

# CURRICULUM VITAE

## **Vikram V. Desai**

M.B.;B.S., MS(Orth) DNB (Orth), FRCS(Orth), Mch.(Orth), FRCS (ENG)

Consultant Orthopaedic Surgeon  
The King's Mill Centre for Health Care Services  
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&

Clinical Tutor  
University of Nottingham

**NAME** : VIKRAM V DESAI

**DATE OF BIRTH** : 15th January 1965.

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**GMC** : Full Registration number - 4147686  
Included in the specialist register. June 2000.

**MDU number** : 392709 F

**QUALIFICATIONS** : **M.B.;B.S.** - Grant College, Bombay, India.  
1986. **DISTINCTION** in ANATOMY.

**MS (ORTH)** - Grant Medical College and Sir  
J.J. Group of Hospitals, Bombay, India. 1991.

**DNB (ORTH)** - National Board of Examinations.  
India. 1997.

**FRCS (ORTH)** - Intercollegiate Speciality Board  
Edinburgh. 1997, exempt from part 1, & part II.

**MCh (ORTH)** - University of Liverpool. 1997.

**PRESENT POST** : Consultant Orthopaedic Surgeon  
Since 1<sup>st</sup> June 2000  
King's Mill Hospital, Sutton-in-Ashfield,  
Nottinghamshire, NG17 4JL

**ACADEMIC AWARDS** : 1) Distinction in Anatomy in MBBS 1982.

2) Postgraduate Merit Scholarship.  
Bombay University. 1982-1987

3) Norah Walker Prize for Radiology at  
MCh. (Orth) Examination, Liverpool  
University 1997

4) First Prize for Best Basic Science Paper  
at the Annual Registrar's Presentation.  
Bristol. 1998.

**MEMBERSHIP OF  
LEARNED SOCIETIES**

- 1) Life member Bombay Orthopaedic Association.
- 2) Life member of MCh Orthian society
- 3) Fellow of British Orthopaedic Association.
- 4) Fellow of the British Association of Knee Surgeons (BASK)

**EDUCATIONAL & PROFESSIONAL ROLES**

**Present**

1. Tutor of Nottingham University Faculty of Medicine
2. Medical Student Examiner
3. Post-Graduate Trainer
4. ATLS (Advanced Trauma Life Support) Instructor
5. Certified Appraiser
6. Certified Case Investigator
7. FRCS Orthopaedics Examiner
8. Royal College Representative on Consultant Appointment Committee

**Past**

1. Service Director – Trauma and Orthopaedics
2. Clinical Governance Lead – T&O

## **RESEARCH**

### **THESIS**

1. 'Camp Approach to Management of Poliomyelitis of Lower Limb'.  
V. Desai Thesis for MS (Orth) 1990.
2. 'The Fractured Scaphoid - A Study of 151 Acute Fractures and A Comparison of Fracture Classifications'.  
V. Desai Thesis for MCh. Orthopaedics - University of Liverpool.  
Nov. 1997.

## **PUBLICATIONS**

### **ABSTRACTS**

1. 'Hallux Rigidus - A Case Against Joint Destruction'.  
V. Desai, G Zafiroopoulos, J Dias, APJ Henry. Journal of Bone and Joint Surgery. 76 B Sup II and III Nov. 1992
2. 'Polyethylene Wear in the St. Georg Sled'  
V. Desai, J.H. Newman. Journal of Bone and Joint Surgery. 84B Sup II, Sept 1999.
3. 'Progression of Arthritis following patello-femoral replacement'  
S. Khan, V. Desai, J.H. Newman. Journal of Bone and Joint Surgery. 84B Sup II, Sept 1999.
4. Polyethylene Wear in the St. Georg Sled unicompartmental knee replacement'  
V. Desai, J.H. Newman. Journal of Mechanical Engineers. July 1999.
5. Resource utilisation & its outcome for a paediatric orthopaedic referral in a District General Hospital  
Dr D K Sharma, VV Desai, P J Livesley

### **POSTER PUBLICATIONS**

1. "The use of serial Hyalgan injections for knee osteo-arthritis"  
Malkin Meeting, 25<sup>th</sup> June 2010 – Queen's Medical Centre, Nottingham
2. 'Case report: Postpartum Avascular necrosis of the femoral head"

P. Sen, S Mukhopadhyay, S. J. Ward, A. Pace, and V Desai

3. 'Golden Patient – A Highly Effective Method to Improve Trauma Theatre Efficiency' Saggah Shalabi, V Desai – EFORT Congress - Prague – 29<sup>th</sup> May 2015

## PAPERS

1. 'Acute Fractures of the Scaphoid : Treatment by Cast Immobilisation with the wrist joint in Flexion or Extension?'.  
J.E. Hambidge, VV. Desai, TRC Davis, PJ Schranz, JP Compson, NJ Barton. J. Bone and Joint Surgery 81 [B] 199 ; 91-92
2. 'Validity of Classification Systems and Predictability of outcome of Acute Fractures of the Scaphoid'  
VV Desai, TRC Davis, NJ Barton.  
J. Hand Surgery 68 (British and European) 1999 Nov.(4) 138-40
3. 'Carbon Fibre Pad for Articular Cartilage Defect : A Report of Histology at time of Revision'  
VV Desai, JH Newman. The Knee 6, no. 4 Nov. 1999, 229-233.
4. 'Arthroscopic Resection of Degenerate Meniscal Tears - Is it Useful'.  
VV Desai, CE Ackroyd. The Knee 7, no. 3 Sept. 2000.
5. 'Topical Anaesthesia to Reduce Pain Associated with Carpal Tunnel Surgery'  
T. M. Lawrence, VV Desai. Journal of Hand Surgery (British and European Volume, 2002) 27B: 5: 462-464.
6. 'Dystrophic Calcification in the Heel Pad, a case report'.  
A. Tambe, VVDesai. The Foot
7. 'Polyethylene Wear in a Non-congruous Unicompartmental Knee Replacement : A Retrieval Analysis'.  
Ashraf T, Newman J, Desai VV, Beard D, Nevalis J  
Knee June 2004; 11(3) 177-81
8. 'Avascular necrosis of the femoral head associated with pregnancy'  
P. Sen, S. Mukhopadhyay, V Desai. Journal of Obstetrics – 12<sup>th</sup> April 2006
9. The use of a tantalum-based Augmentation Patella in patients with a previous patellectomy : Y.Kwong, V. V. Desai – The Knee, Volume 15, issue 2 – March 2008, PG 91.

10. 'Healing of Arthroscopic Portals: A randomized trial comparing three methods of portal closure"  
Acta Orthop. Belg., 2006, 72, 583-586  
Manoj Sikand, Adeb Murtaza, Vikram V. Desai.
11. Case Report : 'Acute Scoliosis in a Three Year Old Boy' -  
BMJ 2012  
Rishi Malhotra, Raghav Murali-Ganesh, Colin Dunkly, Vikram Desai
12. 'One Year Results of The Total or Partial Knee Arthroplasty Trial –  
BASK 2015 – Topkat Study Group

### **ARTICLE**

7. 'The Anterior Cruciate Ligament' – BIDA Journal  
April 2010

### **PRESENTATIONS**

1. The use of a tantalum-based Augmentation Patella in patients with a previous patellectomy – The BASK Annual Meeting – Bournemouth-April 2008.
2. Used lavage fluid in Total Knee Replacement: A possible source of infection – V Desai, M Gale – 35<sup>th</sup> Malkin meeting – July 2009
3. Patellofemoral Joint Replacement, Patient Satisfaction and Radiological Predictors of Outcome: A Non-Manufacturer Report – 2009 Knee Society Meeting – Boston - USA - October 2009
4. Avascular Necrosis of the Patella – a case series – Malkin meeting – July 2011
5. Case Study Positive impact of using text messages to review joint replacement patients - Outpatient Services 2016 – Manchester – November 2016

### **INVITED LECTURE/ FACULTY**

1. Trauma & Sports Injuries Conference (Lower limb) Presentation on: Patello-femoral joint – The Derbyshire Hotel, South Normanton – April 2008
2. Principals of Knee Replacement.  
Two Presentations on: (1) Surgical Approaches (2) Medial Release – Crowne Plaza Hotel, Nottingham – October 2008
3. Presentation on: Recurrent dislocations of the Patella – Loughborough – April 2010
4. Basic Arthroplasty Course. Presentation on: Surgical Approaches – Derby – October 2010
5. Chairman – Oxford Users Group, Nottingham – July 2009
6. GP training course – Basic Injection course – October 2011
7. PLT Event – Shoulder Hip & Knee – May 2012
8. Course for Physiotherapists – Soft Tissue Knee Module – Derby City Hospital - 10<sup>th</sup> November 2012
9. GP Teaching Evening – The Knee: Common Conditions – Nottingham Road Clinic – 15<sup>th</sup> November 2012
10. WIROC 2012 – Mumbai, India – 28<sup>th</sup> – 30<sup>th</sup> December 2012
11. Joint Injection teaching session for GP's – Millview Surgery, Mansfield – 28<sup>th</sup> January 2013
12. Course for Physiotherapists – Soft Tissue Knee Module – Derby City Hospital – 20<sup>th</sup> April 2013
13. WIROC 2014 – Mumbai, India – 26<sup>th</sup> – 28<sup>th</sup> December 2014
14. GP event by BMI Park Hospital, Nottingham - Ramsdale Park Golf Club - Hip Consultation – 17<sup>th</sup> March 2017

### **AUDITS**

I am actively involved with Audit and Clinical Governance in the hospital. I am involved in protocol designing and formulating policies for treatment and management of various conditions.

I represent the Orthopaedic Division on various committees in the hospital.

1. Post Operative Infection Audit - carried out at St. George's Hospital, Bombay, India.  
Operations related to trauma carried an infection rate of @ 10%. We looked into the factors around these patients in order to assess the potential causes of this unacceptable incidence. We made recommendations regarding antibiotic prophylaxis, wound management and nursing factors. This led to a drop in the infection rate from around 10% to 1% by improving theatre techniques and post-operative management on the ward.
2. I was part of the group involved in studying the effect of per-operative hemodilution and auto-transfusion in Orthopaedic patients which led the technique to become a standard practice and hence led to a reduction in the need for post-operative homologous blood transfusion (India).
3. During my time as a registrar I was involved in DVT prophylaxis audit. In a department of six consultants each had a different regime. We assessed our DVT rates for one year, looked at present practice and compared it with literature recommendations. Our DVT rates were comparable however there was no consistency in the protocol. This led to formation of protocols for the orthopaedic department as regards elective surgery.
4. Time of Administration of antibiotics and time to surgery in open tibial fractures - presented at the departmental meeting in Hull. This has led to development of protocol of fast tracking patients with open fractures.
5. At Cheltenham General Hospital, I have been actively involved in bi-monthly Mortality and Morbidity audit. This involved a retrospective review of individual case management with a view to learn lessons and suggest improvements for the future.
6. I have completed an audit of Outcome of patients with a fractured neck of femur treated by Austin Moore Hemi-arthroplasty. This was presented at the audit meeting in February 2000.
7. Audit on the use of Hetrologous Blood Transfusion in Primary Joint Replacement. This audit has lead to altering our MBOS (Blood Ordering Schedule) and ahs resulted in a significant lowering of use of banked blood after primary joint replacement surgery. This project has been used as benchmarking for other departments in the hospital.

## **OTHER INTERESTS AND AFFILIATIONS**

1. Hospital representative for BIDA (British International Doctors Association).



## **CAREER**

I am a Consultant Orthopaedic Surgeon at Kings Mill Hospital since June 2000. I trained on the Nottingham Trent Training Programme and went on to undertake a Knee Fellowship in Bristol for super specialisation on knee surgery including arthroplasty work and soft tissue reconstruction.

I undertake patello-femoral replacements. I am also referred cases for ACL reconstruction and unicompartamental replacements from my colleagues. I maintain my own database on these patients and prospectively undertake scoring of these patients.

I have also been involved as:

- Service Director from 2004 – 2007
- Clinical Governance Leader for Trauma & Orthopaedics from 2009 to date
- Appraiser from 2009 to date

My Educational role comprises of :

- Educational & Clinical Supervisor for F1/F2 & CT/ST – minimum of 3 doctors per year
- Registrar Trainee for Trauma & Orthopaedics
- Invited faculty for various courses

## **TRAINING**

- Post traumatic limb reconstruction – Northern General Hospital – Sheffield - 1993
- Stanmore Spinal Injuries Course – Derbyshire Royal Infirmary – 1993
- AO Basic course – Nottingham University Hospital – September 1993
- ATLS - Basic Course on Ilizarov Methods Stanmore Spinal Injuries Course - 1995
- AO Advanced Course for Surgeons, Joint Arthroplasty Course – Queens Medical Centre, Nottingham – September 1994
- 9<sup>th</sup> Congress of the European Society for Surgery of shoulder & elbow – Nottingham – October 1996

- International Knee Symposium – Nottingham City Hospital – October 1996
- Basic Science Course in Orthopaedics – University of Leicester – October 1996
- International Knee Symposium, Barcelona, September 1998
- Oxford Unicompartmental Knee Advanced Course, Nuffield Orthopaedic Centre, December 1998
- Unicompartmental arthritis and its Treatment – Bristol, May 2000
- Contemporary issues in revision total knee replacements – Cannes – May 2001
- 4<sup>th</sup> Warwick Hip Resurfacing Meeting – September 2001
- Appraisal, Career Guidance & Personal Counselling Skills – Nottinghamshire – March 2002
- The 5<sup>th</sup> Bristol Unicompartmental Arthritis Meeting – May 2002
- Appointments process & procedure course – University of Leicester – May 2002
- Equal opportunities awareness course – University of Leicester – May 2002
- Advanced Trauma Life Support (ATLS) course – September 2002.
- Wexham Park Cruciate Meeting – November 2002
- Western India Regional Orthopaedic Conference – 2002
- Innovations in Total Hip & Total Knee Arthroplasty – Interlaken, Switzerland – February 2003
- Bask Spring Meeting – April 2003
- Edinburgh Knee Arthroplasty Course, May 2003
- Educational Supervision – University of Nottingham – October 2003
- Career Guidance – University of Nottingham – December 2003
- American Academy Of Orthopaedic Surgeons – 71<sup>st</sup> Annual Meeting – San Francisco, USA – March 2004

- The Seventh Biomet Europe Trauma & Biomaterials Symposium, Switzerland – January 2005
- Stryker: High Performance Knee – Seville, Spain – May 2005
- Advanced Trauma Life Support Instructor, (ATLS) – Sheffield – June 2005
- Basic life support training – Resuscitation department, Kings Mill Hospital – December 2005
- AIOD International Trauma Symposium – Athens, Greece – March 2006
- Foundation Programme Assessment Process Training Day, King's Mill Hospital - Competency achieved in Mini-Cex, Mini-Pat, CBD + DOPS – May 2006
- International Symposium on Issues in Revision Knee Arthroplasty (Biomet) - Prague – October 2006.
- Biological implications of Metal-on-Metal Articulations – Bristol Marriott Hotel – November 2006
- International Symposium on Revision Arthroplasty – MP Reconstruction Prosthesis System – Endo-Model Rotational Knee System – Hamburg - November 2006.
- Royal College of Surgeons of Edinburgh – Basic Surgical Skills Course – Queen's Medical Centre, Nottingham – December 2006
- International Symposium on current topics in Primary Knee Arthroplasty – Marbella, Spain – June 2007
- Stryker – European Knee Meeting – Munich – April 2008
- Oxford Partial Knee Advanced Instructional Course – Keble College, Oxford – July 2008
- Vienna Primary and Revision Knee Course – Vienna - October 2008
- Teaching course on ATLS 8<sup>th</sup> Edition up-date – June 2009.
- Chairman of Oxford Users Group – Wednesday 1<sup>st</sup> July 2009
- Clinical Educational Supervision Course – King's Mill Hospital - September 2009
- Finsbury Knee Meeting – Crowne Plaza Prague Castle, Prague – September 2009

- BASK Annual Meeting – Oxford University Examination Schools – March 2010
- Continuing professional development – reducing risk in patients with COPD – new strategies – Nottingham – October 2010
- Basic life support course - King's Mill Hospital - November 2010.
- BASK Annual Meeting – City Hall, Cardiff - April 2011
- Clinical Leader Network – Leading large scale changes – Nottingham – June 2011
- Blended Appraisal – King's Mill Hospital – July 2011
- BOA/IOA Combined Meeting – Dublin – September 2011
- DePuy - Knee Portfolio Symposium – Madrid, Spain – October 2011
- Clinical governance training – Kings Mill Hospital – 11<sup>th</sup> October 2011
- 'Complete Knee' Advanced Course – Smith & Nephew Surgical Skills Centre - York – December 2011
- BASK Meeting – Derby – April 2012
- Advanced Trauma Life Support Teaching – Grimsby – April 2012
- Total Knee Replacement Live Surgery Webcast – Liverpool – May 2012
- Radial Extracorporeal Shockwave Therapy for orthopaedic indications – May 2012
- Advances in Total Knee Arthroplasty Instructional Course – Newcastle – June 2012
- Annual Conference of the Society for Molecular Biology & Evolution – Dublin, Ireland – June 2012
- Appraisal Update Course – Leicester – November 2012
- ICAS: ASI Approaches Hip Course – Austria – May 2013
- IOS (UK) – Huddersfield – June 2013
- Stability in Motion TKA Instructional Course – Kiel, Germany – November 2013

- Warwick Sports Knee Surgery – Burton-on-Trent – November 2013
- Appraisal Update Course – Kings Mill Hospital – January 2014 (My L2P learning package)
- BASK Meeting – Norfolk – April 2014
- Preparing your PDP & Reflecting on Practice Workshop – Kings Mill Hospital – May 2014
- All day Appraisal Update and Refresher Course at King’s Mill Hospital organized by MIAD – external course – 3<sup>rd</sup> July 2014
- International Hip Arthroplasty Meeting – Rome, Italy – September 2014
- Equality, Diversity and Interview Techniques Training Course – Royal College of Surgeons, London – 14<sup>th</sup> November 2014
- Training & Assessment in the Clinical Environment (TrACE) Course – Nottingham – 23<sup>rd</sup> February 2015
- BASK Meeting – Telford – March 2015
- East Midlands Conference: Using Surgical Outcomes & PROMS in Surgery and Sports Medicine – Nottingham – June 2015
- BOA Annual Congress – Liverpool – September 2015
- European Sports Orthopaedic Symposium – Malaga – June 2016
- BOA Annual Congress – Belfast - September 2016
- RCS - Joint Committee on Intercollegiate Examiner Induction Course - Edinburgh – March 2017
- BASK 2017 – Southport - March 2017