

# **Curriculum Vitae**

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**Mr. Gowtham Chowdary Kankanala**

**July 2016**

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## Professional Profile

I am a dedicated, compassionate and results-orientated orthopaedic specialist with special interest in trauma and lower limb arthroplasty. I am a focused and proactive individual, adopting a tenacious approach to all tasks, with a commitment to delivering the highest standards of patient care. My key assets include the ability to communicate effectively with patients, their families and staff at all levels, with a meticulous attention to detail. I am a natural and motivational team player, who works well on own initiative, with strong leadership qualities. I am flexible, reliable and trustworthy all-rounder with genuine integrity and I thrive in challenging working environments.

## Primary Speciality

Orthopaedics, Trauma & Lower Limb Arthroplasty

## Registration

General Medical Council 6138157 - Full Registration

Irish Medical Council 413739 - General Registration

## Current Post

Fellowship in Primary Lower Limb Arthroplasty at Tameside General Hospital, Ashton-Under-Lyne (September 2014 to date)

Honorary Visiting Consultant in Trauma & Orthopaedics at Shri Balaji Institute of Surgery, Research and Rehabilitation for the Disabled (BIRRD TTD Trust Hospital, Tirupathi, India (Since January 2015).

## Education and Qualifications

2015	FEBOT (Fellow of European Board of Trauma & Orthopaedics)
2015	MRCS - Royal College of Physicians & Surgeons of Glasgow
2008	MRCS (Intercollegiate) - <i>Royal College of Surgeons of Edinburgh</i>
2005	MCH Orthopaedics - <i>University of Dundee</i>
2001	MS Orthopaedics - <i>Rajiv Gandhi University of Health Sciences</i>
1997	MBBS - <i>Karntak University, Dharwad</i>

## Courses Attended

2016	Ilizarov Fellowship for 4 weeks in September at Russian Ilizarov Scientific Center for Restorative Traumatology and Orthopaedics (Visit confirmed by the centre)
2015	Cambridge Knee Course, Melbourn
2015	Watanabe Shoulder Arthroscopy Course- Diagnostic & Therapeutic, Melbourn
2014	Taylor Spatial Frame – External Fixator course, Kings College London
2014	Technologies & Techniques - Proximal Femoral Fracture Course, York
2011	ATLS course, Airedale general hospital, Airedale
2010	Advanced ECG Interpretation Course, Manchester Conference Centre
2010	Basic Surgical Skills Course, Royal Liverpool University Hospital
2009	Operative Skills in Orthopaedic surgery, Royal Liverpool University Hospital
2009	Basic External Fixation Course, University of Manchester
2005	Basic Knee Arthroplasty study day, Cuschieri skills centre, Ninewells hospital, Dundee
2005	Basic Hip Arthroplasty study day, Cuschieri skills centre, Ninewells hospital, Dundee

<b>2005</b>	Basic Arthroscopy study day, Cuschieri skills centre, Ninewells hospital, Dundee
<b>2004</b>	AO course: Advances in fracture management, New Delhi
<b>2003</b>	AO seminar with workshop on Principles of Operative Fracture Treatment, Hyderabad, India

## Orthopaedic Experience

### India:

#### **3 years Orthopaedic Training for Masters in Orthopaedic Surgery**

#### **2 years Clinical Experience after Post-graduate training**

After my successful completion of MBBS in 1997, I worked as an anatomy tutor for a year before starting Orthopaedic training in 1999. During my orthopaedic training, I gained extensive knowledge of orthopaedic surgical procedures and had the benefit of working under various experienced surgeons who taught me the basic surgical skills. During my training, I worked very closely with plaster technicians and learnt proper way of applying slabs and pop casts. I attended various conferences and teaching programs during that period and developed the understanding of continuous medical education and research. I submitted a dissertation to the University for the Completion of my Master's Degree and obtained Master's Degree upon successfully passing the examination in 2001.

I worked as a Registrar from 2001-2002 at Vijaya Health Centre in Chennai which is a super speciality hospital. This job helped me improve my skills at handling and managing trauma patients and also gave some scope for learning elective surgical procedures.

I started working at Balaji Institute of Research and Rehabilitation for the Disabled (BIRRD) in 2002. This is a trust hospital dedicated for the poor and needy patients with disabilities that require immediate (trauma) and elective surgical care. I assisted and performed more than 2000 orthopaedic surgeries in this trust hospital within the span of 2 years. I initially worked in the trauma unit for 6 months and performed fracture fixation procedures, learnt the principles of external fixation and gained experience at applying Ilizarov frame for limb reconstruction procedures. I also attended Ilizarov workshop during that time.

I was assigned to elective unit for the next 6 months where I assisted/performed knee and hip arthroplasty and arthroscopic surgeries. I spent the next 6 months in the famous Paediatric unit of BIRRD Hospital which is dedicated for the deformity correction surgeries in young patients who were affected by Post-Polio Residual Paralysis, Cerebral Palsy and various other congenital deformities of extremities. I performed large number of the correction surgeries and gained experience at managing the post-surgical rehabilitation regime. I closely worked with Physiotherapy and Orthotic departments to work out a tailored management plan for the post-operative rehabilitation on the patients.

I spent the last 6 months in the Spinal Surgery unit and improved examination skills on spinal injury patients; I assisted/performed spinal trauma fixation surgeries and elective spinal surgeries including anterior thoracic debridement and posterior stabilisation for TB spine, scoliosis deformity correction surgery, Lumbar laminectomy & Discectomy, PLIFs, Cervical discectomy and atlanto-axial fusions. I learnt and performed local steroid and anaesthetic injections into SI joints and facet joints. I actively involved in drafting a spinal rehabilitation management plan for the post-operative patients. All throughout my job at BIRRD, I participated in elective & fracture clinics, pre-operative assessments and post-operative ward rounds. I taught and supervised juniors, nurses and student physiotherapists in the bed side teaching sessions. I supervised continuous medical education meetings and gave presentations at journal clubs, morbidity and mortality meetings and audits.

### **UK EXPERIENCE:**

#### **1 Year – Masters in Orthopaedic Surgery (MCH Orthopaedics) at University of Dundee**

#### **2 Year's experience as SHO**

#### **6 Year's experience as SPR**

I moved to UK in 2004 to take up Masters in Orthopaedic Surgery (MCH Orthopaedics) at University of Dundee. During the course of the one year Master's degree program, I had the opportunity to attend teaching sessions presided by various eminent and experienced Orthopaedic Surgeons in the UK and also attended consultant clinics and theatres which gave me the insight into the practices of UK health care system. I had the opportunity to observe the Orthopaedic Consultants in the theatres at Ninewells Hospital, Dundee. I submitted a dissertation to the University for the Completion of the course and the same was submitted and published in Journal of Foot and Ankle International. I successfully completed my MCH Orthopaedics course and went back home briefly and came back later to join as an observer in Warrington general hospital, Warrington, Cheshire, UK. I completed PLAB examination during this period to enable me to start work in the UK and join NHS. My first NHS work was as a locum SHO at Ninewells hospital and the job was created to assist a consultant to clear the long waiting lists of elective surgeries. I had the opportunity to work under a consultant specialised in lower limb and assisted him in knee and hip arthroplasty surgeries and arthroscopies.

I got my first substantive SHO job at Warrington General Hospital in 2007. I gained experience in examining, treating and managing patients as per NHS protocols and guidelines during this placement. I gained experience in the care of the patients on wards-pre and post operatively. During those 6 months, I was working with Mr. Nikhil Pradhan who specialised in Lower limb and assisted him in knee and hip arthroplasty surgeries as and when required. I worked the following year as Wrightington hospital under a consultant specialised in Foot and Ankle Surgery and during that period, I continued to develop my surgical as well as patient management skills. I actively participated in audits and assisted in the research activities that were being carried out in the department at that time. I attended all the weekly teaching programs run by the trust. I worked for 6 months after that Whiston hospital as Senior SHO and this is where I started actively performing surgeries in trauma theatres under supervision and continued assisting elective joint replacement surgeries.

My first Specialist Registrar level job was at Ninewells Hospital, Dundee as LAT SPR in 2009. I worked for 6 months in that role and I started performing Total Knee Replacement and Arthroscopic Surgeries. I was fortunate to have Prof. David Rowley and Mr. Edward Scullion as my supervising consultants. I learnt the skills of performing the knee and hip arthroplasty surgeries from Prof. Rowley who is a pioneer in the field and I learnt the basics of upper limb arthroplasty and hand surgeries from Mr. Scullion. This initial experience I gained as SPR working under very experienced surgeons who believed in training juniors formed a basis for a confident career progression for me from then on.

I worked for 3 months in Royal Bolton Hospital under Mr. A.A Henderson who specialised in foot and ankle surgery. I had the opportunity to enhance my surgical skills in that area during that period and at the same time built my confidence to work under varying work environments. From Dec 2009, I worked at Arrowe Park Hospital, Wirral for 14 months under Mr. Parkinson and Mr. Harvey specialised in Lower Limb. I gained experience of performing and assisting more arthroscopic procedures both diagnostic and therapeutic at this hospital and I continued to develop my surgical skills, all the while improving my logbook and maintaining competency assessments.

In March 2011, I took up a 6 months SPR job at the Royal Manchester Children's Hospital. This job gave me the chance to develop my surgical skills in the field of paediatric trauma and elective surgeries. This job also gave the experience at dealing with sensitive issues related to patient care especially with young and vulnerable patients.

I worked at Whiston Hospital as LAS Specialist Registrar from August 2011 to July 2014. During the 3 years, I worked there, I worked under two consultants Mr. Khalid and Mr. Attar; both of them specialised in lower limb for 2 ½ years and 6 months under Mr. Sylvester who specialised in Upper limb. In the span of these 3 years, I have performed many knee and hip arthroplasty and arthroscopic surgeries either on my own or under minimal supervision. I learnt new surgical techniques and improved the ones that I already have and I was confidently left to manage the entire theatre trauma or elective lists on my own with assistance from junior doctors and managed fracture and elective clinics as when required. I confidently managed weekend trauma theatre lists when on call on my own and was always available to juniors as and when they required assistance. I continued audit and research activities and actively participated in the teaching programs arranged by the trust. I maintained the logbook as per ISCP guidelines and have completed 3 GMC appraisals and one 360-degree assessment from colleagues and juniors. I maintained healthy relationships with my colleagues, juniors, seniors, nursing and paramedical staff.

All throughout my career in the UK, I have attended every morning trauma meetings, weekly radiology meetings and weekly deanery teachings and I fully understand the importance of these in maintaining the high levels of standards

of patient care. After having gained extensive experience in various fields of Orthopaedics, I can confidently perform surgeries on my own and I am now focused on enhancing my expertise in Lower Limb Arthroplasty/ Trauma and I am keen to participate in a fellowship program that will give me such opportunity. I have been doing fellowship in primary lower limb arthroplasty under Mr Chan at Tameside General Hospital since September 2014.

## Career Summary

Sep 2014-Oct 2014	Locum SPR Lewisham General Hospital Lower limb trauma & Arthroplasty Mr. Aria Daneshfar
July 2014-Aug 2014	Locum SPR West Wales General Hospital Trauma & Orthopaedics
Jan 2014-July 2014	LAS SPR Whiston Hospital Upper limb trauma, hand surgery, upper limb arthroplasty Mr. Bernard Sylvester
Jan 2013-Jan 2014	LAS SPR Whiston Hospital Lower limb trauma, lower limb arthroplasty, knee sport injuries Mr. Fahad G Attar
Aug 2011-Jan 2013	LAS SPR Whiston Hospital Lower limb trauma, lower limb arthroplasty Mr. Sharif Khalid
Mar 2011-Aug 2011	LAS SPR Royal Manchester Children's Hospital Paediatrics trauma, elective paediatrics Mr. Andrew Henry
Feb 2011-Mar 2011	LAS SPR Whiston Hospital Upper limb trauma, hand surgery, upper limb arthroplasty Mr. Pidikiti Prasad
Dec 2009-Feb 2011	LAS SPR Arrowpark Hospital Lower limb arthroplasty, knee arthroplasty and sports injuries Mr. R A Harvey, Mr. Richard Parkinson
Aug 2009-Nov2009	LAS SPR Royal Bolton Hospital Foot and ankle, ankle sport injuries Mr. A A Henderson
Feb 2009-Aug 2009	LAT SPR (ST3 Level) Ninewells Hospital Lower limb arthroplasty, Prof. D I Rowley Hand surgery, upper limb arthroplasty, Mr. Edward Scullion
Aug 2008-Feb 2009	Clinical Fellow (Senior SHO) Mr. Gowtham Chowdary Kankanala CV

Whiston Hospital  
Upper limb, Mr. Pidikiti Prasad  
Lower limb, Mr. Jago

Dev 2007-Aug 2008      Clinical Fellow  
Royal Albert Edward Infirmary  
Foot and ankle, Mr. Timothy Clough  
Lower Limb, Mr. Robert Smith

Aug 2007-Nov 2007      SHO  
Manchester Royal Infirmary  
Lower limb, Mr. Richard Samarji

Feb 2007-Jul 2007      SHO  
Warrington General Hospital  
Knee arthroplasty, Mr. Grahame. Stewart  
Hip arthroplasty, Mr. Nikhil. Pradhan

Sep 2006-Jan 2007      SHO  
Ninewells Hospital  
Hip & knee arthroplasty, Mr. Sudhir Reddy

Jul 2006-Aug 2006      Honorary Clinical Observer  
Warrington General Hospital  
Hip and knee arthroplasty, Mr. Nikhil Pradhan

Apr 2006-June2006      Honorary Clinical Observer  
Ninewells Hospital, Dundee  
Foot and ankle, amputations, Mr. Amar Singh Jain

Jun 2005-Mar 2006      Consultant in Trauma & Orthopaedics  
BIRRD Hospital, Tirupathi, India  
Spinal trauma and elective, Prof. Jagadesh Gudar

Sep 2004-May 2005      MCH Orthopaedics  
Ninewells Hospital, Dundee

Dec 2002-Aug 2004      Junior Consultant in Trauma & Orthopaedics  
BIRRD Hospital, Tirupathi, India  
Paediatric orthopaedics, Prof. Jagadesh Gudar

Dec 2001-Nov 2002      Registrar  
Vijaya Institute of Trauma and Orthopaedics, Chennai, India  
Lower limb arthroplasty, Dr. Rajashekar Reddy

Aug 1998-Nov 2001      Postgraduate Trainee in Orthopaedics  
Shri B M Patil BLDEA'S Medical College and Hospital, India  
Prof. K Veerappa

Aug 1997-Jul 1998      Tutor in Anatomy  
Shri B M Patil BLDEA'S Medical College and Hospital, India  
Dr. M Chandramohan

Mar 1996-Mar 1997      House Officer  
Guntur Medical College, Guntur, India  
General surgical and medical, rotations

## Professional Memberships

2015	Irish Medical Council, Republic of Ireland.
2006	PLAB, Membership of GMC, UK
2006	AO Alumni Membership, AO Foundation, Davos, Switzerland

## Medical Education and Teaching Experience

2011	Prepared teaching videos for Total Knee replacement (Trivector, Bordercut & Subvastus) approaches, ACL reconstruction & Charnley's total hip replacement under Mr. Parkinson at Arrowepark Hospital in January 2011
2010	Prepared three posters to be displayed in Department of Orthopaedics at Whiston Hospital on: <i>Gardens Classification of Intra-Capsular Fracture Neck of Femur; Salter – Harris Classification of Epiphyseal Injuries; Open Fractures - Gustilo- Anderson Classification</i>
2008	Presentation on <i>Slipped Capital Femoral Epiphysis</i> on 8th December 2008 at Whiston hospital, Prescot.
2007	<i>Anatomy of Hip Joint</i> - Darlington Memorial Hospital
2007	<i>Presentation on DeQuervain's Disease and other sites of extensor tenosynovitis</i> – Regional SPR Teaching Programme, Warrington General Hospital in June 2007

## Podium Presentations

### International:

- “A novel controlled technique for closed reduction of dislocated hip hemiarthroplasty, bipolar and total hip replacement with the use of fracture traction table” at the 3rd Euro-Global Experts Meeting on Medical Case Reports, Valencia, Spain June 2016
- “A Retrospective study of Correlation of Preoperative Ultrasound finding with the Postoperative Histopathology findings in the diagnosis of Morton's interdigital neuroma” - Study of 48 cases. EFORT Congress, Lisbon, June 2005
- *National Survey of Pre-operative Templating for Total Hip Replacement (THR)* - Abstract accepted for presentation at Golden Jubilee Congress of Asia Pacific Orthopaedic Association 2012 at New Delhi in October 2012

### Regional:

- Presentation on *Cerebral palsy management* in CME programme held in BIRRD hospital, Tirupathi, India, May 2004
- Presentation on *Management of femoral diaphyseal fractures with interlocking intra medullary nailing* at continuing medical education programme held in Vijaya health center, Chennai, India, September 2002

### Poster Presentations:

- “National survey of pre-operative templating for total hip replacement” – Presented at APOA 2012 golden jubilee conference of the Asia pacific orthopaedic association held in New Delhi, India, Oct 3 to 6, 2012
- “Cemented Vs Uncemented Thompson's hip hemiarthroplasty prosthesis – Comparison of postoperative morbidity and mortality”- Presented at the 6th SICOT/SIROT AIC held in Pattaya, Thailand from 29 Oct to 01 Nov 2009
- “The assessment and management of patients falling in hospital sustaining neck of femur fractures” - Presented at the 6th SICOT/SIROT AIC held in Pattaya, Thailand from 29 Oct to 01 Nov 2009



- “A Retrospective study of Correlation of Preoperative Ultrasound finding with the Postoperative Histopathology findings in the diagnosis of Morton’s interdigital neuroma”- Scottish Orthopaedic Society, Dundee, May 2005

## Audits and clinical governance

- **Current Audits:**
- *Risk factors for 90 days TKR re-admission in Whiston Hospital*
- *“Long-term term experience of using PFC Sigma Rotating Platforms for Total Knee Arthroplasty”*
- NJR Audit for Primary Hip and Knee Replacements May 2014 to March 2015 – ‘How well are the Surgeons completing the NJR forms?’ – Tameside General Hospital, May 2015
- Re-auditing to close the loop - Review of complications in distal radius fractures after closed reduction and plaster cast application- Jan 2012
- *Lower limb joint replacement. What? An audit of the hospital stay* – Presented at Arrowepark Hospital in January 2011
- *Review of complications in distal radius fractures after closed reduction and plaster cast application* – Presented at Arrowepark Hospital in September 2010
- *“The assessment and management of patients falling in hospital sustaining neck of femur fractures”* - Presented at Royal Bolton Hospital in September 2009
- *Cemented vs Uncemented Thompson’s hip hemiarthroplasty prosthesis* - comparison of postoperative morbidity and mortality. Presented on 17<sup>th</sup> February 2009 at Whiston Hospital, Prescot
- *Revision THR – Indications and Complications* presented on 9th December 2008 at Whiston Hospital, Prescot
- *“Adequacy of documentation following THR – A need for dislocated THR pathway”*, Warrington general hospital, October 2007
- *“Value of Ultrasonography in the diagnosis of Morton’s interdigital neuroma”*- Ninewells hospital, April 2005.

## Publications

- Research article on ‘*The Operational Characteristics of Ultrasonography for the Diagnosis of Plantar Intermetatarsal Neuroma*’ published in Journal of Foot and Ankle Surgery, July 2007, Vol. 46, Issue 4, Pages-213-217. **Mr. Gowtham Kankanala. Mr. Amar Singh Jain**
- *Cemented vs Uncemented Thompson’s hip hemiarthroplasty prosthesis* - comparison of postoperative morbidity and mortality. Presented on 17<sup>th</sup> February 2009 at Whiston Hospital, Prescot **Published in The Journal of Orthopaedics, Trauma and Rehabilitation**

## Dissertations

- “A Retrospective study of Correlation of Preoperative Ultrasound finding with the Postoperative Histopathology findings in the diagnosis of Morton’s interdigital neuroma” - Study of 48 cases. This dissertation was submitted for the completion of MCH Orthopaedics Examination, University of Dundee, Dundee, UK. **Mr. Gowtham Kankanala, Mr. Amar Singh Jain**
- “A Prospective Study of Management of femoral diaphyseal fractures with interlocking intra medullary nailing” A dissertation submitted for the completion of M.S. Orthopaedics Examination held by The Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka, India. **Dr. Gowtham Kankanala, Prof. Veerappa. K**

## Current Research Projects

- *Templating in Total Hip Replacement* – A survey of consultants in United Kingdom
- “Orthopaedic guide for overseas doctors” – First book, in process
- Prospective audit on Meniscal transplant
- Audit on Rotating Platform Total Knee Replacement
- Is there any difference in infection rate in knee & hip arthroplasty with or without hoods.

## References

1. Mr. Francis, Yu-sing Chan  
Consultant Orthopaedic Surgeon,  
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*Thank You*