Genever, TWD Smith. Foot manifestations of the hereditary sensorimotor neuropathies
The Journal of Foot Surgery (India) 2002; 17(1): 16-20.

Miscellaneous/Case reports/Surgical techniques

AL Watts, N Duncan, MB Davies. *Bipartite medial cuneiform and calcaneo-navicular coalition in a single individual.*

International Journal of Anatomy and Research 2017; 5: 3634-7.

MB Davies. *An anatomical and cadaveric study examining the risk of sural nerve injury in percutaneous Achilles tendon repair using the achillon device.*

Foot & Ankle Surgery 2015; 21: 146. (Letter)

Wright SE, Legg A, Davies MB. *A contemporary approach to the management of a Bosworth injury.*

Injury 2012; 43(2): 252-3.

MB Davies. *Foot and Ankle surgery for arthritis. Arthritis Research UK. Patient information booklet 2011.*

C Chadwick, AM Highland, DE Hughes, MB Davies. *The importance of magnetic resonance imaging in a symptomatic "bipartite" os perineum: case report.*

Journal of Foot & Ankle Surgery 2011; 50(1): 82-86.

MR Carmont, AM Highland, CM Blundell, MB Davies. *Simultaneous bilateral Achilles tendon ruptures associated with statin medication despite regular rock climbing exercise.*

Physical Therapy in Sport 2009; 10(4): 150-152.

C Chadwick, A Wong, MB Davies. *Repair of lacerated tibialis anterior tendon using Achillon limited open repair technique.*

Foot & Ankle International 2009; 30(11): 1117-1119.

M Atinga, AM Highland, MB Davies. *The anatomy of the fascia cruris and implications for the Achillon limited open Achilles tendon repair.*

Foot & Ankle International 2008; 29(8): 814-816.

JL Morgan, C Connolly, M Davies (2008, Jul 23).

Osteochondroma of the Distal Fibula causing Disruption of the Syndesmosis, {Online}.

URL: <http://www.eurorad.org/case.php?id=6849>

SD Kaufman, MB Davies, MJ Bell, JA Fernandes. *Reconstruction of the proximal radius following radial neck non-union in a child.*

Injury Extra 2007; 38: 211-214.

MB Davies, TS Saxby. *Nonabsorbable interference screw fixation for tendon transfers in the foot and ankle*

Foot & Ankle International 2006; 27(12): 1154-1155.

Gupta V, Kapoor S, Clubb S, Davies MB, Blundell C. *Treatment of bilateral open calcaneal fractures with Ilizarov frames.*

Injury 2005; 36(12): 1488-90.

CA Robb, MB Davies. A new technique for fixation of calcaneal tuberosity avulsion fractures

Foot & Ankle Surgery 2003; 9(4): 221-224.

MB Davies, K Abdlsam, RJ Gibson. Interphalangeal sesamoid bones of the great toe: An anatomic variant demanding careful scrutiny of radiographs

Clinical Anatomy 2003; 16(6): 520-521.

KM Abdlsam, MB Davies, JR Cooper, PM Sutton. Isolated posterior cruciate ligament rupture following postero-lateral dislocation of the knee.

Injury 2003; 34: 795-796.

MB Davies, AJC Kuhrt, AM Hakmi, TWD Smith. Recurrent xanthoma of the tendo Achillis

The Foot 2002; 12(3): 166-170.

MB Davies, JED Wright, MSD Edwards. True skier's thumb in childhood

Injury 2002; 33: 186-87.

MB Davies, VV Suresh Babu, IR Scott. Crutches in Cushing's disease

Journal Royal Society of Medicine 2001; 94: 348-349.

MB Davies, C Rajasekhar, MS Bhamra. Irreducible anterior shoulder dislocation: the greater tuberosity Hill-Sachs lesion

Injury 2000; 31: 470-71.

MB Davies. Hyponatraemia after orthopaedic surgery (Letter)

BMJ 1999; www.bmj.com/cgi/eletters/318/7195/1363#EL5

MJ Ashworth, MB Davies, DM Williamson. Irreducible Lisfranc's injury: The "Toe-up" sign

Injury 1997; 28: 321-22.

Journal & Book review articles

MB Davies. Principles and Practice of Podiatric Medicine. Levy and Hetherington
2nd edition.

Foot & Ankle Surgery 2007 13(3): 161.

K Dravijaraj, F Qureshi, MB Davies. Current foot surgery literature
Orthopaedic Product News 2006 (Sept/Oct): 28-29.

Book Chapter

R Dalton, MB Davies, A Jones. *Calf and shin problems*

In: ABC of Common Soft Tissue Disorders pp 72-76. Wiley Blackwell 2016

PRESENTATIONS SINCE APPOINTMENT AS CONSULTANT

AOFAS/IFFAS, Chicago 2014

- A novel technique to assess for ankle syndesmotic injury using computed tomography
F Harrold, MB Davies, CM Blundell
- Open ankle arthrodesis using locking plates
R Kakwani, HG Davies, CM Blundell, MB Davies
- Symptomatic treatment versus cast immobilization of the avulsion fractures of the base of fifth metatarsal in adults: A prospective, randomized, non-inferiority control trial
P Akimau, KL Cawthron, WM Dakin, C Chadwick, CM Blundell, MB Davies

BOFAS Podium presentation, Brighton 2014:

- Outcome of distal metaphyseal metatarsal osteotomy (DMMO) for lesser toe metatarsalgia in a teaching hospital
R Kakwani, S Haque, C Chadwick, MB Davies, CM Blundell

BOFAS Podium presentation, Belfast 2013:

- What are the risks for early failure of total ankle replacement? Is there a valid classification?
RJ Gadd, TW Barwick, E Paling, MB Davies, CM Blundell

BASK & EFORT Poster presentations, 2013

- Acute quadriceps tendon rupture: a pragmatic approach to diagnostic imaging.
J Perfit, M Petrie, C Blundell, M Davies

BOFAS Podium presentation, Windsor 2011:

- The effect of medial displacement calcaneal osteotomy on foot pressures after flatfoot reconstruction surgery
H Davies, C Davenport, M Oddy, M Flowers, S Jones, C Blundell, M Davies

BOFAS Poster presentation, Windsor 2011:

- The use of a proximal humeral locking plate for hindfoot arthrodesis
H Davies, C Marquis, D Price, M Davies, C Blundell

BOA Podium presentations, Dublin 2011:

- Review of clinical and functional outcomes of patients treated for ruptured Achilles tendon using Achillon device
Y Agrawal, H Davies, C Blundell, M Davies

EFORT Podium presentation, Madrid 2010:

- The use of joint injection in the investigation of foot and ankle pathology in the context of anatomical joint communications
JE Tomlinson, MJ Petrie, MB Davies, CM Blundell, DJ Moore, MJ Flowers, S Jones

BOFAS Podium presentations, Windsor 2009:

- Patient satisfaction in foot and ankle surgery - the most useful patient reported outcome measure?
MJ Oddy, S Jones, MJ Flowers, MB Davies, CM Blundell
- Ankle Tightrope syndesmosis fixation: a review of 38 cases
RJ Gadd, PA Storey, MB Davies, CM Blundell
Flexor digitorum longus tendon exposure for flatfoot reconstruction: A comparison of two methods in a cadaveric model
MJ Oddy, MJ Flowers, MB Davies

BOFAS Poster presentations, Windsor 2009:

- Reverse scarf osteotomy for the symptomatic bunionette
H Pelc, MB Davies, MJ Flowers
- An anatomical and radiological study of the fascia cruris and paratenon of the Achilles tendon
MR Carmont, AM Highland, EM Paling, JR Rochester, MB Davies
- The use of joint injection in the investigation of foot and ankle pathology in the context of anatomical joint communications
JE Tomlinson, MJ Petrie, MB Davies, CM Blundell, DJ Moore, MJ Flowers, S Jones

BOFAS Podium presentations, Liverpool 2008:

- The variability of joint communications as shown by contrast enhanced injections around the foot and ankle
J Tomlinson, MR Carmont, CM Blundell, MB Davies
- Localisation of osteochondral lesions of the talar dome
JW Croft, E Paling, M Davies, C M Blundell
- Interpretation of the scarf osteotomy by ten surgeons
MB Davies, AD McCarthy, CM Blundell

Disclosures

Foot & Ankle Product development 2009-present

Developed initially with Normed and since 2014, Zimmer-Biomet

Sheffield Calcaneal Plate

Lateral calcaneal locking plate for fracture management

Tarsal WebFix

Customisable dorsal midfoot locking plate for both management of Chopart and Lisfranc fracture dislocations or elective treatment of midfoot arthrosis

AnkleFix & AnkleFix+

Lateral locking plating system for both ankle fusion and tibio-talo-calcaneal fusion for arthrosis. Further development under way. Audit of results in press in "Techniques in Foot & Ankle Surgery"

Educational contracts with Zimmer-Biomet and Cartiva

PRIZES

- November 2004, British Orthopaedic Foot Surgery Society:

Chen Memorial Prize for Best Paper

- July 2002, 13th North Trent Annual Registrar's Day:

**Runner-up prize for Best Paper
Aesculap Travelling Fellowship**

COURSES UNDERTAKEN

Foot & Ankle

July 2012:	MIS Advanced course
June 2012:	AOFAS Annual Scientific Meeting
September 2011:	4 th Heidelberg Deformity Day
July 2011:	Foot & Ankle Round Table
July 2011:	STAR Advanced Training
April 2011:	Minimally invasive foot surgery (MIS)
March 2010:	STAR ankle replacement instrumentation
June 2009:	9 th Amsterdam Foot & Ankle Course
June 2007:	9 th Instructional Course, EFAS, Athens
November 2006:	Advanced Forefoot Reconstruction
July 2006:	Tibia to the Toes
April 2006:	Arthrex Cadaveric Workshop
February 2004:	AO Injured Foot
November 2003:	BOFSS Instructional Course
November 2001:	BOFSS Instructional Course

Trauma

May 2008:	Depuy Upper extremity trauma
November 2003:	Nottingham Fracture Forum
November 2001:	Flexible intramedullary nailing
June 2001:	Summer University upper limb fracture management course
October 2000:	Essentials of fracture management
June 1999:	Basic AO course
April 1999:	ATLS re-certification
October 1994:	Advanced Trauma Life Support

Limb reconstruction

Sept/Oct 2008	Mini-fellowship Ilizarov Centre, Kurgan, Russia
September 2004:	Baltimore Limb Deformity Course
September 2004:	Taylor Spatial Frame course
May 2004:	BOTA Orthofix course
February 2000:	Basic Orthofix course

Generic curriculum

March 2011:	Medicolegal expert witness course
August 2007	Orthopaedic Planning Core Trainer
May 2007	IT investment Masterclass
March 2007:	Equal Opportunities
October 2004:	Management programme for Specialist Registrars
December 2002:	Training the trainers
September 1997:	Protection of Persons Undergoing Medical Examinations or Treatment (POPUMET)

Teacher & trainer

Assigned Educational Supervisor November 2013 – present
Department of Orthopaedic Surgery Clinical lead for Medical Students 2008 - 2013
Zimmer Faculty Feb 2014 - present
BOFAS Faculty 2012 - present
Leicester F&A Trauma Course Faculty 2013, 2014
Wexham Park F&A Trauma Course 2013
Normed Academy – 2012 (Colombian Foot & Ankle Society)
Biomet Summer University Faculty 2009 - present

Learned societies

British Orthopaedic Foot & Ankle Society – Member since 2003
BOFAS Scientific Committee member 2010-2013

Journals

Foot & Ankle International
Foot & Ankle Surgery
The Foot
Annals of the Royal College of Surgeons of England

Meetings

British Orthopaedic Foot & Ankle Society	November 2006
	November 2008
	November 2009
	November 2010
	November 2011
	November 2012
	November 2013
	November 2014
	November 2015
	November 2016

American Foot & Ankle Society	June 2011
	June 2012

Australian Orthopaedic Foot & Ankle Society	August 2005
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OUTSIDE INTERESTS

- Cooking
- Scuba diving
- Playing the electric and acoustic guitar in Mill Stone Grit: www.millstonegrituk.org
- The Blues
- Travel
- Collecting antique furniture, clocks and maps
- Hiking & Bushwalking