

CURRICULUM VITAE

Mr. Sudheer L Karlakki

FRCSEd FRCSG FRCS(Orth) MSc(Orth Eng) LLM(Med Law)

Consultant Orthopaedic & Arthroplasty Surgeon
Robert Jones & Agnes Hunt Orthopaedic Hospital Foundation Trust
Oswestry Spire Yale Private Hospital, Wrexham

Honorary Senior Lecturer, Keele University

Clinical Director for Surgery (2012-2016)
Robert Jones & Agnes Hunt Orthopaedic Hospital Foundation Trust
Oswestry



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PERSONAL DETAILS:

Name	Sudheer Lokappa Karlakki
Sex	Male
Date of Birth	21 st October 1967
Place of Birth	Jog, India
Nationality	British
GMC Registration	4340252
Address	Arthroplasty Unit Robert Jones & Agnes Hunt Orthopaedic Hospital Gobowen Oswestry SY10 7AQ Orchard House Wrexham Road Overton LL13 0HF Work (Sec 1) - 01691 404344 Work (Sec 2) - 01978 268050 E-mail - karlakki.s@virgin.net
Society Memberships	Low Friction Arthroplasty Society Welsh Orthopaedic Society British Hip Society British Knee Society British Orthopaedic Association British Medical Association International Society for Hip Arthroscopy (until 2016)

EDUCATION, QUALIFICATION AND ACADEMIC AWARDS:

Honorary Senior Lecturer	Keele University, 2018, UK
LLM (LAMP)	Masters in Law – Legal Aspects of Medical Practice, July 2013 Cardiff Law School , Cardiff
AO Fellowship in Pelvic Trauma Surgery	Sep 2002 – October 2002 Sunnybrook Health Sciences Centre, Toronto, Canada.
Fellowship in Lower limb Arthroplasty (Knee and Hip)	July 2001 – June 2002 Wrightington Hospital, Wrightington.
FRCS (Tr & Orth)	October 2000 Inter Collegiate Specialty Exam in Trauma and Orthopaedics.
MSc in Orth Engineering	July 1999 Cardiff School of Engineering University of Wales, Cardiff.
FRCS	November 1995 Royal College of Surgeons of Edinburgh. Royal College of Surgeons of Glasgow.
MBBS	Aug 1985 - March 1990. St. John’s Medical College, Bangalore, India.
Medals & Achievements	Certificate of Merit in Pathology, 1987 St. John’s Medical College, Bangalore, India. Lloyd Griffiths Medal – 2001 Resident of the year 2001 Robert Jones & Agnes Hunt Hospital, Oswestry. Best Clinical Research Award – Journal of Wound Care 2014 (PI for the research in NPWT for incisional wounds) Bronze Award - 2017 International Design Excellence Awards (IDEA®), USA. Silver Award - 20 th Annual Medical Design Excellence Awards (MDEA) 2018, USA.
Independent Clinical Advisor for NICE on NPWT for incisional wounds.	

CURRENT APPOINTMENT:

02 January 2003

Consultant Orthopaedic & Arthroplasty Surgeon Full Time, RJAH Oswestry, since September 2009

I was appointed a Joint appointment between Robert Jones and Agnes Hunt Hospital, Oswestry and Wrexham Maelor Hospital, Wrexham with a contract based at Oswestry with a 60:40 split respectively in January 2003. I undertook elective Hip and Knee service at RJAH and Elective/Trauma service at Wrexham Maelor Hospital, Wrexham between 2003 -2009. I moved over to a full-time position at RJAH due to increasing work load and elective commitments at RJAH.

Sep 2012 – Sep 2016

Clinical Director for Surgery, RJAH Oswestry

Based at RJAH, Oswestry full time since 1 September 2009, I perform elective hip and knee and complex revision. I currently perform over 300 Hip and Knee replacements, roughly 50-60 Revision Hip and knee surgeries and until recently hip arthroscopies for femoro-acetabular impingement. I continue provide a complex young hip service along with my colleague since 2009.

In the recent ten years, I have been actively involved in research. I have been a Chief investigator for 2 completed RCTs and one multicentre trial just started. One of which is published with 2 publications, 1 pending publication. I have been actively involved in innovative wound care solutions for predictable wound healing, thus influencing enhanced recovery and safer earlier discharge. I sit on an international panel for incisional wound care utilising negative pressure wound therapy. Our work in NPWT in incisional wound won Best Clinical Research Award by Journal of Wound Care in 2014. More recently I served as an advisor to NICE in their guidance on meditech innovation briefing on PICO negative pressure wound dressings for closed surgical wounds. I have recently been appointed as a Honorary Senior Lecturer from Keele University.

I am involved in developing instrumentations, a design surgeon in a team of 4 international surgeons (Exactech Inc, USA), for a knee implant to enhance safer implantation and improve outcomes. Our work won a Bronze award at an International Design Excellence Awards (IDEA® in USA) and more recently a silver award Annual Medical Design Excellence Awards (MDEA) 2018, USA.

I am an invited speaker at international knee meetings, enhanced recovery and incisional wound care management.

I am actively involved in medical management throughout my career. I have been part of various committees, I was the Chair of Medical Advisory Committee and Vice Chair of Local Negotiating Committee at RJAH from 2008 until 2012 when took over the role of Clinical director for surgery looking after over 40 surgeons and over 20 anaesthetists between September 2012 to September 2016. I now wish to concentrate on teaching, training, clinical research and academics. Together with my colleague we have started an Arthroplasty Fellowship programme this year.

RESEARCH:

1. Principle Investigator for a Multicenter study – A prospective follow up study to assess performance, safety and efficacy of the PICO Onboard Negative Pressure Wound Therapy (NPWT) system for surgically closed incision sites and skin grafts.
2. Chief Investigator for a Multicenter study – A prospective follow up study to assess performance, safety and efficacy of the PICO 7 Negative Pressure Wound Therapy (NPWT) system for surgically closed incision sites and skin grafts.
3. Completed RCT - A Safety study (RCT of antibiotic coated Uncemented implants in hip replacement), currently in the process of reviewing patients at 2years post-surgery. A DEXA study is completed for the cohort, 1 submitted for publication, clinical follow up due for publication.
4. Post Market evaluation of Optetrak Logic Knee – Ongoing since August 2011. Follow up at 7 yrs.
5. RCT on Negative Pressure Wound Therapy (iNPWT) v Standard dressing in Primary Hip and Knee Replacement surgery, Impact on wound healing and length of stay. Study completed, 2 publications.
6. Post market evaluation and prospective data collection of Taperloc/Exceed ABT Ceramic THR
 - 10 year plus follow up, publication in progress.
 - Poster Presentation on ABT ceramic cups- British Hip Society meeting 2011,
 - Accepted for podium presentation AAOS, 2015
7. Prospective data collection of Taperloc/Magnum
 - 8 years plus follow up, being considered for publication 5 year results
 - Presented at Trainee day RJAH April 2011

PLANNED RESEARCH:

Chief Investigator for a Multicenter study – A prospective follow up study to assess performance, safety and efficacy of the PICO 14 Negative Pressure Wound Therapy (NPWT) system for surgically closed incision sites and dehised wounds.

Dissertations:

- LLM in Legal Aspects of Medical Practice, 2013
Clinical Negligence, Contributory Factors – Is the law addressing the cause or the effect? A dissertation for the LLM in Legal Aspects of Medical Practice. Cardiff Law School, Cardiff.
- MSc in Orthopaedic Engineering, 1999
Effect of reamer shape on intramedullary pressure - Reaming for intramedullary Nail Stabilisation. A dissertation for the MSc in Orthopaedic Engineering, Cardiff
School of Engineering, University of Wales, Cardiff.

PUBLICATIONS:

- Prevention and therapy of acute and chronic wounds using NPWT devices during the COVID-19 pandemic, recommendation from The NPWT Working Group. Tomasz Banasiewicz, Rolf Becker, Adam Bobkiewicz, Marco Fraccalvieri, Wojciech Francuzik, Martin Hutan, Mike Laukoetter, Marcin Malka, Bartosz Mańkowski, Zsolt Szentkereszty, Csaba Toth, Lenka Veverkov, Sudheer Karlakki, John Murphy, Zielinski Maciej. NEGATIVE PRESSURE WOUND THERAPY JOURNAL, VOL. 7, NO. 2, 2020
- Recommendations for the post-operative management of an existing Warfarin therapy after lower limb joint arthroplasty. Roumeliotis L, Jenkins C, Budithi SC, Karlakki S. Surgeon. 2018 Sep 5.
- Cost-effectiveness analysis of single-use negative pressure wound therapy dressings (sNPWT) to reduce surgical site complications (SSC) in routine primary hip and knee replacements Leo M. Nherera, Paul Trueman, S L. Karlakki. Wound Rep Reg (2017) 25 474-482.
- Incisional negative pressure wound therapy dressings (iNPWTd) in routine primary hip and knee arthroplasties. A randomised controlled trial. S. L. Karlakki, A. K. Hamad, C. Whittall, BSc Hons, PhD, N. M. Graham, R. D. Banerjee, J. H. Kuiper. Bone Joint Res. 2016 Aug; 5(8): 328–337. (SLK, PI and the main writer of the article).
- Does epinephrine wash reduce blood loss in primary total hip replacements? Mr A Yewlett, J Oakley, L Mason, S Karlakki: Wales Orthopaedic Journal 2014;1(2):7-9.
- Negative pressure wound therapy for management of the surgical incision in orthopaedic surgery: A review of evidence and mechanisms for an emerging indication. Karlakki S; Brem M; Giannini S; Khanduja V; Stannard J; Martin R. Bone & Joint Research. 2(12):276-84, 2013.
- The efficacy of autologous blood transfusion in primary Total Hip Arthroplasty A R Guha, S Mukhopadhyay, A McMurtrie, R Kulshreshtha, S L Karlakki. Journal of Orthopaedics, 2009, Vol.6 (3)DOAJ.

- Combined femoral and Chiari Osteotomies for reconstruction of the painful subluxation or dislocation of the hip in cerebral palsy. A long-term outcome study. Debnath UK; Guha AR; Karlakki S; Varghese J; Evans GA. Journal of Bone & Joint Surgery - British Volume. 88(10):1373-8, 2006 Oct.
- Cemented Vs Uncemented Knee Replacement - A chapter in the book 'Controversies in Orthopaedics', Oswestry RJAH publication.
- Intra-articular migration of femoral interference screw: Open or arthroscopic removal. Karlakki SL; Downes ME. Arthroscopy. 19(3):E19, 2003 Mar.
- Idiopathic avascular necrosis of the metacarpal head. Karlakki SL; Bindra RR. Clinical Orthopaedics & Related Research. (406)103-8, 2003 Jan.
- Diabetic Amyotrophy Masquerading As Quadriceps Tendon Rupture: A Word of Caution. Bhandankar R, Sudheer K, Rogers A. Journal of RCS Edinburgh 2001 46(6):375-Journal of RCS Edinburgh 46(6):375-376, 2001.
- Completing the Audit Loop: A new objective and standardized method R. Kulkarni, K. Sudheer, J. Worrell and G.J. Stranks - Quality Assurance Journal 5:33-36, 2001

INVITED FACULTY AND A SPEAKER AT MEETINGS (last 5 years):

2020

1. A new optimal wound care strategy during Covid-19 pandemic. Extensive and early use of NPWT. May 2020, A International Webinar

2018

1. Progress and solutions to current challenges in Orthopedic Surgery, Feb 2018, Seville.
2. Knee Debate, Worcester, June 2018.
3. 3rd Insights Meeting, London, June 2018.
4. NPWT Expert Meeting -Brussels, June 2018.

2017

1. Exactech Knee User Meeting, August 2017, New York.
2. Wound and Soft Tissue Management with NPWT, Faculty Expertise Development Symposium, Sep 2017, London.

2016

1. 7th International NPWT Meeting, Berlin, March 2016
2. Midlands Knee Meeting, Bromsgrove, UK, May 2016
3. QIST Meeting, Northumbria, UK, Oct 2016
4. Exactech International Knee Masters Course, Rome, October 2016
5. European Bone Joint Infection meeting, Bristol, October 2016

2015

1. 6th International NPWT meeting, Berlin, 2015
2. International Knee Masters Course, Madrid, May 2015
3. Orthopaedic Infection Knee Meeting, Hamburg, Sep 2015

2014

1. Enhancing surgical outcomes in Hip and Knee replacements utilising NPWT in surgical incisions. Web Cast for Smith & Nephew, UK, November 2014
2. Incisional NPWT for Hip and Knee Replacements, Wound Meeting, Bromsgrove October 2014
3. International Knee Masters Course, Exactech, Catania, September 2014
4. EFORT Congress London June 2014, a S & N NPWT Symposium, b. Exactech Knee meeting
5. Hope Congress Amsterdam, May 2014
6. Midlands Controversies Knee Meeting, UK, May 2014
7. North American NPWT Summit, Dallas, May 2014
8. Incisional NPWT Meeting, Oswestry, April 2014
9. Oswestry Cadaveric Revision Hip Course, Lima- Expert, Oswestry, March 2014
10. 5th International NPWT Experts meeting, Frankfurt, March 2014
11. Enhancing surgical outcomes in Hip and Knee replacement, Regional BMA Meeting, Wrexham, March 2014

2013

1. Early results on Optetrak Logic. Exactech meeting, Worcester Jan 2013
2. Early experiences on PICO dressings Smith & Nephew Meeting, Carden Park , Jan 2013
3. Clinical skills, Soft tissue and joint injections, RJAH GP training day, Jan 2013
4. Early results on Optetrak Logic. Exactech Knee Meeting Leeds, March 2013
5. 4th International NPWT Expert Meeting, Berlin , April 2013
6. A tribute to Mary Powell , May 2013
7. Knee & Shoulder Controversies 2013, Midlands knee meeting, May 2013
8. Orthopaedics and Plastics Best Practice Event, London May 2013
9. Australian Orthopaedic Association Annual Meeting, Australia, October 2013
10. GP Lecture, Rope Green Surgery, Nov 2013

2012

1. Surgeon Event - 25th June 2012, NEWT in Incisional and plastic surgery
2. International Advisory Panel NPWT in incisional surgery- 25 May 2012
3. Educational seminar in Hip Arthroscopy - Wrexham- 13 June 2012
4. RJAH Meeting for Visiting American Fellows - Talk on Hip Arthroscopy
5. GP study Day - 19th June 2012
6. Lima Hip Course - 21 & 22 June 2012
7. Pico- An innovation in Orthopaedic Surgery - S&N wound care meeting, Walsall, Birmingham, Nov 2012

PROFESSIONAL DEVELOPMENT AND MEETINGS ATTENDED:

BOA, Liverpool, Sep 2019

EFFORT Meeting, Lisbon, June 2019, Presenting Papers

The International Knee Arthroplasty Symposium (IKAS) in Berlin, September 2018

Knee Debate, June 2018, Worcester, Speaking

3rd Insights Meeting, June 2018, London, Speaking

NPWT Expert Meeting -June 2018, Brussels, Speaking

BHS, Hip Society Meeting, March 2018

BKS, Knee Society Meeting, March 2018

Progress and solutions to challenges in Orthopedic Surg, Feb 2018, Seville, Speaking

BOA, Orthopaedic Association Meeting, Liverpool, Sep 2017

Wound & Soft Tissue Faculty Expertise Development Day, Sep 2017, Speaking

Exactech Knee User Meeting, August 2017, Orlando, Speaking

Welsh Orthopaedic Society Meeting, May 2017

BASK, Knee society meeting, Southport March 2017

International Knee Masters Course, Rome, October, 2016, Speaking

QIST Meeting, Newcastle, October 2016, Speaking

BOA, Orthopaedic Association Meeting Belfast, September 2016

European Bone Joint Infection meeting Bristol September 2016, Speaking

Current Concepts and Controversies MKS Meeting, Worcester, May 2016, Speaking

Corail Hip Meeting, Lyon May 2016

7th International NPWT Expert Meeting, Berlin April 2016, Speaking

HSJ Summit, November 2015, speaking on incisional NPWT

Orthopaedic Infection Knee Meeting, Hamburg, Sep 2015, Speaking

International Knee Masters Course, Madrid, May 2015, Speaking

6th International NPWT Expert Meeting, Berlin March 2015, Speaking

British Hip Society, London, Feb 2015, Presenting Paper

International Knee Masters Course, Exactech, Catania, September 2014, Speaking

EFFORT Congress London, June 2014, Speaking

Hope Congress Amsterdam, May 2014, Speaking

Midlands Controversies Knee Meeting, UK, May 2014, Speaking

North American NPWT Summit, Dallas, May 2014, Speaking

Current concepts in Joint Replacement Meeting, Orlando, December 2014
5th International NPWT Experts meeting, Frankfurt, March 2014, Speaking & Moderating.
Australian Orthopaedic Association Annual Meeting, Australia, October 2013,
International Sports Medicine and Knee Arthroplasty Meeting – Prague, Sep 2013
EFORT meeting – Istanbul, June 2013
Orthopaedics and Plastics Best Practice Event, London, May 2013, Teaching
Knee & Shoulder Controversies 2013, Midlands knee meeting, May 2013, Speaking
Exactech user meeting, Orlando, May 2013
Clinical leadership development programme, April 2013
4th International NPWT Expert Meeting, Berlin, speaking, April 2013
Exactech Knee USER Group Meeting Leeds, March 2013
Hip arthroscopy Instructional Course Kiel, Germany, Feb 2013
Effective Clinical director, London, Dec 2012
New Appraiser Skills Training, Nov 2012
British Orthopaedic Association Congress, Manchester, Sep 2012
Lima International Hip Meeting, Vienna, June 2012
British Hip Society Meeting, Manchester March 2012
British Orthopaedic Association Conference, Dublin – 13-16 Sep 2011
Direct Anterior Approach User Group Meeting (Hip) Amsterdam - 1 July 2011
Corail Hip Symposium, Geneva - 22-24 June 2011
Biomet USA Visitation – 6-10 Feb 2011
MIS Visitation, Belgium – 20 Jan 2011
Cadaveric Hip Arthroscopy Lab Visit – 30 Nov 2010
ASI (Anterior approach to hip) Cadaver Course – Vienna, October 2010
Extreme hip Arthroscopy Course – Newcastle, September 2010
MIS in hip surgery – June 2010, Belgium
Exactech Knee Meeting, London - May 2010
Hip arthroscopy Workshop, London - April 2010
Current concepts in Joint Replacement Surgery, Orlando - Dec 2009
Exactech Experience – Dec 2009
Link Revision Hip meeting, Hamburg – Dec 2009

Statutory Training - Dec 2008

Biomet International Hip resurfacing symposium, Dublin - March 2009

Sigma high performance knee meeting, Vienna - June 2009

IOAS meeting, Llandudno - June 2009

British Orthopaedic Association Annual Conference, Manchester - Sep 2009

Biomet Trauma Meeting, Villar - February 2008 (6)

Corail Hip meeting, Annessey - Oct 2008 (7)

Sheffield Arthroplasty Infection Meeting, Sheffield - Nov 2008

Consent Training - e-module (2)

Statutory Training - Dec 2008

CFP Hip meeting Vienna - Nov 2006 (6)

PFC Knee meeting, Manchester - Oct 2007 (70)

Equality and diversity - e-module (2)

Medico legal reporting - e-module (2)

Current concepts in joint replacement surgery, Orlando - Dec 2005 (21)

Biomet Hip symposium - Rome, Oct 2006 (11)

Computer assisted navigation course for hips and knees - Hamburg, Oct 2006 (18)

Modernising medical careers - Wrexham , July 06 (5)

Charnley Symposium - Manchester, June 2005 (12)

Optetrak Knee meeting - Birmingham, June 2005 (4)

Visit to London, Ontario Arthroplasty Unit - Canada, May 2004

Training the Trainers - Wolverhampton, May 2004

American Academy Annual Meeting - San Francisco, USA, February 2004 (36)

Advanced Surgical Techniques in Hip Resurfacing - Stafford, June 2003(4)

Corin Advances in Hip Resurfacing Meeting - Stafford, March 2003 (3 1/2)

Medical legal Reporting - London, October, 2003 (6)

Training the Trainers - Wolverhampton, May 2004 (21)

Medical legal Reporting - London, October, 2003

Presentation Skills for Training - Shrewsbury, West Midland, May 2003 (6)

Birmingham Hip Resurfacing Course for SpRs - Birmingham, November 2002

Zimmer Revision Hip Surgery Workshop - Toronto, September 2002

Wrightington International Symposium - Manchester, June 2002.

Clinical Management Course for Specialist Registrars in Surgical Specialties –
Keele University, Keele, June 2002.

Low Friction Society Meeting – Manchester, June 2002.

Welsh Orthopaedic Society Meeting - Llantrisant, May 2002.

AAOS Annual Meeting - Dallas, Texas, USA, February 2002.

ATLS Provider Course Re-certification - Ysbyty Gwynedd, Bangor Dec 2001.
Recommended for the ATLS Instructor's Course.

Clinical Course for the FRCS(Tr & Orth)- Bristol, September 2000.

Hand Course for the FRCS(Orth) - Wrightington, September 2000.

Sir John Charnley ERA Meeting - Wrightington, June 2000.

Ortho-Celt Meeting - Newport, May 2000.

Basic Sciences for the FRCS(Orth) - London, March 2000.

Health Informatics - Swansea, March 2000.

BOA Instructional Course - Stratford, January 2000.

BSSH Autumn Meeting - Blackpool, October 1999.

External Fixation in Trauma and Orthopaedics - RCS London, May 1999.

Knee Arthroscopy Course - Droitwich, April 1999.

Uni-compartmental Knee Replacement Symposium - RJAHS Oswestry, Feb 1999.

AO Advanced Course - Leeds, June 1998.

Sir John Charnley ERA Meeting - Wrightington, June 1998.

Sports Injuries Course - RCS London, April 1998.

Edinburgh Trauma Symposium – RCS Edinburgh, Aug 1997.

AO Basic Course - Nottingham, June 1997.

ATLS Provider Course - Cardiff, Feb 1996.

Radiation Protection Course and Certificate - Cardiff, Feb 1996.

STEP Course - Royal College of Surgeons of London.

FRCS Section A (May 94) and Section B (May 95) – Royal College of Surgeons of
Edinburgh.

Courses Convened

FRCS (Orth) Clinical Examination Course - January 2001, RJAHS, Oswestry.

Examiner, FRCS (Orth) Clinical Examination Course - April 2001-2009, RJAHS,
Oswestry.

PREVIOUS APPOINTMENTS:

Rotating Specialist Registrar - Trauma and Orthopaedics

01 Jul 2002 - 15 Sep 2002	Specialist Registrar - Tr & Orth Ysbyty Gwynedd NHS Trust Bangor, Gwynedd Supervising Consultant: Mr MW Jones
01 Jul 2001 - 30 Jun 2002	Arthroplasty Fellow (Lower Limb Unit) Wrightington Hospital Regional Arthroplasty Unit Appley Bridge, Wigan, Lancs Supervising Consultants: Mr C Faux Mr AO Browne
01 July 2000 - 30 Jun 2001	Specialist Registrar - Tr & Orth The Robert Jones and Agnes Hunt Hospital NHS Trust Regional Orthopaedic Centre, Oswestry, Shropshire
01 Jan 2001 - 30 Jun 2001	Supervising Consultant (Arthroplasty Firm): Mr R Spencer-Jones
01 Jul 2000 - 31 Dec 2000	Supervising Consultants (Paediatric Firm): Mr GA Evans Mr A Roberts Mr J H Patrick
01 Jul 1999 - 30 Jun 2000	Specialist Registrar - Tr & Orth Morrison Hospital NHS Trust Regional Trauma Centre, Swansea Supervising Consultants: Mr E M Downes Mr D A Clement Mr R L Leyshon
01 Jul 1998 - 30 Jun 1999	Specialist Registrar - Tr & Orth Wrexham Maelor Hospital NHS Trust, Wrexham Supervising Consultants: Mr G A Evans Mr P W Laing Mr A M Jamieson Mr J R Wootton

15 Sep 1996 - 30 Jun 1998

Specialist Registrar - Tr & Orth
Ysbyty Gwynedd NHS Trust, Bangor
Supervising Consultants:
Mr M W Jones Mr L Mc'Sweeney
Mr S G Hunter Mr G A Attara
Mr R R Bindra

Senior House Officer – Surgical Specialties

07 Feb 1996 - 15 Sept 1996

Senior House Officer in Orthopaedics
Royal Gwent Hospital NHS Trust, Newport
Supervising Consultants:
Mr D G Jones
Mr W Mintotz-Czyz

02 Aug 1995 - 06 Feb 1996

Senior House Officer in General Surgery
Royal Gwent Hospital NHS Trust, Newport.
Supervising Consultant:
Mr W Lewis

01 Feb 1995 - 01 Aug 1995

Senior House Officer in Urology
Royal Gwent Hospital NHS Trust, Newport.
Supervising Consultant:
Mr R L Gower

08 Aug 1994 - 31 Jan 1995

Senior House Officer in General Surgery
Cardiff Royal Infirmary, Cardiff.
Supervising Consultant:
Mr M Wheeler

01 Feb 1994 - 02 Aug 1994

Senior House Officer in Orthopaedics
West Wales General Hospital NHS Trust,
Carmarthen.
Supervising Consultants:
Mr R J Black
Mr S R Johnson
Mr M G Griffiths

06 Nov 1992 - 09 Apr 1993

Medical Officer Oil Rig
Essar Oil Rig
Bombay, India.

04 Mar 1992 - 03 Sep 1992

Senior House Officer in ICU
St. John's Medical College Hospital
Bangalore, India.

02 Sep 1991 - 01 Mar 1992

Senior House Officer in Accident and
Emergency
St. John's Medical College Hospital
Bangalore, India.

Rotating House Officer

01 Apr 1990 - 22 Apr 1991

House Officer - Gen Med/Gen Surg/
Orth/A&E/ICU/OB&G/Paed.
St. John's Medical College Hospital
Bangalore, India.

TEACHING MANAGEMENT AND LEADERSHIP SKILLS:

Teaching

I make a conscious effort to teach and train junior medical staff, allied medical staff and medical students and have organised teaching programmes, journal clubs and workshops on trauma management.

During my stay at the Robert Jones and Agnes Hunt Hospital as a registrar I have organised courses for the FRCS (Orth) exam and later been involved in teaching and training at the subsequent courses held at Oswestry.

As consultant I continue to teach and train and examine junior doctors, nurses and physiotherapists. I regularly have visiting surgeons as we are a reference centre for Exactech UK and Smith & Nephew UK.

Management and Leadership Skills

I have been exposed to taking on responsibilities at an early age. I have been a class head boy on several occasions during my school days. I have regularly been the team leader for sporting events such as cricket during my school days and captained the college table tennis team in medical school.

I was the member of the organising committee (medical school), which managed to host the very first All India level inter-medical collegiate cultural festival in Bangalore, which has since been a yearly event. I was briefly involved in politics and was the Youth Congress vice-president for a year in 1989.

As a consultant I have learnt that it is the organisational skills that keep your practice smooth and trouble free. I take an active role in managing my outpatient and inpatient service.

Despite my busy schedule I take an active role in hospital management. Over the years, I have been part of various committees, I was the Chair of Medical Advisory Committee and Vice Chair of Local Negotiating Committee at RJAH, Oswestry until 2012, subsequently took on the role of Clinical Director for Surgery since September 2012 which I recently relinquished to concentrate on clinical research.

FELLOWSHIPS:

I completed a year's fellowship in Wrightington Hospital under the supervision of Mr Chris Faux and Mr Tony Browne. I was exposed to vast number of hip and knee reconstructions during this time.

The fellowship was mainly clinical with major hands on training. During this time, I also had ample opportunity to assist other experienced surgeons at this unit.

I came away from this fellowship having reiterated my basic principles of management of arthritic hip and knee, consolidated my surgical skills and learnt the process of decision making in difficult scenarios and vast amount of hands on experience.

I have also completed an AO Trauma Fellowship in 2002 at the Sunnybrook Health Sciences Centre, Toronto. I spent a very useful 6 weeks at this leading trauma unit learning some of the newer techniques and fixation methods.

Visits to Overseas and other surgeons

I have visited several overseas orthopaedic units as a trainee. I spent two weeks with the arthroplasty team at the Vancouver General Hospital in April 2001. During my visit to Canada for the AO fellowship, I spent further few weeks with some of the world leaders in hip and knee arthroplasty surgery. I spent a week with Dr Alan Gross watching complex hip revision surgery including massive allograft surgery. I also spent 2 weeks with Dr Cecil Rorabeck learning some complex revision knee surgery. Following this I also had a chance to visit and watch Dr Schatzker and Dr Cameron at work.

I continue to visit colleague surgeons, some of my memorable visits were to Prof Schielders to see hip arthroscopy, FAI surgery and labral repair; and Dr De Witte to learn anterior approach to hip surgery. I have visited several surgeons over UK and in Europe over the last two years.

CAREER FOCUS:

My career aim is to work on the principles of 'making surgery predictable'. In this pursuit of pushing surgical boundaries I have been involved several clinical areas such as improving blood loss, surgical jigs, enhanced recovery and enhanced wound healing. I continue to evaluate, learn and work on surgical techniques to improve predictability following joint replacement surgery.

I have explored surgical techniques such as 'direct anterior approach' hip replacement. I started this surgery having studied the approach carefully, visited many surgeons in Europe and trained in cadaveric lab. We are now a year following the initial cohort of 25 patients. Although initial results were promising the complications are higher.

Wound healing remains still potential issue in joint replacement surgery. Poorly managed superficial wound issues often lead to deep infection and further surgery. In the face of increased productivity and reduced length of stay it is essential that patients are discharged home safely following surgery. I have been studying use of negative pressure wound therapy (NPWT) in incisional wounds for the last 7 years. This is a pioneering field in management of surgical wounds. I am privileged to part of faculty of the international advisory board for Smith & Nephew wound care. This is now a standard practice in our hospital for most us in revision surgery. We have completed a RCT utilizing disposable single use NPWT wound dressings in primary hip and knee replacement and published 2 papers on the findings. We are currently part of a multicentre study on NPWT with myself as a chief investigator.

I currently work with 2 orthopaedic companies in helping develop and design surgical jigs. No personal financial reward apart from commitment from the companies to invest in to hospital research facility and promote hospital as a reference center. We perform joint replacements in excess of 2500 per annum and one the highest in the country for hip and knee joint replacement, therefore it is only just that we promote our hospital as a reference center for joint replacement and revision surgery.

Clinical research in UK is difficult due to funding. I have worked hard in attracting Industry to get involved in research with us and have managed to attract several industries in the recent years. Along with my colleagues we have been able to set up prospective data collection for various hip and knee implants and we are now in a position to present our midterm results on various projects.

Over the last 16 years as a consultant I have performed over 3000 primary, complex primary and revision hip and knee joint replacements. I find every surgery is unique and thrive on perfection.

I was a Clinical director for surgery between September 2012 to September 2016. I have now relinquished this role to concentrate on teaching, training, clinical research and academics. I have recently been appointed as a Honorary Senior Lecturer from Keele University.

EXTRACURRICULAR ACTIVITIES AND INTERESTS:

I play several sports. Cricket perhaps is what I have played most during my early school days. I also played table tennis and captained the medical school team. I was the Individual Champion in athletics in 1989 and represented medical school in cricket and table tennis.

I have keen interest in motor sports; I participated briefly in motor rallying during medical school days. I am a keen follower of grand prix and Moto-GP motor racing.

My current interests are motorcycling, off road biking, skiing, cycling and walking.

More recently I have discovered an interest in climbing and paragliding.