CURRICULUM VITAE

ANDREW QUAILE FRCS MBBS(London), LRCP, MRCS(England), FRCS(Glasgow)

CONSULTANT SPINAL ORTHOPAEDIC SURGEON

BORN 21st July 1954, Manchester, England

NATIONALITY British/Australian

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EDUCATION

Birkenhead School, Cheshire, England 1959 – 1973 Head of School, Head of House and Head of Combined Cadet Force Represented School at Rugby, Cricket, Hockey, Swimming and Athletics

MEDICAL SCHOOL

Charing Cross Hospital Medical School, London, England 1973 – 1978 Vice President Students Union and Secretary Rugby Club McLeod Cup 1977 for the greatest contribution to the medical school for the year Represented Hospital 1st teams at Rugby, Cricket and Hockey

QUALIFICATIONS

MB.BS (London) 1978 LRCP MRCS (England) 1979 FRCS (Glasgow 1984)

HOUSE JOBS

House Surgeon to Mr I Burn and Mr K Reynolds at Charing Cross Hospital, February – August 1979 Specific interests – breast cancer and pancreatic surgery

House Physician to Surgeon Commanders M. Beeley and J. Wright at the Royal Naval Hospital, Plymouth, August 1979 – February 1980. Specific interests – respiratory and endocrine medicine.

FULL REGISTRATION WITH THE GENERAL MEDICAL COUNCIL 1st FEBRUARY 1980. NO. 246053

ROYAL NAVAL GENERAL DUTIES:

Courses at Britannia Royal Naval College, Dartmouth and the Institute of Naval Medicine, February – April 1980.

Medical Officer HMS Cochrane, Rosyth, Scotland, April 1980 – December 1981. Employed as a general medical officer and duties included assisting in medical support during emergencies at sea.

Captained Rugby and Cricket Teams for both HMS Cochrane and Royal Naval Scotland Command.

SENIOR HOUSE OFFICER:

Casualty Officer, Royal Naval Hospital, Plymouth, December 1981 – July 1982. Mostly treating civilians as the Naval Hospital was integrated into the NHS system and gaining experience in all aspects of accident and emergency work.

SHO in Orthopaedic Surgery, Royal Naval Hospital, Plymouth, July 1982 – January 1983 under Surgeon Captain J. Bertram and Surgeon Commander A. Chakraverty. Minor surgery was performed under supervision and major procedures were assisted. All aspects of trauma and cold orthopaedic surgery were catered for with civilian work the majority of joint replacement. Routine spinal surgery with discectomy and lumbar decompression was frequently seen. At this time major trauma reconstruction was performed with casualties of the Falklands War.

SHO in General Surgery, Royal Naval Hospital, Plymouth, January 1983 – July 1983. Worked under Surgeon Commanders Wilkes and Rowland with special interests in urology and vascular surgery.

POST GRADUATE QUALIFICATIONS:

Primary Fellowship of the Royal College of Surgeons (Glasgow) 1982. Final Fellowship of the Royal College of Surgeons (Glasgow) 1984.

SURGEON TO ROYAL NAVAL GULF PATROL:

July 1983 – April 1984. Single-handed surgeon deployed with anaesthetist to provide surgical expertise to the UK presence in East of Suez. Minor procedures performed at sea and surgical planning and support organised in the event of hostilities in the Gulf.

SENIOR HOUSE OFFICER:

SHO in Orthopaedic Surgery, Royal Naval Hospital, Plymouth, May – July 1984. Under Surgeon Commander P. Jones. Further experience in trauma and cold orthopaedics. This included joint replacement, arthroscopy and spinal surgery.

SHO in General Surgery, Royal Naval Hospital, Plymouth, July 1984 – January 1985. Under Surgeon Commander Rowland for further general and vascular experience.

Rugby and Cricket for both the Royal Naval Hospital Plymouth and the Royal Naval Medical Services.

REGISTRAR:

Registrar in General Surgery and promoted to Lieutenant Commander RN, Royal Naval Hospital, Plymouth, under Surgeon Commander Rowland, January – July 1985. Now carrying out more complex procedures and participated in the 'surgical take' covering the Plymouth and East Cornwall district.

Registrar in Plastic Surgery, July 1985 – January 1986, Regional Plastic and Burns Unit, Derriford Hospital, Plymouth. Under Mr. D. Harris, Mr. D. Hanley and Surgeon Commander C. Chapman. This was to gain experience in burns, flap and hand surgery.

Registrar in Orthopaedic Surgery, Royal Naval Hospital, Haslar, Gosport, Hampshire, January 1986 – June 1986. Under Surgeon Commander M. Payne. The Naval Hospital in Gosport also had an active Accident and Emergency Department, which dealt with civilian trauma. At the same time all manner of elective surgery was performed. Basic spinal surgery was taught by Surgeon Commander Farqharson-Roberts to allow competence and confidence in the lumbar spine. I organised a spinal symposium with John Dove to discuss the Hartshill Rectangle, which was in use in the Department.

Courses in Neuro and Paediatric Surgery at Alder Hey, Liverpool and the Wessex Neuro-Surgery unit in Southampton – July 1986. The neurosurgery was aimed at spinal decompression and at the surgical treatment of head injuries. This was to enable competence in head flaps and neurosurgical decompression as well as other paediatric procedures.

SURGEON TO ROYAL NAVAL HOSPITAL, GIBRALTAR:

Single-handed surgeon to all three Services in Gibraltar and all Service dependants, August 1986 – November 1987. The Military Hospital contained one surgeon, one anaesthetist and one physician. All aspects of trauma and elective surgery were undertaken where feasible.

Head of Accident and Emergency and responsible for organising the Gibraltar Disaster Plan for both civilian and military disaster relief. This plan was then exercised under my guidance. I also covered the St. Bernard's Hospital for trauma on one in two and assisted Mr. Chakraverty for elective Orthopaedic surgery. It also enabled further orthopaedic training in joint replacement and basic spinal surgery.

SENIOR REGISTRAR:

Senior Registrar in Orthopaedic Surgery, Royal Naval Hospital, Plymouth, November 1987 – November 1988 under Surgeon Captain Telfer and Surgeon Commander Jones. All aspects of trauma and cold orthopaedics were covered. This included attending and presenting at the meetings of the Plymouth and Exeter groups. Again the Department treated about 60% civilians via Outpatients and Accident and Emergency. Further access to spinal surgery was obtained both via the Navy and civilian surgeons in Plymouth.

Senior Registrar in Orthopaedic Surgery, Royal Naval Hospital, Haslar, Gosport, Hampshire under Surgeon Captain Bertram, Surgeon Commander Osborne and Surgeon Commander Farqharson-Roberts November 1988 – December 1989. This included organising the Department and covering for absent consultants. Major interests were spinal and knee surgery. The Department had gained a knee signature system machine for the measurement of knee ligament instability. Trauma from both the Services and civilian life were admitted via the Accident and Emergency Department. The spinal surgery was taught by Captain Bertram and by Commander Farqharson-Roberts. I was able to do single handed disc surgery and assist at the more complex procedures such as fusions.

ORTHOPAEDIC SPECIALIST AUSTRALIAN ARMY:

Emigrated to Ingleburn, New South Wales to 1st Field Hospital, December 1989 to August 1990 as a Lieutenant Colonel RAAMC. Worked both single-handedly at I Field Hospital and with Dr Robin Higgs at Concord, Repatriation Hospital. I engaged in arthroscopic and knee reconstructive surgery for the Army and in joint reconstruction with Dr. Higgs. I was also utilised in covering the Accident and Emergency Department in both Concord Hospital and the Military Hospital. I continued to perform lumbar disc surgery.

Also at this time I attended the local orthopaedic training program for Australian Registrars.

SENIOR REGISTRAR:

Returned to the U.K. as Senior Registrar and Lecturer in Orthopaedic Surgery at Southampton General Hospital. August 1990 to August 1992 rotated through training posts:

Under Professor Shearer and Mr. Woods specialising in joint replacement and rheumatoid surgery. This was also the lecturer's job and much time was spent in giving formal lectures and in tutorials to smaller groups. Trauma cover was provided as well as outpatients and elective surgery. I lectured in spinal surgery to the Wessex General Practitioners.

Under Mr. Fitzgerald specialising in hand surgery and as trauma manager, responsible for the organisation of trauma services in Southampton General Hospital. This amounted to organising and performing some of the surgery on patients admitted via the Accident and Emergency Department – some 12 to 15 cases per day. During this time I gained experience in the surgery of the fractured spine and the fractured pelvis. The surgery of the pelvis was initially learned at the London A/O pelvis course. The surgery of pedicle screw implantation was learned by local teaching leading to proficiency in spinal fracture and tumour stabilisation. I was also responsible for carrying out and supervising the surgical management of a host of other fractures including the use of nailing, plating and external fixation techniques.

Under Mr. Jackson and Mr. Robertson specialising in spinal surgery and knee surgery. Scoliosis surgery and knee reconstructions were the major interests. Further experience was gained in spinal fixation and decompression. Anterior spinal approaches including trans-thoracic and trans-abdominal were taught.

Under Mr. Clarke and Mr. Harley specialising in joint replacement, spinal surgery and paediatric surgery. Mr. Harley specifically taught me initial spinal trauma management along with the various spinal approaches. Under Mr. Clarke the use of ultrasound as a diagnostic tool was taught along with paediatric surgery.

ACCREDITED CONSULTANT IN ORTHOPAEDIC SURGERY – 1st August 1992

FELLOW OF THE BRITISH ORTHOPAEDIC ASSOCIATION

CONSULTANT IN ORTHOPAEDIC SURGERY:

Returned to Brisbane in August 1992 as the Consultant Surgeon to 1st Military Hospital, Yeronga. During this time I was the only orthopaedic surgeon in the Australian Defence Force. I organised my own rota and carried out outpatients with cold and emergency surgery. I performed spinal surgery, general orthopaedic procedures, trauma and knee ligament reconstructive surgery. I worked as the relieving Orthopaedic Surgeon at the Royal Brisbane Hospital from December 1992 until December 1993. This was to carry out one session of outpatients and one session of operating per week. During this time I was responsible for carrying out trauma and elective surgery and also for supervising the registrars on my patients. I resigned from the Army in December 1993.

I then became involved in full time private practice in Brisbane. I operated twice a week in a variety of private hospitals. About 50% of my elective surgical cases were spinal. I regularly performed lumbar discectomies, spinal decompressions and instrumented spinal fusions. This instrumentation was via pedicle screws or interbody threaded cages utilising either PLIF or anterior approaches. I also carried out a large number of arthroscopies and knee ligament reconstructions. Joint replacement and shoulder surgery was also performed.

To pursue my spinal interests I spent some time with Dr. Henri Graf in Lyon and hosted him in Brisbane where I organised a number of meetings on the Graf technique. I also went to Toronto to a spine challenge meeting where I learned endoscopic discectomy techniques among many other approaches.

I was elected to the Faculty of the Australian Society of Musculo-Skeletal Physicians due to my interest in spinal conditions and was a Senior Lecturer at the University of Queensland.

Trauma cases were referred via GP's, public Accident and Emergency Departments and private Accident and Emergency Departments. I was on continuous emergency call via my pager on a one in three rota for both the Mater Misericordiae Private Hospital and St. Andrew's Hospital, which both have their own Accident and Emergency Departments and for the North West Private Hospital.

I had visiting rights at St. Andrews War Memorial Hospital, Holy Spirit Hospital, North West Private Hospital, Mater Private Hospital, Wesley Hospital, and Strathpine Private Hospital. These are all hospitals in Brisbane.

I returned to the UK in 1996 to take up an NHS post as a consultant in orthopaedic surgery with an interest in spines at the East Somerset NHS Trust. This included the entire range of orthopaedic conditions including trauma. During this time I expanded my interest in spinal disorders by attending regular meetings with Peter Webb at Taunton. As a result I applied for consultant posts in spinal surgery.

In 1998 I took up a post as a full time spinal surgeon at Frimley Park Hospital. This was in a unit of two full time spinal surgeons. Trauma surgery was still performed on the duty rota. I was dealing with spinal surgery and non-operative pain relief to the cervical, thoracic and lumbar spines. This included spinal trauma, tumours, deformity and infection. Emergency spinal conditions were referred from all around the South of England. I hosted regular spinal meetings in Frimley.

ACADEMIC TITLES:

Appointed Clinical Lecturer in Orthopaedic Surgery at the University in Queensland 1992. This involved student teaching and developing an interest in research.

Faculty of Musculo-Skeletal Medicine in Australia. This Society investigates and treats spinal disorders.

Associate Editor for 'International Orthopaedics' peer reviewing publication of Spinal Papers and reviewing all papers for publication to correct them to the appropriate standard.

Examiner in Orthopaedics for S.I.C.O.T.

PUBLICATIONS:

Paper on Aetiology and Treatment of Varicose Veins – International Symposium on Varicose Veins, London 1985.

Paper on the Management of Severe Burns – Military Surgical Society, London 1986.

Paper on the Review of Treatment of Varicose Veins in the Royal Naval Hospital, Plymouth. J Roy Navy Services 1987.

Paper on the Role of Surgery in Gibraltar. Travelling Surgical Club, Gibraltar 1987.

Paper on The History of Plastic Surgery in the Royal Navy. Military Surgical Society, London 1988.

Paper on The Effects of Lateral Release. J. Roy Naval Services 1989.

Paper on The Use of the KSS System in Measuring Knee Instability. Combined Services Orthopaedic Symposium, London 1989.

Paper on The Effects of Froben on the Intra-articular Environment. VII Eular Symposium, London 1992.

The use of epidurals for sciatica – BritSpine 2006

Paper on Axial ALIF - British Association of Spinal Surgeons 2007

Paper on Axial ALIF - BritSpine 2008

Paper on spinal infections in association with spinal implants: International Orthopaedics 2012

Letter to the Editor, International Orthopaedics, on Upper Tibial Osteotomy 2012

Attractive papers and accurate English: Journal of International Orthopaedics, Vol. 40, No. 4, April 2016

Guest Editor of the Spine Special Issue: Journal of International Orthopaedics, Vol. 40, No. 6, June 2016

International Orthopaedics is 40 years old: Journal of International Orthopaedics, Vol. 40, No. 8, August 2016

LEARNED SOCIETIES:

British Orthopaedic Surgeon - Fellow

British Association of Spinal Surgeons

Spine Society of Europe

South East Spine Club (Founder member)

North American Spine Society

S.I.C.O.T. Societe Internationale de Chirugie Orthopedique et de Traumatologie

Member, Expert Witness Institute

LEARNED SOCIETIES (cont.):

Member, Expert Witness

Executive Member, World Orthopaedic Concern

Society for Back Pain Research

Member, Society of Expert Witnesses

Regional Fellow, Royal Society of Medicine

Expert, 1st Tier, Association of Personal Injury Lawyers (APIL)

COURSES ATTENDED AND LECTURES GIVEN:

A/O internal fixation course, R.A.F. Halton, U.K. 1983. Residential Course to learn the basics of the A/O technique.

Paediatric Orthopaedic Surgery, Charing Cross Hospital, under Mr. A. Catterall, 1987. Residential course on topics in paediatric orthopaedics.

Rheumatoid Arthritis Surgery, Princess Margaret Rose Hospital, under Mr. Soutar, Edinburgh, U.K. 1987. Residential Course on joint replacement and arthritis surgery.

Surgery of the Shoulder, Guys Hospital, London, 1988.

A/O Pelvic and Acetabular Surgery course under Dr.Tile, St. Georges Hospital, London, 1991. Residential course with cadaver work to gain skills in pelvic fracture surgery.

Clinical Biomechanics Course, under Mr. Wroblevski, Leeds 1991.

British Army Trauma Life Support, Royal Navy Hospital, Haslar 1992. Full ATLS course.

War Surgery Course, Millbank, London, 1992.

Joint reconstruction meeting – Sydney 1992.

Personal instruction with Dr.Henri Graf on his spinal banding technique – Lyons 1993. To operate with and learn the indications for the method of spinal stabilisation.

Queensland Australian Orthopaedic Association Scientific Meeting – Gold Coast 1994.

Spine Challenge meeting – Toronto 1994. Residential course including cadaver work to become familiar with arthroscopic microdiscectomy, pedicle fixation and interbody threaded cages.

Richards Orthopaedic Meeting – Coolum 1994. Residential general orthopaedic meeting.

I hosted Dr.Henri Graf in Brisbane in 1994 and organised a symposium for him to present his work and results.

The Australian Society of Musculo-Skeletal Physicians – Brisbane 1994. Conference on the conservative investigation and treatment of spinal disorders.

The Midas Rex spinal and orthopaedic dissection tool course – Melbourne 1995.

Course on Neuromyotomy – Somerset, September 1996. Organised by myself.

The Graf Meeting – Oswestry 1996. Spinal stabilising conference.

British Orthopaedic Association Meeting 1996.

The First European Advanced Spinal Meeting – Manchester 1996.

Aesculap Minimally Invasive Course - Tuttlingen, Germany 1996.

The Second European Advanced Spinal Surgery Meeting – London 1997.

The Aesculap St. Mary's Dynamic Spine Meeting – London 1997.

Lectures to the South West Spine Club on two occasions in 1997 and once in 1998.

COURSES ATTENDED AND LECTURES GIVEN (cont.):

Chairman of the Spinal Surgery Course for operating theatre staff – Sheffield 1998

Guest Lecturer to the Sesamoid Society on Graf Spinal Stabilisation, 1998

Chairman of the Biomet International Spine Symposium – 1999

Eurospine Meetings in 2000, 2001, 2002 and 2004

Britspine Meetings in 2002, 2004, 2006 and 2008

Lectures on spinal disorders given at numerous General Practitioner Symposia via SpineWorks from 1999 to present day.

Chairman and Organiser of South East Spine Club since 1999 to present

Course on X-Stop Decompression – Holland 2004

Course on Axial ALIF 2006 – Holland. Organised and chaired International Conference on the X-Stop decompression September, 2006

Clinical Board for Axialif 2008 and 2009 with teaching on Axialif courses in Salzburg

Finalist Independent Health Awards 2008

XLIF Course San Diego 2008

Numerous medicolegal lectures to solicitor groups, barristers and organised SpineWorks Medico-Legal Conference in the Royal Society of Medicine 2010

Annual lectures at the 'Imperial College Spine Course' on spinal fusions via Axialif from 2010 to present.

Society for Back Pain Research meeting 2012

Lectured on how to write a paper at the SICOT meeting in RIO 2014, Egyptian Orthopaedic meeting in Cairo 2014, Guangzhou 2015, Rome 2016.

Lectured on the use of Axialif in spinal fusions at the Egyptian Orthopaedic meeting in Cairo 2014

Organised and chaired symposia on reviewing papers in Guangzhou China 2015, Rome 2016

Examined in Orthopaedics for the SICOT Diploma Prague 2013, Rio 2014, Guangzhou 2015, Rome 2016.

RESEARCH INTERESTS

I have designed, written the technique and indications for use of a long stemmed, cannulated, lockable prosthesis, which is presently in use in the U.K. The prosthesis is manufactured by Orthodesign in Christchurch under the name of CANNULOK. It was not imported into Australia and therefore I have not been able to provide much research on it. It is designed to deal with fractures below implants via a closed technique but has several more applications. It has been presented at the British Orthopaedic Association by Orthodesign. It gained the 'Winning by Design' Award in 2002.

The use of Graf Banding technique in spinal instability. I have a personal series of over 200 cases. I have lectured extensively on its use.

The use of epidurals in spinal pain, which is both an audit project and a research project and which was presented at Britspine.

The use of the open coil MRI scan to investigate the effect of straight leg raising on disc bulges.

Audit of Tumour Spinal Surgery.

The use of interspinous distraction devices

The use of the Axial ALIF

The use of PRP in low back pain and discogenic pain

ADMINISTRATIVE EXPERIENCE:

Head of School, Cadet Corps and Head of House.

Single-handed surgeon to Gulf Patrol involved in the surgical planning for disasters and war. This included level of equipment, treatment protocols and personnel.

Principal Medical Officer H.M.S. Fearless. Responsible from a surgical point of view for the running of the department in a large warship at sea.

Single-handed surgeon to the Royal Naval Hospital in Gibraltar. As a head of department responsible for the running of surgery and accident and emergency. Responsible for the planning and instrumentation of the Gibraltar Disaster Plan.

Consultant Orthopaedic Surgeon to the Australian Army. Responsible for services in Ingleburn, N.S.W. and Yeronga, Queensland. This also included the development and planning of military trauma services.

Managing a busy orthopaedic private practice with three members of staff. Whilst in Australia I employed a full time Practice Manager, two secretaries, one full time and one part time. I had two routine operating lists per week and eight clinics. There was also the out of hours trauma cover.

Theatre Committee of Strathpine Private Hospital to advise on theatre equipment and usage.

Running Spineworks, a multidisciplinary medical practice with five members of staff, running education and CPD for allied health practitioners as well as a busy clinical and medico-legal practice.

PRESENT POSITION:

I am Medical Director of Spineworks Ltd, a private orthopaedic spine practice, the vision being to provide an integrated team approach for patients with back and neck problems. I continue to be committed to offering the highest quality of care and treatment. In September 2008 I was a finalist in the Independent Health Care Awards, held in London, in the category Best Medical Practice.

I specialise in investigation, assessment, treatment and management of spinal disorders. Although I have over 25 years of extensive surgical experience I no longer perform open spinal surgery and have not done so since April 2013. My main focus is now pain management and non-surgical intervention, carrying out procedures such as facet joint blocks, nerve root blocks, radio frequency denervation, lumbar epidurals, nucleoplasty and prolotherapy.

I am committed to education and regularly organise Spineworks meetings for GP's and allied health practitioners such as nurses, physiotherapists, chiropractors and osteopaths.

I attend courses throughout the year in keeping with revalidation and continuing practice development. Specifically I regularly attend the multi-disciplinary team audit meetings at Frimley Park NHS Hospital, Frimley, Surrey. I have revalidated with the GMC, as now required by all medical practitioners, until November 2021.

I am Associate Editor of the journal International Orthopaedics, a well known international journal and was Guest Editor for the Spine Special Issue, June 2016.

I am an examiner in orthopaedic surgery for the Societe Internationale de Chirugie Orthopedique et de Traumatologie (SICOT). I am an occasional lecturer in spinal surgery on the South Thames Training Circuit.

MEDICO LEGAL EXPERIENCE

I have been compiling medico-legal reports for 25 years since I accredited as a Consultant in 1992. I prepare approximately 300 to 350 reports a year now and the proportion of defendant and claimant work I undertake is approximately 50/50. I take on a large number of joint instructions and also do some clinical medical negligence work.

MEDICO LEGAL EXPERIENCE (cont.):

I have attended courses with Bond Solon, Premex and Lynden Alexander for training in report writing and presentation. I achieved the Bond Solon/Cardiff University Expert Witness Certificate in 2009. I have given oral evidence in Court for around 40 cases.

I am a member of Expert Witness, Society of Expert Witnesses and the Expert Witness Institute. Also I am a 1st Tier Expert on the APIL register.

I have lectured to barristers and solicitors both in their offices, chambers and via seminar days organised by Spineworks.

LEISURE PURSUITS:

Skiing, rugby (now from the stands), golf, squash, classical music, mountain walking and leisure time with my wife and children.

REFEREES:

Mr. Peter Leopold Consultant Vascular and General Surgeon, Frimley Park Hospital,

Portsmouth Road, Frimley, Camberley, Surrey GU16 5UJ

Tel. No: 01276 604604

Mr Pike Consultant Orthopaedic Surgeon, Frimley Park Hospital, Portsmouth Rd,

Frimley, Camberley, Surrey GU16 5UJ

Tel. No: 01276 604604

Mr David Dempster Consultant Orthopaedic Surgeon, Frimley Park Hospital, Portsmouth Road,

Frimley, Camberley, Surrey GU16 5UJ

Tel. No: 01276 604604

HOSPITALS WITH ADMITTING RIGHTS AND CLINIC VENUES

BMI The Hampshire Clinic, Basing Road, Old Basing, Basingstoke, Hampshire RG24 7AL

BMI Mount Alvernia, Harvey Road, Guildford, Surrey GU1 3LX

10, Harley Street, London W1G 9AL