

Curriculum Vitae of Andrew Roberts DM FRCS

Name Andrew Patrick ROBERTS

Address Orthotic Research & Locomotor Assessment Unit
Robert Jones & Agnes Hunt Orthopaedic Hospital
Oswestry
Shropshire SY10 7AG

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E-Mail andrew.roberts@rjah.nhs.uk

Born 1956

Nationality British

Qualifications M.B.Ch.B.(Birm), 1980
Primary F.R.C.S. London 1982
F.R.C.S. Edinburgh 1985
F.R.C.S. England 1985
D.M. Nottingham 1991

Registration Full GMC Registration
26th July 1981 number 2629711

Medical Insurance Medical Defence Union

Membership of Organisations British Orthopaedic Association
British Medical Association
Skeletal Dysplasia Group
European Society for Movement Analysis in Children (ESMAC)
British Society for Cerebral Palsy Surgery (Cerebral Palsy Club)
British Society for Children's Orthopaedic Surgery

Current Post Consultant Orthopaedic Surgeon,
Robert Jones & Agnes Hunt Orthopaedic and District Hospital NHS Trust,

Oswestry,
Shropshire
SY10 7AG.

Other Appointments Director of Clinical Information and Information Technology, Robert Jones & Agnes Hunt Orthopaedic Hospital.

Formerly Steering Group Member, Comparative Audit Service, Royal College of Surgeons of England.

Editor for Trauma & Orthopaedics Within the musculoskeletal Virtual Branch Library. National Electronic Library for Health NHS England & Wales 2003 onwards.

Formerly Medical Director RJAH 2003 – 2005

Medical Director – Orthotic Research & Locomotor Assessment Unit, RJAH

Accreditation October 1992

Time Table:

Monday	Tuesday	Wednesday	Thursday	Friday
WEEK 1				
Cheshire Special Schools Children's clinic	RHS Children's Clinic	Children's Operating	IM&T and Medical Director	Oswestry Children's Clinic + 1 Junior
Cheshire Special Schools Children's clinic	Ward Round	Children's Operating	ORLAU Reporting	Welsh Teaching weekend
WEEK 2				
0900-0930 Gait assessment 0930-1300 Ward Round	RHS Children's Clinic	Children's Operating	IM&T and Medical Director	Leighton Hospital Children's Clinic - Crewe
Princess Royal Telford Children's clinic + 1 Junior	Ward Round	Children's Operating	ORLAU Reporting	Oswestry Children's clinic
WEEK 3				
0900-0930 Gait assessment 0930-1300 Ward Round	RHS Children's Clinic	Children's Operating	IM&T and Medical Director	Neuromuscular Clinic
Medical Director	Ward Round	Children's Operating	ORLAU Reporting	Adult Oswestry follow up clinic
WEEK 4				
0900-0930 Gait assessment 0930-1300 Ward Round	RHS Children's Clinic	Children's Operating	IM&T and Medical Director	Oswestry Children's Clinic +1 Junior
Princess Royal Telford		Children's Operating	ORLAU Reporting	Crewe Teaching weekend

On Call Commitments On call for Trauma rota 1:4 weeks
On call for Paediatric Trauma rota 1:1 Weeks

Pre Fellowship Appointments

House Surgeon

Mr M.D. Middleton F.R.C.S. and Mr N.St.J.Dwyer F.R.C.S.
East Birmingham Hospital, Birmingham.
August 1980 - January 1981

House Physician

Dr.T.Constable M.R.C.P.
The Manor Hospital, Walsall
February 1981 - July 1981

Senior House Officer Accident and Orthopaedic surgery

University Hospital, Nottingham and Harlow Wood Orthopaedic Hospital.
August 1981- July 1982

Rotating Surgical Senior House Officer in:

Paediatric Surgery

Miss L.Kapila F.R.C.S.
University Hospital, Nottingham.
August 1982 - January 1983

General Surgery

Mr C.B. Williams F.R.C.S.
City Hospital, Nottingham.
February 1983 - July 1983

Rotating Surgical Registrar in:

Orthopaedic and Traumatic Surgery

Mr M.H.M.Harrison F.R.C.S. and Mr P.J. Mulligan F.R.C.S.
General Hospital, Birmingham.
September 1983 - February 1984

General and Colorectal Surgery

Mr J.Alexander-Williams F.R.C.S. and Professor M.R.B.Keighly F.R.C.S.
General Hospital, Birmingham.
March 1984 - August 1984

General Surgery

Mr N.E.Winstone F.R.C.S.
Selly Oak Hospital, Birmingham
September 1984 - February 1985

Urological Surgery

Mr J.O'Brien F.R.C.S.
East Birmingham hospital, Birmingham.
March 1985 - August 1985

Post Fellowship Appointments

Rotating Orthopaedic Surgical Registrar - The West of Scotland Rotation

Mr S.McCreath F.R.C.S.
Southern General Hospital, Glasgow.
September 1985 - November 1985

Mr J.Graham F.R.C.S.
Western Infirmary, Glasgow.
October 1985 - March 1986

Mr A.N.Conner and Mr M.G.H.Smith F.R.C.S.
The Royal Hospital for Sick Children, Glasgow.
April 1986 - September 1986

Mr G.Waddell F.R.C.S.
Western Infirmary, Glasgow.
October 1986 - March 1987

Mr S.McCreath F.R.C.S. and Mr.J.Bingham F.R.C.S.
Southern General Hospital, Glasgow.
April 1987- September 1987

Mr J.Loudon F.R.C.S.
Victoria Infirmary, Glasgow.
October 1987 - February 1988

Spinal Research Fellowship

Mr R.C.Mulholland F.R.C.S. and J.K.Webb F.R.C.S.
Harlow Wood Orthopædic Hospital, Nottinghamshire.
March 1988 - November 1989

Higher Professional Training Appointments

Rotating Senior Orthopædic Registrar

University Hospital Nottingham and Harlow Wood Orthopædic Hospital.

Mr J.K.Webb F.R.C.S.
University Hospital, Nottingham.
December 1989- May 1990

Mr C.J.Howell F.R.C.S. and Mr E.P.Szyprt F.R.C.S.
University Hospital, Nottingham.
June 1990 - November 1990

Administrative Senior Orthopædic Registrar.
University Hospital, Nottingham.
December 1990 - May 1990

Mr G.C.W.Baker F.R.C.S. & Mr I.W.Forster F.R.C.S.
Harlow Wood Orthopædic Hospital.
June 1991 - November 1991

Mr N.J.Barton F.R.C.S. & Mr E.H.Compton F.R.C.S.
Harlow Wood Orthopædic Hospital.
December 1991 - May 1992

Locum Senior Registrar to Mr D.Jaffray F.R.C.S.
Robert Jones & Agnes Hunt Orthopædic Hospital, Oswestry, Shropshire.
June 1992

Paediatric Fellow to Mr G. Evans F.R.C.S. and Mr J Patrick F.R.C.S.
Robert Jones & Agnes Hunt Orthopædic Hospital, Oswestry, Shropshire.
July 1992 -December 1992

Administrative Senior Orthopædic Registrar.
University Hospital, Nottingham.
January 1993 - May 1993

Mr H.J.McKim Thomas F.R.C.S.
University Hospital and The City Hospital, Nottingham.
June 1993 - August 1993

Locum Consultant Orthopædic Surgeon,
The Children's Unit,
Robert Jones & Agnes Hunt Orthopædic Hospital,
Oswestry, Shropshire.
September 1993 - April 1994

Current Post

Consultant Orthopædic Surgeon,
The Children's Unit,
Robert Jones & Agnes Hunt Orthopædic Hospital,
Oswestry, Shropshire.
April 1994 – Date

Clinical Director of Information and Information Technology,
Robert Jones & Agnes Hunt Orthopædic Hospital,
Oswestry, Shropshire.
September 2001 – Date

Publications.

Roberts,AP,Hughes,AW. Complications with antibiotics used prophylactically in joint replacement surgery. *International Orthopaedics* (1985) 8:299-302.

Shepherd,A, **Roberts,AP**, Ambrose,NS. Ceftriaxone with metronidazole as single dose prophylaxis in colorectal surgery. *Coloproctology* (1986) 86;90-94

Silverman, SH, Ambrose, NS, Young,D, **Roberts, A P**, Keighly, MRB. The effect of peritoneal lavage with tetracycline solution in post operative infection. *Diseases of Colon and Rectum* (1986)29;165-169.

Roberts,AP,Conner,AN. Referrals to a children's orthopaedic clinic. *Health Bulletin* (1987) 45; 174-178.

Roberts,AP,Conner,AN,Connor,JM,Tolmie,J.
Spondylocostal and spondylothoracic dysostosis: Hereditary forms of spinal deformity. *Journal of Bone and Joint Surgery* (1988)70-B;123-126

Roberts,AP,Conner,AN. Orthopaedic aspects of Rett's syndrome. *Journal of Bone and Joint Surgery* (1988)70-B;674

Roberts,AP,Allan,DB. Digital nerve injuries in orthopaedic surgeons. *Injury* (1988)19;233-234.

Kilby,J Stigant,M **Roberts,AP** The reliability of back pain assessment by physiotherapists using a 'McKenzie algorithm'. *Physiotherapy* (1990)76(9);579-583.

Roberts,AP The conservative treatment of low back pain. DM Thesis, Nottingham 1991.

Richardson,JB **Roberts,AP** Robinson,JF John,PJ Sweeny,G Timing of antibiotic administration in knee replacement under tourniquet. *Journal of Bone and Joint Surgery (British)* 1993 Jan;75(1):32-5.

Roberts, AP Evans GA Neuromuscular conditions in children. *Current Opinion in Orthopaedics* 1993.

Roberts, AP Special considerations in childrens fractures. In *The upper Limb in Childhood*, Mosby 2000.

Ashton,BA **Roberts, AP** Growth of the upper limb. In The upper Limb in Childhood, Mosby 2000.

Roberts, AP Jones R, The Surgical management of Cerebral Palsy Orthopaedics for Physiotherapists. Mosby 1999

Roberts, AP The standard generalized markup language for electronic patient records. Health Informatics Journal. 1998 Jun;4(2):92-97.

Wade RH, New AM, Tselentakis G, Kuiper JH, **Roberts A**, Richardson JB. Malunion in the lower limb. A nomogram to predict the effects of osteotomy. J Bone Joint Surg Br. 1999 Mar;81(2):312-6.

Patrick JH, **Roberts AP**, Cole GF. Therapeutic choices in the locomotor management of the child with cerebral palsy--more luck than judgement? Arch Dis Child. 2001 Oct;85(4):275-9.

Roberts AP, Stewart C, Cole G, Farmer S, Patrick J. Energy consumption in spasticity. Dev Med Child Neurol. 2002 Apr;44(4):284.

Williams P, Stewart C, Dawson T, **Roberts AP**. A comparison of the biomechanical effects of opening and closing wedge varus osteotomies in Perthes' disease. J Pediatr Orthop B. 2002 Jul;11(3):229-35..

Quinlivan RM, Muller CR, Davis M, Laing NG, Evans GA, Dwyer J, Dove J, **Roberts AP**, Sewry CA. Central core disease: clinical, pathological, and genetic features. Arch Dis Child. 2003 Dec;88(12):1051-5.

Stewart C, Jonkers I, **Roberts A**. Estimation of hamstring length at initial contact based on kinematic gait data. Gait Posture. 2004 Aug;20(1):61-6.

Farmer SE, Woollam PJ, Patrick J, **Roberts A**, Bromwich W. Dynamic orthoses in the management of joint contracture. J Bone Joint Surg. 2005 Mar;87(3):291-295

Roberts AP, Patrick JH, Jaffray DC, Stewart C, Cole G. A selective programme of dorsal rhizotomy for diplegia. J Bone Joint Surg. 2005 Mar;87(Suppl 1):69

Papers Presented

Rheumatology in a district general hospital. Midlands Rheumatological Society Meeting. June 1981

Scoliosis in Rett's syndrome. Fourth international Rett's symposium, Glasgow May 1985

Spondylocostal and spondylothoracic dysostosis: Inherited forms of congenital scoliosis. British Scoliosis Society XIIth Annual Meeting, Leeds March 1987.

Digital nerve injuries in consultants. Scottish Orthopaedic Club Inverness. June 1987.

Assessing Physiotherapy assessments - A McKenzie algorithm Society for Back Pain Research. London, October 1988.

Pain responsibility and pain control. - 1st International McKenzie convention Los Angeles, June 1989.

The treatment of low back pain by means of McKenzie physiotherapy. 1st International McKenzie Convention Los Angeles June 1989.

The prediction of disability in acute low back pain. British Pain Society Annual Meeting. Barbican Centre, London, April 1991.

The Nottingham acute low back pain study. 2nd International McKenzie conference Dallas Texas August 1991. - Winner of OPTP physiotherapy research prize 1991.

The conservative treatment of low back pain. Winning presentation Nottingham - Derby - Leicester Meeting November 1991.

Back Pain - Appropriate or not?. British Pain Society Annual Medicolegal Meeting. Birmingham April 1993.

SGML for electronic Healthcare records. SGML Europe, Barcelona 1997

An SGML solution for patient records Toward an Electronic Health Record Europe 97. London 19-22 October 1997.

The development of epiphyseal shape in Perthes' disease. British Society for Children's Orthopaedic Surgery Summer meeting 1997.

Torsional accountancy for transverse plane deformity. ESMAC conference Basel 1997.

Standard Generalized Markup Language for electronic patient records. HC98 Harrogate March 23rd - 25th 1998.

Document content markup with SGML. Clinical chemistry on the superhighway conference. Association of Clinical Biochemists 1998 Annual conference. Glasgow 9-10th May 1998.

Knee function measures after selective dorsal rhizotomy. British Cerebral palsy Club meeting. Heidelberg 16th – 17th September 1998.

Kinematic measures of knee function after selective dorsal rhizotomy. European Society for Movement analysis in Adults and Children, Belfast 24th September 1998.

A Healthy Markup: Extensible markup language (XML) in EPR. EHI '98 Manchester, 15th October 1998.

SGML/XML The story so far. Towards an Electronic Health Record '98. London, 17th November 1998.

Beyond HTML. Healthcare 99 Harrogate International Conference Centre, 22nd March 1999.

Orthotic management in cerebral palsy Keynote speech, British Association of Prosthetists and Orthotists 5th Annual Conference, Harrogate International conference Centre 27th March 1999.

Deformation of the ossific nucleus as an outcome measure in Perthes' disease. **Roberts A**, Evans G. European Paediatric Orthopaedic Society 18th Annual Meeting. Gothenburg 18th April 1999.

A Healthy Revolution. XML Europe 99, Granada, Spain, 30th April 1999.

Analysing XML Health Records. XML Europe 2000, Paris, France April 2000.
<http://www.infoloom.com/gcaconfs/WEB/granada99/roba.htm>

European Society for Movement Analysis Course on Movement Analysis. Instructor. Milan, Italy 9th – 11th October 2001.

International Society for Orthotics and Prosthetics Annual Conference. Glasgow 2nd – 4th July 2001 Instructional talks given on Contracture Correction Devices and Gait analysis for Cerebral Palsy.

Nottingham Children's Orthopaedic Revision Course Nottingham. 18th and 19th September 2001. Instructional talks on the aetiology of Perthes' disease and the management of the walking child with cerebral palsy.

Oswestry International Cerebral Palsy Conference "Which Treatment, Which Child?" Oswestry. 28th – 30th November 2001 Instructional talks given on multilevel surgery and The management of the adult with cerebral palsy.

Delivering Patient Centred Care: the benefits to patients and the NHS in using IT in the clinical setting. Presentation at NHS Information Authority Conference. London, 6th December 2001.

Courses Attended

Nottingham Basic A.O. Course Autumn 1986

British Orthopaedic Association Instructional Course 1986/1987.

Nottingham Spinal Surgery Course. Spring 1987.

Centre for Hip Surgery, Wigan Visit Summer 1987.

British Orthopaedic Association Instructional course 1989/1990

Radiation Protection Course. University of Nottingham March 1990

Advanced Trauma Life Support Course Victoria infirmary, Glasgow November 1990. Certified in ATLS with an invitation to attend the ATLS instructor's course.

CAMARC II Meeting, Einthoven Netherlands July 1991.

Management course. Lodge Moore Hospital, September 1991.

Visit to the Central Remedial Clinic, Dublin in connection with their use of CODA III for the assessment of children with Cerebral palsy.

Skeletal Dysplasia Instructional Course. London. October 1992.

Management Course. Lodge Moore Hospital, May 1993.

International Conference on the Growth Plate. Madrid. October 1993

Paediatric Advanced Life Support course. Birmingham Children's Hospital. May 1999.

Teaching Teachers to Teach. 2 day course Shropshire Foundation for Medical Education November 30th 2000 and December 15th 2000.

Clinical Gait Analysis. Connecticut Children's Medical Center, Hartford, CT, USA. March 29th – 31st 2001

European Society for Movement Analysis Conference. Rome, Italy 12th – 15th October 2001.

European Society for Movement Analysis Conference. Leuven, Belgium October 2002.

European Society for Movement Analysis Conference. Marseilles, October 2003.

European Society for Movement Analysis Conference. Warsaw, October 2004.

European Society for Movement Analysis Conference. Barcelona, October 2005.

European Society for Movement Analysis Conference. Amsterdam, October 2006.

Regular Meetings Attended

ESMAC Gait analysis conference - Annual meeting.

Cerebral palsy club – Annual meeting

General Experience

After house jobs, in peripheral teaching hospitals, I joined the Nottingham senior house officer casualty and orthopaedic scheme. I then spent one year on the Nottingham general surgical rotation and two years on the Birmingham pre-fellowship registrar rotation. During that time I gained experience in the assessment of general and paediatric surgical patients. I dealt with both adults and children with head injuries. I became familiar with basic surgical techniques and operative surgery. I was appointed to the West of Scotland Orthopaedic programme after gaining fellowship. Five senior registrars and eighteen registrars rotate through five teaching hospitals and a children's hospital.

Elective Experience

Both at the Southern General Hospital and Gartnavel General Hospital I became acquainted with arthroplasty at the knee and hip. I have been taught the principles of arthroscopy of the knee and am able to undertake basic arthroscopic surgery. I am familiar with a wide range of elective orthopaedic procedures. Professor Waddell's interest in spinal surgery and the assessment of low back pain exposed me to regular routine and problem back clinics. Mr. Bingham's practice has introduced me to hand surgery. At the Southern General Hospital both consultants held prosthetic clinics in conjunction with the National Centre for Prosthetics and Orthotics, allowing me to gain practical experience of amputation surgery and prosthetic management. I arranged to work with Mr. J.Loudon at the Victoria Infirmary to benefit from his experience of cemented primary and revision hip arthroplasty.

In Nottingham whilst working for Mr Howell and Mr Szyprt I took part in three sessions of elective operating each week and attended two orthopaedic clinics. Mr Forster's practice has exposed me to knee arthroplasty sufficient that I now feel confident to use this in the surgical management of uncomplicated degenerative and inflammatory arthritis of that joint. I have also been involved in the management of a wide variety of post traumatic ligamentous disorders and anterior knee pain problems. Mr Barton's practice has allowed me to

develop my hand surgical skills, with a wide variety of degenerative and post traumatic conditions.

Trauma Experience

At the Western Infirmary and the Southern General Hospital I received on a one in three rota and gained experience in the management of soft tissue trauma and bony injuries. I have treated fractures by closed means and according to the methods of the AO group. At the Southern General Hospital an on-call trauma commitment to the regional neurosurgical centre allowed exposure to multiply injured patients and provided an ideal opportunity for visits to observe the management of neurosurgical trauma. My post at the Queen's Medical Centre gave me the opportunity to develop my operative skills. The workload is sufficient that I was able to see a significant number of complicated fractures admitted primarily and referred from other centres. This provided an opportunity to develop my clinical judgement and experience in dealing with such injuries. As well as continuing to practice non-operative care for many fractures, I have increased my proficiency in the operative management of fractures. I have gained experience in the use of closed locked reamed and unreamed fixation for the tibia and interlocking nailing of the femur and the humerus.

Children's Orthopædics

My first contact with children's orthopædics was as a house officer to Mr Dwyer in Birmingham. As a registrar, before entering a numbered orthopædic registrar post, I worked for Mr Harrison and was able to observe his treatment of CDH and Perthes disease. Whilst at the Royal Hospital for Sick Children, in Glasgow I was involved both with routine surgery and emergency work. As Mr Conner's registrar I took part in the scoliosis clinics and theatre lists. I attended weekly CDH and club foot clinics.

In Nottingham, I regularly dealt with the operative and non operative care of children's fractures. I was exposed to other orthopædic emergencies in children including osteitis in normal and immuno-suppressed children as well as soft tissue injuries. I regularly attended children's fracture clinics, CDH clinics, club foot clinics and general children's orthopædic clinics in the Children's Outpatient Department. During a six month attachment with Mr Baker, I have been instructed in the use of callotasis leg lengthening and other techniques in

the treatment of leg length inequality. Mr Baker also deals with a wide spectrum of children's orthopædic conditions. I attended the skeletal dysplasia clinic which is held at Harlow Wood Hospital. With Mr Barton I was able to take part in the care of children with congenital hand abnormalities.

Children's Orthopædic Fellowship

I was employed as senior orthopædic registrar at the Robert Jones and Agnes Hunt Orthopædic Hospital. This post dealt exclusively with children and enabled me to become familiar with the use of movement analysis and gain an understanding of the practical interpretation of the data produced by these systems. The Orthotic Research and Locomotor Assessment Unit has a full Vicon gait analysis system which I have been able to study. The children's orthopædic unit has special experience in the use of gait analysis to direct surgical correction of gait disorder in cerebral palsy. An active program of surgical intervention to maintain walking function in muscular dystrophy was also in progress. The Ilizarov system was used for the correction of complex deformities. Mr Patrick's practice included spina bifida and other less common paralytic disorders requiring specialist management, exposing me to a type of surgery only performed infrequently in most centres. I attended specialist clinics dealing with neurological disorders, muscle disorders, leg length inequality and CDH. I took part in a general children's orthopædic clinic at the Maelor Hospital, Wrexham every week and 3½ children's orthopædic operating sessions each week as well as attending to all children's and a portion of adult trauma acutely.

Teaching and Lecturing

I undertake a regular undergraduate teaching commitment. My collection of digital images for teaching purposes is steadily growing. I acted as a demonstrator on the Nottingham AO courses. I was involved with the Information Technology Implementation Group within the Faculty of Medicine at Nottingham and have authored several educational packages as well as writing a student multiple choice questionnaire program.

As a Consultant at the Robert Jones and Agnes Hunt Orthopædic Hospital I undertake the organisation of the Spring Term Paediatric Orthopædic Instructional Courses. I regularly supervise junior staff in the operating theatre.

I am a regular contributor to local courses and to the Oswestry Basic Sciences Course and the ORLAU Contracture Correction Courses. I attend the Friday afternoon teaching sessions at Oswestry twice a month.

Doctorate of Medicine Thesis

The conservative treatment of low back pain.

My interest in low back pain started whilst I was working for Professor Waddell at the Western Infirmary, Glasgow. The Spinal Research Fellowship enabled me to undertake a substantial project in connection with low back pain. Before leaving Glasgow I had performed my literature search and had decided upon the basic outline of the proposed study. I decided to perform a randomised controlled trial of McKenzie exercises for acute low back pain. After arriving in Nottingham, I established direct access back pain research clinics, liaised with all local General Practitioners and performed the necessary pilot studies. After six months, the study began, collecting 180 patients with acute low back pain. These were followed up after seven weeks and one year, collecting data by means of interview, examination and questionnaires. The work has been presented at meetings and led to me winning the OPTP prize for low back pain research in America. This work has been presented and accepted as a doctoral thesis by the university of Nottingham.

I have benefited from my research post in many ways. My understanding of scientific method has improved and I am familiar with data processing and statistical analysis. The Spinal Research Fellowship is a unique post enabling a junior doctor to organise his practice under the general supervision of the Director of the Back Research Unit, Mr Robert Mulholland.

Current Clinical Activity.

My particular area of practice is in the management of walking impairment in patients with cerebral palsy. I also treat adults with complex musculoskeletal disabilities who fall outside the scope of general orthopaedic practice.

Because of my work, I travel extensively to peripheral clinics and am aware of the current situation in a spectrum of healthcare settings in particular the community as well as the acute sector. I have prolonged contact with my patients and their families and have an excellent opportunity to understand their experiences and needs.

Current Scientific Activity.

I contribute to the design and conduct of clinical trial and research projects in ORLAU, The Children's Unit and The Center for Inherited Neuromuscular Diseases. I am an active member of the Trust's Research Committee as well as working for the Institute of Orthopaedic's Research Panel.

Information Technology Experience.

I am the Director of Clinical Information and Information Technology at my Trust. For the past decade I have guided the development of the Trust's electronic patient record project. The principal objective of the project is to enable sophisticated audit and governance of all clinical activity within the Trust.

Our specialist Trust is one of only two Trusts within the West Midlands to have achieved level 3 EPR status. The XML technology developed in Oswestry to enable clinical governance has now been deployed in six other Trusts. We are currently linking the full electronic record to the patient's family doctors and are planning a pilot of patient access to their own records.

I am convinced that the use of information and information technology can improve the quality of patient care only if clinicians drive it. I have spoken at national and international meetings on the use of XML technology for healthcare

and believe that a clinician is the best person to convince other clinicians of the urgent need to become involved.

Current Management Activity.

Healthcare management needs to be viewed as a treatment modality. Clinicians must engage with managers to harness their management skills in clinically meaningful ways. As well as providing input from the clinical perspective on our local implementation of the NHS National Plan I act to ensure that Information and Information Technology are always considered as a potential dimension to new ways of providing healthcare.

I Act as the Orthopædic editor for the National Library of Health web site.

General interests

I race an International Contender sailing dinghy, enjoy cross country skiing and am a keen gardener.

Testimonials

The following colleagues have agreed to provide testimonials on my behalf:

Mr. N.J. Barton F.R.C.S.

Consultant Orthopædic Surgeon,
University Hospital, Nottingham,
Nottingham, NG7 2UH.

01602-421421

Mr. G.A. Evans F.R.C.S.

Consultant Orthopædic Surgeon,
Robert Jones & Agnes Hunt Orthopædic Hospital,
Oswestry, Shropshire, SY10 7AG

01691 404000