

CURRICULUM VITAE

Mr Alwyn Jones

**BSc. (Hons.) Pharmacology, MBBCh, FRCS (Eng.), MSc.
Orthopaedic Engineering, FRCS (Tr. & Orth.)**

PERSONAL DETAILS

Name: David Alwyn Samuel Jones

Date of Birth: 22nd March 1969

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GMC Registration Number: 4010836

Private indemnity insurance: ISSPI1500063

MEDICAL EDUCATION AND PROFESSIONAL QUALIFICATIONS

Medical School

University of Wales College of Medicine, 1987 - 1993
University Hospital of Wales,
Heath Park,
Cardiff. CF4 4XN.

Qualifications

BSc. (Honours) Pharmacology July 1st 1992

MBBCh July 1st 1993

FRCS (Applied Basic Science) June 1st 1995

FRCS (Clinical Surgery in General - London) May 1st 1997

MSc. (Orthopaedic Engineering - Cardiff University) July 1st 2002

FRCS (Tr. & Orth.) Nov.9th 2002

Other Professional Qualifications

Ionizing Radiation Protection Certificate Feb.7th 1993

Adult Trauma Life Support Certificate May 6th 1996 (Awaiting
Renewal)

Editor British Medical Journal

Feb 2009

Prizes

Welsh Orthopaedic Society prize for oral communication 2002

Distinction in Paediatrics 1992

Consultant Posts

Consultant Spinal Surgeon, University Hospital of Wales, Cardiff.

Honorary Consultant, Morriston Hospital, Swansea.

EMPLOYMENT

GRADE	SPECIALITY	LOCATION	FROM	TO
Consultant Surgeon	Spinal Surgery	University Hospital of Wales, Cardiff	15th Nov. 2004	Ongoing
Specialist Registrar	Trauma and Orthopaedics	University Hospital of Wales	1 st Oct. 2004	14 th Nov. 2004
Spinal Fellow	Spinal Surgery	Queens Medical Centre, Nottingham.	1 st Oct. 2003	30 th Sep. 2004
Spinal Fellow	Spinal Surgery	University of Wales College of Medicine, Cardiff.	1 st July 2003	30 th Sep. 2003
Specialist Registrar	All Wales Higher Training Programme		1st July 1998	30th June 2004
	Trauma / Spinal Surgery	University of Wales College of Medicine, Cardiff.	1 st July 2002	30 th June 2003
	Trauma / Orthopaedics	Royal Gwent Hospital, Newport.	1 st July 2001	30 th June 2002
	Trauma / Orthopaedics	Morrison Hospital, Swansea.	1 st July 2000	30 th June 2001
	Trauma / Spinal Surgery / Orthopaedics	University of Wales College of Medicine, Cardiff.	1 st July 1999	30 th June 2000
	Trauma / Orthopaedics	Glan Clwyd Hospital, Rhyl.	1 st July 1998	30 th June 1999
SHO	Trauma / Orthopaedics	Morrison Hospital, Swansea.	1 st August 1997	30 th June 1998
	Neurosurgery	University of Wales College	1 st Feb.	31 st July

	General Surgery	of Medicine, Cardiff. East Glamorgan Hospital, Church Village.	1997 1 st Feb. 1996	1997 31 st Jan. 1997
	Trauma / Orthopaedics	Royal Gwent Hospital, Newport.	1 st Aug. 1995	31 st Jan. 1996
	Accident and Emergency Unit	Cardiff Royal Infirmary, Cardiff.	1 st Feb. 1995	31 st July 1995
	Urology	Cardiff Royal Infirmary, Cardiff.	1 st Aug. 1994	31 st Jan. 1995
House Officer	General Medicine / Diabetes and Nephrology	University of Wales College of Medicine, Cardiff. Cardiff Royal Infirmary, Cardiff.	1 st Feb. 1994	31 st July 1994
	General Surgery / Endocrine Surgery and Urology	University of Wales College of Medicine, Cardiff.	1 st Aug. 1993	31 st Jan. 1994

POSTGRADUATE COURSES ATTENDED

A.T.L.S	1996
Basic Arthroscopy	1997
Basic AO Course	1998
Surgery of Foot and Ankle	1999
Hand Surgery Course	2001
Basic Knee Arthroplasty	2001
Edinburgh Trauma Symposium	2002
Boston Bone Pathology Course	2002
M.T.L.S. Report Writing Course	2003

POSTGRADUATE SPINAL COURSES ATTENDED

Spinal Surgery Course	1998
AO Spinal Course	2000
Advanced Spinal Surgery Course	2002
Live Spinal Surgery Symposium	2003
Spinal Registrars' Symposium	2004
USS Seminar	2004
Britspine	2004
Spineweek	2004
British Scoliosis Society	2005

CLINICAL EXPERIENCE

Spinal Surgery

I am a full time spinal surgical consultant working in a busy teaching hospital. We have a busy unit with several junior doctors. We are an academic unit with close connections with the local Biosciences department for which I am a faculty lecturer. I am also on the AO spine teaching faculty, having lectured to junior doctors and theatre nursing staff.

I am competent in dealing with a wide variety of spinal disorders in adults and children, on an inpatient and outpatient level. I have worked in two specialized spinal units and have had the opportunity to work with several different consultants and colleagues that has given me a wide experience of management and operative intervention in spinal disorders. The variety of opinions gained from this experience has also increased my knowledge base.

I have gained operative experience in both adult and paediatric cases. I can perform anterior and posterior spinal fusions for degenerative disease, trauma and neoplastic disease. I have gained a wide experience of anterior and posterior correction of scoliosis deformity. I am proficient in injection techniques having routinely performed injection lists, including nerve root blocks, facet injections, discograms, I.D.E.T. and more recently the 'decompression catheter' for disc prolapse.

In my training, I have been responsible for presenting cases at a weekly case discussion programme and have taken a leading role in arranging a weekly spinal educational meeting. I have also organized training sessions for radiographers to demonstrate imaging techniques for spinal injections and a weekly in-house meeting for our SHOs. I regularly attend and present cases and research at spinal meetings on a regional, national and international level. I have attended several postgraduate courses in spinal surgery nationally and internationally and am on the AO spinal faculty.

When on-call, I am responsible for managing patients presenting with spinal disorders through the Emergency Unit, referred from primary care, inpatients on general wards, high dependency areas and intensive care units as well as referrals to our tertiary referral unit.

I have taken a leading role in the developing the ongoing clinical research activity within the Department. On a personal level, I have written two book chapters for a spinal text for nursing staff and through other research have become conversant with the process of Ethics Committee submission, Trust Research and Development application, data collection and analysis, statistics and audit. I hope to develop these skills to direct future research developments within the Department.

My aim is to continue and expand my interest and proficiency in surgery for spinal disorders in adults and children during my future consultant career. Myself and two other colleagues are in discussions with the BMJ publishing department in the preparation of ABC of Spinal disorders text, hopefully to be published next year.

MEDICO-LEGAL EXPERIENCE

I am a consultant orthopaedic spinal surgeon who has been in practice at the University Hospital of Wales, Cardiff, having taken up my consultant post in 2004. I have been preparing personal injury medical reports since 2002, having commenced during registrar training. I have been producing clinical negligence reports since 2010 for both the claimant and defendant. My practice covers a comprehensive area of spinal surgery, including cervical, thoracic and lumbar degenerate conditions. It also includes traumatic spinal injuries as well as tumour and trauma surgery. I also manage spinal sporting injuries and deformity in the adult and paediatric age groups. I have therefore acted as an expert witness since 2002.

I commenced my practice after completing my FRCS (Tr. & Orth.) examination. I completed the M.T.L.S. report-writing course in 2003 with the intention of producing a good standard of report.

I am in a position to offer good quality, evidence based reports in this specific and complex field of spinal disorders, from whiplash to spinal cord injuries and degenerative conditions. All reports will comply with Part 35 Civil Procedure Rules. I will consider both plaintiff, defence as well as negligence cases.

I am also happy to wait for payment until completion of each case.

I am an expert on the panel of most of the major medico-legal agencies and produce reports for the leading solicitors locally and throughout the UK.

TEACHING

I am currently employed as a Consultant Spinal Surgeon at the University Hospital of Wales, Cardiff. Within this post I have been involved in and have aimed to develop the following teaching activities:

- ❖ I have provided clinical bedside teaching and lectures to medical undergraduate students.
- ❖ I teach SHOs and Specialist Registrars on a daily basis on a ward, outpatient and theatre level.

I am comfortable with most teaching forums, from small tutorial groups to presentations in front of larger audiences. I have gained experience in teaching and lecturing on spinal disorders at national spinal courses and at a regional MSc. course. I am a faculty member of AO Spine giving regular lectures and seminars to junior doctors and theatre nursing staff.

AUDIT

I understand the process of audit and participate regularly in Clinical Governance meetings within the Spinal Directorate.

During my time as a Specialist Registrar I have been involved in Clinical Governance and Effectiveness and Audit co-coordinator. My roles were to arrange and oversee intra and inter-departmental audits, ensuring their relevance and smooth running. During this I have become computer literate, being able to use various software packages in order to compile presentations.

Specific audit presentations have included the following:

Operative data inaccuracies: what operations do we perform? – An audit of the ‘theatre-man’ system.

An audit of operative note keeping and the adequacy of information presented.

MANAGEMENT EXPERIENCE

I have recently attended a Management Training Programme as part of the All Wales Higher Training Programme for Specialist Registrars.

As a consultant I am responsible for the running of my firm and arranging out- and in-patients care and operating lists at three hospitals.

RESEARCH EXPERIENCE

Masters in Orthopaedic Engineering

This involved a two-year part-time non-residential course. There were four weekend sessions with assignments and yearly examinations.

The first year was dedicated to engineering theory and statistics, whereas the second year covered more clinical aspects of orthopaedics with reference to the basic science of engineering.

My dissertation was the biomechanical stability of spinal implants in a fracture setting. This involved the use of calf spines and the creation of a vertebral fracture with various stabilization instrumentation applied to investigate the optimum construct. The project was laboratory-based and involved motion-analysis techniques. This provided an excellent insight into biomechanical testing and has led onto further research in this field. The data arising from this project has generated several national and international presentations and is currently being prepared for publication.

PUBLICATIONS

Published abstracts

- 1) Prosthetic breast reconstruction; a technique available to the District General Hospital. Published in Proceedings of the Welsh Surgical Society Volume XXVIII 1996.
- 2) A hospital's experience, of lower colonic carcinoma. Published in Proceedings of the Welsh Surgical Society Volume XXVIII 1997.
- 3) Treatment of the neck of femur fracture: Is a lateral radiograph necessary? Injury, Int. J. Care Injured. 2002; 33: 873.
- 4) Does combined anterior and posterior spinal fixation confer advantages over posterior alone? Annals R.C.S. (Eng.). In Press.
- 5) Operative data inaccuracies: what operations do we perform? – An audit of the 'theatre-man' system. J.B.J.S. In Press.
- 6) Surgical outcome of scoliosis using different instrumentation constructs in Duchenne muscular dystrophy. J.B.J.S. In Press.

7) The Modic classification for lumbar MRI scans: Intra and interobserver error. J.B.J.S. In Press.

8) Analysis of clinical and functional outcome of posterior stabilisation for dorsolumbar fracture. J.B.J.S. In Press.

9) Is return to rugby union likely and safe after anterior cervical discectomy? J.B.J.S. In Press.

10) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. European Journal of Trauma – In Press

11) Analysis of clinical and functional outcome of posterior stabilization for dorsolumbar fracture. European Journal of Trauma – In Press

12) The effect of the integrity of the posterior longitudinal ligament on the anterior implant construct rigidity in the burst fracture setting. European Journal of Trauma – In Press

13) Anterior or posterior stabilization of unstable thoraco-lumbar burst fractures: A biomechanical study. European Journal of Trauma – In Press

14) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. J.B.J.S – In Press

15) Anterior cervical reconstruction using PEEK cages with anterior plating. J.B.J.S – In Press

Poster Presentations

1) Bone Banking. What can you expect? British Orthopaedic Congress 2002 and Royal Society of Tissue Banking 2002.

2) Painful total hip arthroplasty. Remember the obturator hernia! British Orthopaedic Congress 2002.

3) Pre-operative templating. Does the position of the marker ruler make a difference? British Orthopaedic Congress 2002.

4) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. Britspine 2004.

5) The effect of the integrity of the posterior longitudinal ligament on the anterior implant construct rigidity in the burst fracture setting. Britspine 2004.

- 6) Anterior or posterior stabilization of unstable thoraco-lumbar burst fractures: A biomechanical study. Britspine 2004.
- 7) The sagittal orientation of pars defects in spondylolysis. Britspine 2004.
- 8) How to avoid operating on the wrong lumbar disc! A British experience. Britspine 2004.
- 9) Anterior screw fixation for a paediatric odontoid non-union. Spineweek 2004.
- 10) How to avoid operating on the wrong lumbar disc! A British experience. Spineweek 2004.
- 11) Anterior cervical reconstruction using PEEK cages with anterior plating. Spineweek 2004.
- 12) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. Spineweek 2004.
- 13) Avulsion of the L4 spinous process: an unusual injury in a professional rugby player. B.O.A. Congress 2004.
- 14) MRI measurements in Cauda Equina Syndrome: reproducibility and prediction of clinical outcome. British Society of Neuroradiologists 2004.
- 15) Single stage anterior release and posterior stabilization for scoliosis in a Jehovah's Witness- A Case Report. J Chitins, HV Dabke, A Jones, S Ahuja, J Howes, PR Davies. BSS 2005.
- 16) Surgical management of severe cervical kyphosis with myelopathy in osteogenesis imperfecta: A Case Report. SC Daivajna, A Jones, SMH Mehdian. BSS 2005.
- 17) The Efficacy of the World Wide Web in obtaining information for parents and patients with scoliosis. T Williams, D Williams, S Ahuja, A Jones, J Howes, P Davies. BSS 2005.
- 18) The Modic classification for lumbar MRI scans: Intra and interobserver error. A. Jones, A. Clarke, B. Freeman, K. Lam, M. Grevitt. ISSLS 2005.
- 19) Is return to rugby union likely and safe after anterior cervical discectomy? Eurospine 2005.
- 20) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. Eurospine 2005.

Oral Presentations

- 1) Prosthetic breast reconstruction, a technique available to the District General Hospital. Welsh Surgical Meeting 1996.
- 2) A hospitals' experience of lower colonic carcinoma. Welsh Surgical Meeting 1997.
- 3) Operative data inaccuracies: what operations do we perform? – An audit of the 'theatre-man' system. Welsh Registrar's Day 1998
- 4) Operative data inaccuracies: what operations do we perform? – An audit of the 'theatre-man' system. British Orthopaedic Congress 2002.
- 5) Treatment of the neck of femur fracture: Is a lateral radiograph necessary? Welsh Orthopaedic Society 1999.
- 6) Treatment of the neck of femur fracture: Is a lateral radiograph necessary? Welsh Registrar's Day 1999.
- 7) Treatment of the neck of femur fracture: Is a lateral radiograph necessary? British Trauma Society 2001.
- 8) Femoral revision hip arthroplasty using the S-ROM prosthesis. Welsh Orthopaedic Society 2001.
- 9) Femoral revision hip arthroplasty using the S-ROM prosthesis. Welsh Registrar's Day 2000.
- 10) Does combined anterior and posterior spinal fixation confer advantages over posterior alone? Welsh Orthopaedic Society 2002.
- 11) Does combined anterior and posterior spinal fixation confer advantages over posterior alone? British Orthopaedic Research Society 2002.
- 12) Does combined anterior and posterior spinal fixation confer advantages over posterior alone? European Orthopaedic Research Society 2002.
- 13) Surgical outcome of scoliosis using different instrumentation constructs in Duchenne muscular dystrophy. British Scoliosis Society 2004.
- 14) The Modic classification for lumbar MRI scans: Intra and interobserver error. Britspine 2004.

- 15) Is return to rugby union likely and safe after anterior cervical discectomy? Britspine 2004.
- 16) Analysis of clinical and functional outcome of posterior stabilization for dorsolumbar fracture. Britspine 2004.
- 17) Analysis of clinical and functional outcome of posterior stabilization for dorsolumbar fracture. European Trauma Congress 2004.
- 18) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. European Trauma Congress 2004.
- 19) The effect of the integrity of the posterior longitudinal ligament on the anterior implant construct rigidity in the burst fracture setting. European Trauma Congress 2004.
- 20) Anterior or posterior stabilization of unstable thoraco-lumbar burst fractures: A biomechanical study. European Trauma Congress 2004.
- 21) How to avoid operating on the wrong lumbar disc! A British experience. Spineweek 2004.
- 22) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. B.O.A. Congress 2004.
- 23) Analysis of clinical and functional outcome of posterior stabilization for dorsolumbar fracture. B.O.A. Congress 2004.
- 24) Anterior cervical reconstruction using PEEK cages with anterior plating. B.O.A. Congress 2004.
- 25) CT evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. Combined Orthopaedic Congress, Sydney. 2004.
- 26) Surgical management of severe cervical kyphosis with myelopathy in osteogenesis imperfecta: A case report. British Cervical Spine Society, 2004.
- 27) Surgical management of severe cervical kyphosis with myelopathy in osteogenesis imperfecta: A Case Report. SC Daivajna, A Jones, SMH Mehdian. BCSS 2004.
- 28) Should patients wait for scoliosis surgery? HV Dabke, A Jones, S Ahuja, J Howes, P Davies. BSS 2005.
- 29) Use of Vertical Expandable Prosthesis Titanium Rib in congenital Scoliosis – The UK experience. HV Dabke, A Jones, S Ahuja, J Howes, P Davies. BSS 2005.
- 30) Should patients wait for scoliosis surgery? Eurospine 2005.

31) Cauda equina syndrome: (1) The factors affecting outcome and (2) an analysis of MRI measurements. BOA Congress 2005.

32) Should patients wait for scoliosis surgery? BOA Congress 2005.

Original Publications

1) Estimation Of Bladder Volume In Clam Enterocystoplasty Patients Using Portable Ultrasound. *J. Urol.* 1996; 155(2): 468-70.

2) Antioxidant Deficiency Following Clam Enterocystoplasty. *Br.J.Urol.* 1997; 8 (2):238-42.

3) Splenogonadal Fusion: Report of a rare variety. *J. R. Coll. Surg. Edin.* 2001; 46(2):108-9.

4) Anterior Screw Fixation for a Paediatric Odontoid Non-union. *Spine.* 2005; 30(1):E28–E30.

5) Occurrence of Grisel's syndrome in a child with Down's syndrome. *Welsh Paediatric Journal* - In Press.

6) CT Evaluation of the pattern of odontoid fractures in the elderly – relationship to upper cervical spine osteoarthritis. *European Spine Journal.* 2005; 14(1): 78-83.

7) Surgical management of severe cervical kyphosis with myelopathy in osteogenesis imperfecta: A case report. *Spine.* 2005; 30(7): E191-E194.

8) Unilateral septic arthritis of a lumbar facet joint due to acupuncture: A case report. *Acupuncture in Medicine.* 2004; 22(3): 152-155.

9) Avulsion of the L4 Spinous Process: An unusual injury in a Professional Rugby Player. *Spine.* 2005; 30(11): E323-E325.

10) The Modic classification for lumbar MRI scans: Intra and interobserver error. *Spine.* 2005; 30(16):1867-1869.

Book Chapters

Degenerative Disc Disease of the Spine

Primary Bone and Metastatic Tumours of the Spine

SOCIETY MEMBERSHIP

Royal College of Surgeons (England)

British Orthopaedic Association

Medical Protection Society

Welsh Orthopaedic Society

British Medical Association

European AO Spine Society

Society for lateral access surgery - SOLAS (XLIF)

GENERAL INTEREST

I am a keen sportsman, having represented my school, county, medical school and the Medical Protection Society invitation side at rugby union. I still keep fit by weight training and running. I am a welsh speaker and support my former medical school team when I can.

I enjoy my family life and spend as much time as I can with my wife and two daughters.

REFEREES

Mr Paul Davies,
Consultant Spinal Surgeon,
Llandough Hospital,
Penlan Road,
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(029) 20715289

Miss Loretta Riley,
Orthopaedic Directorate Manager,
Orthopaedic Department,
University Hospital of Wales,
Heath Park,
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