CURRICULUM VITAE

Mr Lindsay Thomas Stewart Walker Muir

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ABBREVIATED MEDICO LEGAL CURRICULUM VITAE

EDUCATION:	Education in Singapore, Switzerland, France and Scotland. University of Glasgow. Hand surgery fellowships in Manchester and in France.
QUALIFICATIONS:	M.B. Ch.B., Glasgow University 1981 F.R.C.S., Glasgow 1987 M.Ch.Orth., Liverpool University 1990 F.R.C.S. (Orth), London 1994
CURRENT POSITION:	Consultant hand surgeon Salford Royal Hospital
SPECIALITY:	Salford Royal is the designated major trauma centre for greater Manchester. My post covers general on call on the weekend rota. My major speciality is in hand surgery. My elective practice is devoted to hand surgery, and I have a busy trauma hand surgery practice.
MEDICO LEGAL EXPERIENCE:	I have prepared around 350 medico legal reports per annum since 1996. The bulk of my work has been for the claimant, but reports for defendants and joint reports have accounted for perhaps 20 % over the past year. In either case I endeavour to write as unbiased a report as possible.
	I have experience in preparing reports on upper limb injuries in severe injury cases.

	Since 2012 I have undertaken medical negligence work, instructed by both claimant and defendant solicitors.
	I have appeared in court as an expert witness.
PUBLICATIONS:	45 publications in peer reviewed journals; four textbook chapter contributions; 31 podium presentations at national and international meetings.
TEACHING:	Trainer for the advanced training post fellows in hand surgery (there are only ten of these in the country). Chairman, BSSH Instructional Courses in Hand Surgery.
EXAMINING:	Latterly examiner for the MB ChB, FRCS, BSSH/ University of Manchester diploma examination. Currently co chairman of the board of examiners for the European Board of Hand Surgery diploma examination.
LANGUAGES SPOKEN:	Fluent English, French and German Conversational Italian
DEFENCE SOCIETY:	MDDUS, Membership M/7/0543.
GMC REGISTRATION:	Full registration since August 1982 Number 2555588
NATIONAL INSURANCE:	Number NE 86 84 46 A
DATE OF ACCREDITATION:	1 July 1995
ICO REGISTRATION:	Registration number: Z817469X

CURRICULUM VITAE

DATE OF BIRTH:	9 September 1958
NATIONALITY:	British
BIRTH PLACE:	Kilmarnock, Scotland
EDUCATION:	 Primary education in Singapore, Switzerland and France. Secondary education in Switzerland, Scotland (Morrison's Academy, Crieff) and Germany (Europa Kolleg, Kassel). SCE Higher grades: 6 'A's and 1 'B' Summer courses in Vienna University and Scuola Linguaviva, Florence.
UNDERGRADUATE MEDICAL EDUCATION:	University of Glasgow; M.B. Ch.B. 1981 Junior elective in gastroenterology - Prof R Lambert, Hopital Edouard Herriot, Lyon, France Senior elective in accident surgery - Prof G Muhr, Medizinische Hochschule Hannover, Hannover, FRG.
UNDERGRADUATE ACHIEVEMENTS:	Dermatology essay prize Clinical physics prize Certificates of merit in surgery in fourth and final years Vice-president of Medico-Chirurgical Society
POSTGRADUATE QUALIFICATIONS:	F.R.C.S. Glasgow May 1987M.Ch.Orth. University of Liverpool, 1990F.R.C.S. (Orth) London, November 1994
LANGUAGES SPOKEN:	Fluent English, French and German Conversational Italian

POSITIONS HELD:

Aug 1981 - Jan 1982	House surgeon to Mr DRK Reid,
(six months)	Glasgow Royal Infirmary and Duke St Hospital
Feb 1982 - July 1982	House physician to Professor AC Kennedy,
(six months)	Glasgow Royal Infirmary
Aug 1982 - July 1983	Senior house officer in orthopaedic surgery,
(12 months)	Glasgow Royal Infirmary
Sept 1983 - Jan 1984	Senior house officer in urology,
(five months)	Glasgow Royal Infirmary
Feb 1984 - July 1984	Registrar in orthopaedic surgery,
(six months)	Glasgow Royal Infirmary
Aug 1984 - Sept 1985	Senior house officer rotation,
(14 months)	Monklands District General Hospital, Airdrie:
Oct 1985 - Sept 1987 (two years)	Liverpool surgical registrar rotation
Oct 1987 - Dec 1987 (three months)	Senior house officer in burns and plastic surgery, Regional Centre for burns and plastic surgery, Whiston Hospital, Prescot
Jan 1988 - Dec 1988	Registrar in orthopaedic surgery,
(12 months)	Arrowe Park Hospital, Upton, Wirral
Jan 1989 - Dec 1989	Senior house officer in paediatric orthopaedics,
(12 months)	Royal Liverpool Children's Hospital.
Jan 1990 - Dec 1990	Registrar in orthopaedic surgery,
(12 months)	Broadgreen Hospital

Curriculum	vitae
Mr Lindsay	Muir

Jan 1991 - Dec 1992 (two years)	Mersey Region orthopaedic registrar rotation: Leighton Hospital, Crewe Walton Hospital, Liverpool Chester Royal Infirmary Warrington General Hospital
Jan 1993 - Jun 1993 (six months)	Hand fellow with Dr G Foucher and Dr F Marin- Braun, S.O.S. Main, Clinique du Parc, Strasbourg, France.
Jul 1993 - Dec 1994 (18 months)	Senior registrar rotation in orthopaedic surgery: trauma firm, Royal Liverpool Hospital Alder Hey Children's Hospital Aintree Hospitals
Jan 1995 - June 1995 (6 months)	Senior registrar in hand surgery Mr JS Watson, Withington Hospital, Manchester Mr JK Stanley, Mr I Trail, Mr J Stilwell, Wrightington Hospital Mr N Fahmy, Stockport Infirmary
Jul 1995 – Jan 1996 (7 months)	Shoulder fellow and senior registrar in hand surgery Jan 1996), Wrightington Hospital
From 19 February 1996	Consultant in trauma and upper limb surgery, Salford Royal Hospital, Salford Honorary senior lecturer in orthopaedics at the University of Manchester (from May 2015).

EXPERIENCE:

In trauma

I have been responsible for the acute management of injured patients in all my orthopaedic posts, and have thus gained experience in the conservative and operative management of common fractures.

I spent six months as trauma S.R. for the Royal Liverpool Hospital. I was the first senior registrar to hold this post, which involved the supervision of the day to day management of all trauma patients in the hospital, with daily trauma meetings, lists and fracture clinics, and the presentation of weekly X-ray conferences. I have thus treated fractures of all long bones, with experience in all forms of fracture fixation, including internal and external fixation devices and intramedullary nailing where appropriate. I also have experience of the management of polytrauma.

I have further spent a total of 18 months in specialist children's hospitals, where I have dealt with the full range of paediatric trauma, including hand trauma.

In my current consultant practice I am responsible for all weekend trauma admissions on a one in thirteen rota. The only exception to this is in the field of spinal injury, where we have excellent support from the spinal surgeons.

Salford Royal is the dedicated major trauma centre for Greater Manchester.

My current trauma practice is significantly biased towards hand and wrist surgery, although I do retain a general on call trauma practice. In upper limb surgery

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Six months spent with Dr Guy Foucher and Dr François Marin-Braun in Strasbourg in 1993. I chose this unit because of its world wide reputation, and its pioneering role. The work of the clinic ranges from the routine to the most complex congenital and microvascular cases.

The unit provides a 24 hour a day, 365 day a year service for hand trauma, forming part of the European wide *S.O.S. Main* organisation, and it accepts patients from a wide area of the surrounding countryside. I assessed the majority of the trauma personally. The unit was equipped to deal with all aspects of this trauma, including replants and skin cover.

For the first six months of 1995 I held the post of senior registrar in hand surgery at Withington Hospital in Manchester. This post is one of the national hand senior registrar positions, and rotates through Withington Hospital in Manchester, Stockport Infirmary and Wrightington Hospital.

From July to December 1995 I held the post of shoulder fellow at Wrightington. Although labelled as a shoulder fellowship, in practice the post allowed me to study all aspects of upper limb work, not only with Mr Trail, but also with Professor Stanley and Mr Stilwell. This post has allowed me to develop my experience in the fields discussed above, in particular in the fields of shoulder and elbow arthroplasty and arthroscopy, of wrist arthroscopy and of rheumatoid hand surgery.

My elective practice is devoted entirely to hand and upper limb surgery. I have a considerable systemic sclerosis practice.

Teaching

Undergraduate teaching: I frequently have students attached to the firm. I also give lectures to the undergraduates on a regular basis

Postgraduate: I participate in the regular postgraduate lectures for the orthopaedic trainees and have organised mock *viva voce* examinations in preparation for the FRCS Orth examinations.

External: I have lectured on the Sports Medicine course run by the University Department and the John Moore's University.

I have been an instructor on the Mattu (minimal access therapy training unit) course on arthroscopic surgery at the Royal College of Surgeons.

I have taught on the Hand Surgery for the FRCS Orth course at Wrightington Hospital, the M.Sc. in rheumatology course (University of Manchester) the Association of Surgeons in training exam course and the Orthoteers course.

I have previously served two terms as the Royal College of Surgeons Tutor at Hope Hospital and as coordinator for the Manchester West BST rotation and was formerly chairman of the Core Surgical Training Committee in the North West Deanery.

I help to train the national interface hand fellows in the Manchester scheme. These posts are open to plastic and orthopaedic surgeons on secondment from anywhere in the country and offer advanced training in hand surgery.

I have been appointed chairman of the organising committee for the British Society for Surgery of the Hand Instructional Courses.

Audit	During my spell as senior registrar in the Royal Liverpool Hospital and at Alder Hey Hospital I was responsible for running the audit meetings, arranging speakers and chairing the meetings.
Medicolegal reporting	I prepared around 350 medico legal reports per annum. The bulk of my work has been for the claimant, but reports for defendants and joint reports have accounted for perhaps 20 % over the past year. In either case I endeavour to write as unbiased a report as possible. I undertake both personal injury and medical negligence work.
	I have appeared in court as an expert witness.
Examining	Examiner for the MRCS in Glasgow since 2000
	Examiner for the European Hand Diploma Budapest 2004, Lausanne 2008, Poznan 2009, Bucharest 2010, Oslo 2011, Antwerp 2012, Antalya 2013, Paris 2014, Brescia 2015, Santander 2016.
	Examiner for the MRCS in Dubai, April 2007
	Examiner for the BSSH/ University of Manchester Diploma in Hand Surgery 2012 - 2014
	Co chairman of the examiners for the diploma of the European Board of Hand Surgery 2016 - present.
Peer review	I regularly review submissions to the <i>Bone and Joint</i> <i>Journal</i> . I have also reviewed submissions to <i>Clinical</i> <i>Orthopaedics and Related Research</i> , to the <i>Journal</i> <i>of the Royal College of Surgeons</i> and to <i>The Surgeon</i> .

COURSES ATTENDED:

A & E Course for junior medical staff, Glasgow Royal Infirmary, August 1981.

Intensive anatomy course, Royal College of Surgeons, January 1985.

Surgery for the final Fellowship, Glasgow Royal Infirmary, April 1987.

British Arthroscopy Symposium, Harrogate, July 1988.

AO basic course, Nottingham, August 1988

BOA instructional course, London, January 1989.

Course on replacement hip surgery, Oswestry, October 1989

George Perkins Symposium - Surgery of the Shoulder, London, November 1989

Liverpool Spinal Course, Liverpool Medical Institution, 1990

Course on the severely injured lower limb, Liverpool Medical Institution, July 1990.

Course for the degree of M.Ch.Orth, University of Liverpool, 1990

Course on the wrist, Harlow Wood Hospital, March 1991

> British Dynamic Locking Nail Symposium, London, June 1991

AO hand course, Derby Royal Infirmary, October 1992

ATLS course, Keele University, December 1992

Instructional course, British Society for Surgery of the Hand, Autumn meeting, London, November 1993

Ethicon microsurgery course Edinburgh, May 1994

The mechanisms and diagnosis of orthopaedic disease, University of Liverpool, August 1994

Basic Sciences for the FRCS (Orth) examination, University of Leicester, October 1994

Day release course in management for senior registrars, University of Liverpool, November 1994

Training the Trainers for MATTU Trainers Wrightington Hospital 27 - 28 October 1995

The Wrist Wrightington Hospital 22 – 23 February 1996

Giving Expert Medical Evidence St Bartholomew's Hospital, London 29 Feb 1996

> Arthroscopic and open Bankart procedures Nottingham 8 – 9 December 1996

Controversies in elbow and shoulder surgery London 21 – 23 April 1997

First Anglo Dutch wrist meeting Wrightington 17 May 1997

Shoulder and elbow arthroplasty Lille 7 – 8 May 1998

Shoulder instability and Impingement PMR Hospital, Edinburgh 23 – 24 September 1998

Update on elbow surgery RCS Glasgow 23 – 24 November 1998

IMLAB Conference: "Doctors in the courtroom, lawyers in the NHS" Manchester 25 March 1999

Exeter Rotator Cuff Course, Exeter 14 – 16 October 1999

B S S H Instructional course, Manchester 31 January - 1 February 2003

BSSH spring meeting Belfast April 2004

FESSH meeting Budapest June 2004

Leicester wrist course June 2005

Amici carpi meeting, Amsterdam June 2005

> Sheffield elbow trauma meeting Sheffield 8-9 September 2005

BSSH Instructional Course Manchester 5-6 June 2009

BSSH Instructional Course Manchester 5-6 February 2010

BSSH Instructional Course Manchester 4-5 June 2010

Whiplash Conference Leeds 19 May 2011

Raynaud's phenomenon Royal Society of Medicine, London 20 May 2011

BSSH Instructional Course Manchester 9-10 June 2011

BSSH Instructional Course Manchester 3-4 February 2012

BSSH Instructional Course Manchester 8-9 June 2012

BSSH Instructional Course Manchester 1-2 February 2013

BSSH Instructional Course Manchester 14-15 June 2013

BSSH Instructional Course Manchester 31 January-1 February 2014

ICOSET 2014, Harrogate, 30 April 2014

PUBLICATIONS:

Muir L. "Unfallchirurgie in der Bundesrepublik", Surgo, May 1980

Muir L. "A guide to house surgeons" *Lederle, 1988*

Muir L, Kanwar S "Ladder Injuries", *Injury 1993; 24: 485 – 487*

Muir L "To travel hopefully..." *The M Ch Orthian Journal* 1994; **4**: 10 – 12

Muir L, Laliotis N, Kutty S, Klenerman L "Absence of the dorsalis pedis artery in the parents of children with club feet" *Journal of Bone and Joint Surgery (British volume)* 1995; **77-B**: 114 – 116

Muir L "Blood transfusion requirements in fractures of the neck of the femur" *Annals of the Royal College of Surgeons of England* 1995; **77:** 453 – 456

Muir L, Boot D, Gorman D, Teanby D "The epidemiology of pelvic fractures in the Mersey region" *Injury 1996;* **27:** *199* – *204*

Muir L, Foucher G, Marin-Braun F "Axe injuries of the hand" *Journal of Trauma 1997; 42: 927 – 932*

Jeyam M, Andrew JG, Muir L, McGovern A "Controlled trial of distal radial fractures treated with a resorbable bone mineral substitute" *Journal of Hand Surgery (British and European Vol)* 2002; **27B:** 146 - 149

Chandramohan M, Thomas NB, Funk L, Muir L "MR appearance of mineralised extra skeletal chondroma: a case report and review of the literature *Clin Radiol 2002;* **57:** 421 - 3

Muir L

"Complications of arthroscopy of the knee" (letter) J Bone Joint Surg (British volume) 2003; **85-B**: 932

Sari-Kouzel H, Chadwick PR, Muir L, Herrick AL, Denning DW *Mycobacterium chelonae* finger infection associated

with Raynaud's phenomenon Annals of Rheumatic Diseases 2004; **63**: 1178-1179

Khan W, Agarwal M, Muir L

"Management of intra-articular fractures of the proximal interphalangeal joint by internal fixation and bone grafting" *Arch Orthop Trauma Surg* 2004; **124**: 699-691

Muir L "Condone or condemn?" J Hand Surg 2005; **30-A**: 867

Rajpura A, Somanchi B, Muir L "Does excessive padding reduce the efficiency of the pneumatic tourniquet?" *J Bone Joint Surg (Br)* 2007; **89-B**: 532-534

Somanchi BV, Webb M, Loncaster J, Allan E, Stanton A, Muir L

"Hand function following high dose rate brachytherapy for squamous cell carcinoma of the skin of the hand"

Clinical Oncology 2008; 20:691-7

> Herrick AL, Roberts C, Tracey A, Silman A, Anderson A, Goodfield M, McHugh N, Muir L, Denton CP

> "Lack of agreement between rheumatologists in defining digital ulceration in systemic sclerosis " *Arthritis Rheum. 2009 Mar;* **60(3)**:878-82.

Robinson PM, Muir LT. Wrong-site surgery in orthopaedics. J Bone Joint Surg Br. 2009 Oct; **91(10)**:1274-80.

Robinson PM, Muir LT. Transfer of a pre-operative surgical site mark to the opposite side increases the risk of wrong site surgery. *Ann R Coll Surg Engl. 2009 Jul;* **91(5)**:444-5.

Yasin MN, Naqui SZ, Muir L Reliability of the objective component of the Constant-Murley shoulder score *Shoulder and Elbow 2010;* **2**: 259-2672

Robinson PR, Muir L Foreign body type giant cell reaction in patients with the Artelon CMC spacer implant: a report of 3 cases. *Journal of Hand Surgery 2011;* **36A**: 116 – 120

Chen X, Graham J, Hutchinson C, Muir L Inferring 3D kinematics of carpal bones from single view fluoroscopic sequences. *Med Image Comput Comput Assist Interv.* 2011;14(Pt 2):680-7.

Jamil W., McMurtrie A., Nesbitt P., Muir LT A three-step technique to correctly identify the trapezium without the need for fluoroscopic imaging *Hand* (*N Y*) 2012; **7** (**4**): 461-463

> Chen X, Graham J, Hutchinson C, Muir L Automatic Inference and Measurement of 3D Carpal Bone Kinematics from Single View Fluoroscopic Sequences *IEEE Transactions on Medical Imaging*

2013; **32(2)**: 317 - 328

Hunter AR, Tansey RJ, Muir LT A radiological sign in chronic collateral ligament injuries of the thumb metacarpophalangeal joint *Hand (N Y) 2013 June;* **8(2)**: 191–194.

Ennis H, Vail A, Wragg E, Taylor A, Moore T, Murray A, Muir L, Griffiths CEM, Herrick A A prospective study of systemic sclerosis related digital ulcers: prevalence, location and functional impact

Scand J Rheumatol 2013;42(6):483-6.

Nesbitt PD, Jamil W, Jesudason EP, Muir L A case of Multiple Bilateral Trigger Digits: Injection or Surgery? *World Journal of Medical and Surgical Case Reports 2013*, **2:9**: 36-39.

Chen X, Graham J, Hutchinson C, Muir L Automatic Generation of Stistical Pose and Shape Models for Articulated Joints Inference and Measurement of 3D Carpal Bone Kinematics from Single View Fluoroscopic Sequences *IEEE Transactions on Medical Imaging* 2014; **33**(2): 372 – 383

Zhou A, Muir L, Harris, J, Herrick A The impact of magnetic resonance imaging in early diagnosis of hand osteomyelitis in patients with systemic sclerosis *Clinical and Experimental Rheumatology 2014; BSuppl 86 (6): 232*

Akhavani M, McMurtrie A, Webb M, Muir L A Review of the Classification of Dupuytren's disease Journal of Hand Surgery (European Volume) 2015; 40 (2): 155-165

Warwick D, Worsley P, Graham D, Rodrigues JN, Zhang W, Scammell BE, Davis TRC, Akhavani M, Muir L.

Re: Akhavani MA, McMurtrie A, Webb M, Muir L. A review of the classification of Dupuytren's Disease. J Hand Surg Eur. 2015, 40: 155–65 and Rodrigues JN, Zhang W, Scammell BE, Davis TRC. What patients want from the treatment of Dupuytren's Disease – is the Unité Rhumatologique des Affections de la Main (URAM) scale relevant? J Hand Surg Eur. 2015, 40: 150–4 / Reply / Reply Journal of Hand Surgery (European Volume), June 2015; vol. 40, 5: pp. 544-545.

Wright AC, Muir L

A review of published radiographic indicators of carpometacarpal dislocation including their application to volar dislocations through a case study.

Journal of Emergency Medicine 2015; **49(3)**: e69e71

Pinder RM, Brkljac M, Rix L, Muir L, Brewster M Treatment of scaphoid nonunion. A systematic review of the existing evidence.

Journal of Hand Surgery (Am) 2015; **40(9)**: 1797 - 1805

Sinclair VF, Karantana A; Muir L Reverse hemi hamate arthroplasty for volar fracture dislocation of the PIP joint of the finger *Journal of Hand Surgery (European volume)* 2017: **42(2)**: 199-200 *doi:* 10.1177/1753193415617936

> Sharp C, Akram Q, Hughes M, Herrick A, Muir L Differential diagnosis of critical digital ischemia in systemic sclerosis: Report of five cases and review of the literature.

Semin Arthritis Rheum. 2016; 46(2): 209-216

Rymaruk S, Murphy R, Muir L Letter re Lees DA, Penny JB, Baker P A single blind randomised controlled trial of the impact on patient-reported pain of arm elevation versus exsanguination prior to tourniquet inflation *Bone Joint J* 2016;98-B:519–25

Akram Q, Hughes M, Herrick AL, Muir L A rare case of coexistent digital gouty and infective flexor tenosynovitis Akram Q, Hughes M, Muir L. BMJ Case Rep Published online: 29 June 2016 doi:10.1136/bcr-2015-213601

Murray AK, Moore TL, Wragg E, Ennis H, Vail A, Dinsdale G, Muir L, Griffiths CEM, Herrick AL Pilot study assessing pathophysiology and healing of digital ulcers in patients with systemic sclerosis using laser Doppler imaging and thermography. *Clinical and Experimental Rheumatology* 2016; 34 Suppl 100 (5): 100-105

Deans V, Naqui SZ, Muir L Scaphotrapeziotrapezoidal joint osteoarthritis: A systematic review of surgical treatment. Journal of Hand Surgery Asian-Pacific Volume 2017; 22(1): 1-9

Naqui SZ, Khor WS, Mishra A, Lees VCL, Muir L The Management of Chronic Non-Arthritic Scapholunate Dissociation: A Systematic Review *Journal of Hand Surgery: European Volume Epub before print:* <u>http://journals.sagepub.com/doi/10.1177/175319341</u> 7734990

> Muir L, Richter M, Verstreken F Eligibility and structures of the European Board of Hand Surgery Diploma exam Journal of Hand Surgery (European volume) 2018; 43(1): 104-106

BOOK CHAPTERS

Herrick AL, Muir L Raynaud's phenomenon. In: Rutherford's Vascular Surgery (8th Edition). Eds Cronenwett J, Johnston KW Elsevier, Philadelphia 2014

Muir L Surgical aspects of treatment In: Raynaud's Phenomenon – A Guide to Pathogenesis and Treatment Eds Wigley F, Herrick A, Flavahan N Springer Verlag, New York 2015

Hughes M, Herrick A, Muir L Critical Ischaemia in Patients with Raynaud's Phenomenon In: Critical Limb Ischaemia Eds Dieter S, Dieter RA Jr, Dieter RA III, Nanjundappa A Springer Verlag, Switzerland 2016

Brewster M, Pinder R, Muir L Scaphoid non union In Scaphoid fractures – the evidence Chapter Editor: Warwick D FESSH Instructional Course Book 2017

Mr Lin	dsay Muir
FURTHER PUBLICATIONS	Questions for the EBHS diploma examination in hand surgery. All published in the <i>Journal of Hand Surgery (European Volume)</i> as follows:
	2016; 41E(8): 892
	2016; 41E(9): 1009
	2017; 42E(1): 109
	2017; 42E(2): 219
	2017; 42E(3): 325
	2017; 42E(5): 542
	2017; 42E(6): 655
	2017; 42E(7): 763
	2017; 42E(8): 874
	2018; 43E(1): 111
WEBSITES	Herrick AL, Muir L
	Raynaud's disease (secondary)
	BMJ Clinical Evidence 2014; 10
	Link to website accessed on 22 October 2014
	(http://clinicalevidence.bmj.com/x/systematic-
	review/1125/overview.html)
	Herrick AL, Muir L
	A gap in the evidence – what is the role of surgery in
	the patient with severe (secondary) Raynaud's
	phenomenon?
	Link to website accessed 21 May 2015
	http://blogs.bmj.com/bmj/2015/05/21/a-gap-in-the-
	evidence-what-is-the-role-of-surgery-in-the-patient-
	with-severe-secondary-raynauds-phenomenon//

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PRESENTATIONS:

"Blood transfusion requirements in fractures of the femoral neck"

Presented at the registrars' prize meeting, Liverpool Medical Institution, January 1992

Also judged best presentation at the orthopaedic junior staff short paper meeting, University of Liverpool, September 1991

"The epidemiology of pelvic fractures in the Mersey region" British Trauma Society, Oxford, October 1993

"Axe injuries of the hand" British Society for Surgery of the Hand, Autumn meeting, London, November 1993

"Tendon injuries" Lecture to the sports medicine course, University of Liverpool and John Moore's University October 1994

Controlled trial of distal radial fractures treated with a resorbable bone mineral substitute British Society for Surgery of the Hand, Autumn meeting, Blackpool 27 – 29 October 1999

Elevation and bone grafting of intra-articular fractures of the base of the middle phalanx British Society for Surgery of the Hand, Autumn meeting, Blackpool 27 – 29 October 1999

Towards a classification for Dupuytren's disease BSSH spring meeting Belfast April 2004 IFSSH Budapest June 2004

Brachytherapy for carcinoma of the hand American Society for Surgery of the Hand, Washington 7-9 September 2006

> Yasin MN, Naqui SZ, Muir L Reliability of the objective component of the Constant-Murley shoulder score Winner, North West Orthopaedic Association, November 2008

Robinson P, Muir L

Adverse early results of the Artelon Degradable Spacer Implant for trapezio metacarpal joint arthritis. British and Indian Societies for Surgery of the Hand, Combined Scientific Meeting Bangalore 29 November 2008

Hunter AR, Tansey RJ, Muir L

A novel radiological sign in diagnosis of chronic injuries of the collateral ligament of the metacarpophalangeal joint of the thumb British and Italian Societies for Surgery of the Hand Combined Scientific Meeting Savona 1 October 2010

Parmar V, Bhatti W, Hutchinson C, Muir L, Mcgrouther D, Bayat A.

Staging of Dupuytren's Disease: Novel Use of 3T MR Scanning Validated with Immunohistochemistry Measures Disease Extent and Activity.

American Journal of Roentgenology. 2010 May;194(5).

Jesudason EP, Nandhara G, McMurtrie A, Naseem H, Muir L

Ascension pyrolytic carbon PIP arthroplasty: medium term results of a single surgeon series BSSH Spring Scientific meeting Salford 1 April 2011

Chen X, Graham J, Hutchinson C, Muir L "Inferring 3D kinematics of carpal bones from single view fluoroscopic sequences" Conference on Medical Image Computing and Computer Assisted Intervention Toronto 18 – 22 September 2011

> Bell S, Sinclair V, Harris J, Muir L "Is the Presence of a Fat Pad Sign in Elbow Radiography a Reliable or Reproducible Observation?" North West Orthopaedic Association 22 November 2013

Deans V, Naqui, Z, Muir L STT arthritis BSSH Spring meeting, Bath 1 May 2015

Khor WS, Naqui SZ, Mishra A, Lees VC, Muir L The management of chronic non arthritic scapho lunate dissociation: a systematic review BSSH Spring meeting Bath 28 April 2017

Naqui SZ, Khor WS, Mishra A, Lees VC, Muir L The management of chronic non arthritic scapho lunate dissociation: a systematic review FESSH Budapest Instructional Course 22 June 2017

POSTER PRESENTATIONS Webb M, Stanley JK, Muir L Do British hand surgeons score their Dupuytren's cases? BSSH spring meeting Belfast April 2004 **IFSSH** Budapest June 2004 Khan W, Agarwal M, Muir L Elevation and bone grafting of intra-articular fractures of the base of the middle phalanx BOA 2004 Gupta A, Funk L, Muir L Reproducibility in radiological diagnosis in patients with subacromial impingement of the shoulder SECEC Rome 2005 Yasin MN, Naqui SZ, Muir L Reliability of the objective component of the Constant-Murley shoulder score Runner up for best poster prize British Elbow and Shoulder Society Telford 13-15 June 2007 The effect of brachytherapy on hand function Eurohand 2008, Lausanne Abstract: J Hand Surg 2008; 33E suppl 1: 178 Sharp C, Akram Q, Hughes, M, Muir L, Herrick AL Critical digital ischaemia in systemic sclerosis: the importance of remembering there is a differential diagnosis Fourth systemic sclerosis world congress Lisbon 18-20 February 2016

Ennis H, Murray A, Herrick A, Vail A, Wragg E, Muir L, Griffiths C, Moore T "Digital Ulcers in Patients with Systemic Sclerosis: Prevalence, Location, Nailfold Capillaroscopy and Functional Impact" American College of Rheumatology, Chicago, 7 November 2011

Muir L, Calcagni M The EBHS Hand Diploma Examination ICOSET 2014, Harrogate, 29 – 30 April 2014 http://www.epostersonline.com/asgbi2014/?q=node/ 3318 Accessed 22 June 2014.

McDonough A, Naqui Z, Muir L, Lyle V Audit of a Dedicated Clinic for Patients with a Suspected Scaphoid Fracture BSSH Autumn Sceintific Meeting Edinburgh 9-10 November 2017 Awarded best poster prize.

INVITED LECTURES

Metacarpal fractures BSSH Instructional Course Manchester 5 June 2009

Biomechanics of plating of the radius BSSH Instructional Course, Manchester 5 June 2010; 14 June 2013

PIP joints – arthroplasty or hemiarthroplasty? Italian Hand Society Savona, 1 October 2010

Surgical Management of Raynaud's phenomenon Royal Society of Medicine, London 20 May 2011

Carpal tunnel syndrome – treatment and results BSSH Instructional Course, Manchester 10 June 2011

> The tourniquet - designs and hazards BSSH Instructional Course Manchester 3-4 February 2012

Introduction to the EBHS hand diploma exam FESSH 2013 Antalya 30 May 2013

Clinical assessment in Dupuytren's disease BSSH Instructional Course, Manchester 1 February 2014

The anatomical basis and surgical management of acute infections in the hand BSSH Instructional Course, Manchester 1 February 2014

What's new in hand surgery British Society of Rheumatology Manchester April 29 2015 *Rheumatology* 2015; 54 Issue suppl_1: i14

How I do it: trapezectomy BSSH Bath 1 May 2015

Surgical management of systemic sclerosis BSSH Instructional Course Manchester 4 February 2017

Surgical management of infection in the hand BSSH Instructional Course Manchester 4 February 2017

PIP joint arthroplasty Joint meeting of the DGH (German Hand Society) and the BSSH Munich 13 October 2017

HOBBIES:	Classical music, piano, skiing
MEMBERSHIP OF SOCIETIES:	British Medical Association British Society for Surgery of the Hand North West Surgical Hand Society Salford and South Hand Surgery
DEFENCE SOCIETY:	Medical and Dental Defence Union of Scotland, Membership reference M/7/0543.
GMC REGISTRATION:	Full registration since August 1982 Number 2555588
NATIONAL INSURANCE:	Number NE 86 84 46 A
DATE OF ACCREDITATION:	1 July 1995
ICO REGISTRATION:	Registration number: Z817469X