

CURRICULUM VITAE

Mr Hersh D Deo

MBBS MRCS MSc. FRCS (Tr&Orth)

PERSONAL DETAILS

Name	Mr Hersh Datta DEO
Date of birth	27 th June 1973
Age	39
Nationality	British
Email	hersh.deo@jpaget.nhs.uk
GMC	4313326 (Full)
MDU	304084J
CCT	Feb 2009
Specialist Register (T&O)	Feb 2009

EDUCATION

2001 - 2002	Imperial College, University of London
1991 - 1996	St George's Hospital Medical School, University of London
1984 - 1991	City of London School, London, EC1

QUALIFICATIONS

Nov 2011	ATLS Instructor
July 2009	PGCert. Orthopaedics, University of Brighton
Feb 2007	FRCS (Tr&Orth), Intercollegiate Specialty Board
Sept 2002	MSc., University of London Diploma of Imperial College
May 2000	MRCS, Royal College of Surgeons of Edinburgh
June 1996	MB BS, University of London

CURRENT POST

Jan 2012 – present

Consultant Orthopaedic Surgeon
Knee and hip surgery
James Paget University Hospital NHS Foundation
Trust, Norfolk

CAREER HISTORY

NHS CONSULTANT APPOINTMENTS

Oct 2011 – Dec 2011	Consultant Orthopaedic Surgeon (Locum) Hereford County Hospital NHS Trust Trauma, lower limb arthroplasty and arthroscopy
Nov 2010 – Aug 2011	Consultant Orthopaedic Surgeon (Locum) Barnet & Chase Farm Hospital NHS Trust, London Trauma, lower limb arthroplasty and arthroscopy
Jun 09 – Oct 10	Consultant Orthopaedic Surgeon (Locum) King's College Hospital NHS Foundation Trust, London Trauma, lower limb arthroplasty and arthroscopy

FELLOWSHIPS

Feb 09 – Jun 09	Lower limb arthroplasty Fellow Guy's Hospital, London Mr M Bankes / Mr D Nunn
Apr 08 – Feb 09	Lower Limb Arthroplasty Fellow/Clinical Lecturer Queen Elizabeth Hospital, Adelaide, Australia Dr P Lewis / Dr C Butcher
Jan 08 – Apr 08	Knee Fellow Guy's Hospital, London Mr P Earnshaw

HIGHER SURGICAL TRAINING

South-East Thames Rotation (LDN/024/620/N)

Oct 07 – Jan 08	Year 6 SpR William Harvey Hospital, Kent Mr H Zahn – Hip and Knee
Oct. 2006 – Oct. 2007	Year 5 SpR Guy's & St. Thomas' Hospital, London Mr F Norman-Taylor – Paediatrics Mr M Bankes / Mr D Nunn – Hip
Oct. 2005 – Oct. 2006	Year 4 SpR Frimley Park Hospital, Surrey Mr J Clasper / Ms A Ashbrooke - Upper limb / Hand Mr AMR Thomas – Spine
Oct. 2004 – Oct. 2005	Year 3 SpR King's College Hospital, London Mr M Wilkinson – Knee Mr P Li – Hip
Oct. 2003 – Oct. 2004	Year 2 SpR Queen Elizabeth Hospital, Woolwich Mr F Khan - Hip Mr M Eskander – Knee
Oct. 2002 – Oct. 2003	Year 1 SpR University Hospital Lewisham Mr O Lahoti – Paediatric / limb reconstruction Mr A Daneshfar - Hip and Knee

RESEARCH

Oct. 2001 – Oct. 2002

MSc. in Surgical Science Imperial College, London
Supervisor Dr E Draper Ph.D.

BASIC SURGICAL TRAINING

Oct.2000 – Oct 2001

LAS Registrar William Harvey Hospital /
Kent & Canterbury Hospital
Mr W Dunnett - Hand / General Orthopaedics
Mr L Louette - Foot & Ankle

Apr.2000-Oct.2000

S.H.O Kent & Canterbury Hospital
Trauma & Orthopaedics
Mr RG Wetherell – Hand

Oct.1999-Apr.2000

S.H.O University Hospital Birmingham
Neurosurgery
Prof G Cruikshank

Oct.1997-Oct.1999

S.H.O Bedford General Hospital, Basic Surgical Training
Mr RJ Foley - General Surgery
Mr TJ Hoare - ENT Surgery
Mr S Shankar - A & E Medicine
Mr R Rawlins - Trauma & Orthopaedics

Feb.1997-Aug.1997

P.R.H.O St. Hellier Hospital, Carshalton, Surrey
General Surgery / Trauma & Orthopaedics
Mr Chilvers / Mr R Field

Aug.1996-Feb.1997

P.R.H.O Princess Royal Hospital, Sussex
Medicine, Endocrinology and Haematology
Dr Wheatley / Dr Hill

CURRENT POST

I was appointed as a substantive Consultant Orthopaedic Surgeon at James Paget University Hospital NHS Foundation Trust, Norfolk in January 2012.

My subspecialist interests are knee and hip surgery, in which I have over 6 years of experience as an NHS Consultant in both a DGH and a large teaching hospital. I am able to offer the clinical and managerial experience which I have gained from these different services.

Currently, my elective work comprises of arthroscopic soft tissue knee reconstruction (ACL / MPFL / meniscal / cartilage) and primary, complex primary and revision knee and hip arthroplasty. Through implementation of personal innovations and effective communication within the multi-disciplinary team, my patients have a shorter length of stay, re-admission rate and infection rate compared to the national average (Dr Foster).

As a consultant in a Level 1 trauma centre, I have successfully managed many complex trauma cases over the past year including open fractures, paediatric trauma, peri-prosthetic fractures and the poly-traumatised patient.

My managerial and leadership skills have developed considerably. I am part of the length of stay committee, take an active interest in clinical coding and am involved with improving the accuracy of data submitted to the public domain via the business intelligence unit.

I have maintained an active role in teaching, audit and research, completing 4 audit projects and a peer review publication this year. I am an educational supervisor and an ATLS instructor.

Alongside my clinical skills, my communication and interpersonal skills have helped me to gain the respect of my multi-disciplinary team colleagues and patients.

SUB-SPECIALTY INTERESTS

Hip surgery

I use the posterior approach to the hip through which I can implant a variety of THR systems. I am able to provide a wide spectrum of hip surgery from arthroscopy to revision. I make full use of large head options in hip arthroplasty and I am familiar implanting hard on hard bearings for younger patients. For revisions, I perform cement in cement revisions where possible and use trabecular metal acetabular shells with or without augments. My stem of choice is a long stem, uncemented prostheses with the use of OSCAR or extended trochanteric osteotomy. I have an interest and extensive experience managing peri-prosthetic femoral fractures. I have been fully trained in arthroscopic hip surgery for young adult hip pain.

Knee surgery

In addition to regularly performing primary and revision knee arthroplasty, I am proficient implanting uni-compartment, patello-femoral joint replacement and computer-assisted TKR. My main interest lies with revision arthroplasty and I have been trained in extensile approaches and use of modern revision implants. I would like to develop my practice further to meet the predicted future demand. On the soft tissue side, I perform meniscectomy, ACL reconstruction, microfracture and meniscal repair. I am developing an interest in MPFL reconstruction for chronic patellar instability.

Trauma surgery

I am dedicated to providing the highest quality of trauma care via a consultant led service. As a Consultant in a Level 1 trauma centre, I have gained considerable experience of managing the poly-traumatised patient and have operated on complex cases such as intra-articular reconstructions, open fractures, peri-prosthetic fractures and paediatric trauma. I am able to confidently teach cases such as hip hemi-arthroplasty, DHS, IM nails, external fixation and ORIF of wrist and ankle fractures. I plan to develop a THR service for fractured neck of femur in physiologically young patients and a peri-prosthetic fracture service. ATLS has made me more confident in managing poly-trauma patients acutely and I have recently been nominated as an Instructor Candidate which I am keen to pursue.

FELLOWSHIP EXPERIENCE

Guy's Hospital NHS Foundation Trust, London (2009)

This fellowship was primarily an arthroplasty post working with Mr Bankes, Mr Earnshaw and Mr Nunn. Working with Mr Bankes, I gained experience in the treatment of young adult hip pathology. I was taught how to surgically manage complex conditions such as femoro-acetabular impingement, hip dysplasia, sickle cell disease of the hip. Under supervision, I gained experience with peri-acetabular osteotomy, shortening femoral osteotomy for DDH and with open dislocation and arthroscopic debridement of impingement lesions. With Mr Nunn and Mr Earnshaw I gained invaluable experience of revision arthroplasty for septic and aseptic loosening including extensile approaches and osteotomy to remove implants and cement. I was taught how to use uncemented, highly modular stems and trabecular metal shells and augments for complex arthroplasty cases and the use of reconstruction cages and "cage in cup" implants for pelvic discontinuity. I also had the opportunity to surgically manage peri-prosthetic fractures.

The Queen Elizabeth Hospital, Adelaide, Australia (2008-2009)

This was an Australian Orthopaedic Association accredited Fellowship in Adult Hip and Knee reconstruction. I performed 200 joint replacements including 20 revisions and performed and taught approximately 100 trauma cases. I worked with 4 surgeons giving me a broad exposure to new techniques and a wide range of implants. I independently operated on primary and complex primary cases and was taught the technical aspects of revision arthroplasty. I also learnt how to perform hip arthroscopy, gluteal tendon repair, unicompartment knee replacement and ACL reconstruction.

I was accorded the title of Clinical Lecturer by the University of Adelaide. This post involved weekly teaching and assessment of medical students in both small group and lecture based learning. I wrote a paper on cognitive decline following knee replacement which I presented at the Australian Orthopaedic Association meeting in Hobart and at the American Academy of Orthopaedic Surgeons in Las Vegas, which has been published in The Knee Journal this year. This post involved a wide variety of management and administrative duties including weekly rostering of the junior medical staff sessions, writing and managing the on-call rota, managing annual leave and liaison between consultants and junior staff.

HIGHER SURGICAL TRAINING

South-East Thames Rotation (LDN/024/620/N)

I have had a well-structured, broad training in Orthopaedic surgery which has covered specialities including Hand & Upper limb, Spine, Foot & Ankle, Paediatrics and Limb reconstruction as well as training in hip and knee arthroplasty and arthroscopy.

BASIC SURGICAL TRAINING

I completed a 2 year Basic Surgical training rotation which covered A&E, ENT, Trauma & Orthopaedics and General Surgery at SHO level. I was taught how to assess and manage common surgical conditions, including head, chest and abdominal injuries. During my neurosurgical placement, I was taught how to manage acute and chronically head injured patients. Consultant training in theatre included laminectomy, raising craniotomy flaps and debulking tumours using the operating microscope.

OVERSEAS ELECTIVE

As a medical student, I worked at the King Edward VII, a Government Hospital in Bombay. It was a general surgical unit where I gained insights into the management of surgical and trauma patients. The experience highlighted very clearly the differences between the national health systems of the UK and India.

RESEARCH EXPERIENCE

I graduated from Imperial College, London in 2002 with an MSc. in Surgical Science.

The 1 year, full- time course gave me a comprehensive overview of applied basic sciences in surgery. Lectures took place at The Hammersmith Hospital, where we were also taught computer skills, medical statistics and how to critically appraise papers.

The practical part of my thesis was based at The Royal Veterinary College in Hertfordshire. I designed and completed a biomechanical study looking at the compressive strength of osteochondral grafts used in mosaicplasty of the knee, using fresh sheep femoral condyles as a model. My study showed that osteochondral grafts harvested from non-weight bearing areas of the knee were weaker than grafts taken from weight bearing areas- a potential cause of graft failure. I have published and presented research throughout my career and was recently invited to give a podium presentation at the American Academy of Orthopaedic Surgeons annual Meeting, where I presented research from my Australian Fellowship regarding cognitive changes after knee replacement. This has been published in The Knee journal this year.

TEACHING EXPERIENCE

I have enthusiastically taught different groups throughout my career including medical students, nurses and junior colleagues. I am an accredited Educational Supervisor to my specialist registrar. I have attended courses such as Teaching the teachers, Training and assessment in Practice and MMC overview & assessment. The knowledge and skills I gained on these courses have made me a more effective teacher.

My teaching experience includes:

Lecture based

- Clinical Lecturer, University of Adelaide. This post involved weekly teaching and assessment of medical students in addition to my clinical commitments.
- ATLS Instructor
- Guy's Hospital Hip Course, 2010 (Faculty)

Small group / Examining

- FRCS(Orth) clinical and viva course (Faculty) 2009-11.
- FRACS(Orth) clinical and viva course (Faculty) 2008. I helped to organise and taught on this course held at the Royal Adelaide Hospital.
- Clinical tutor and Examiner for final MB GKT students and FY1 assessments

Future plans

In the future I hope to set up run a course for GP's teaching current concepts in Orthopaedics which would encourage open communication between primary and secondary carers.

MANAGEMENT EXPERIENCE

The theory learned from courses along with my clinical experience has made me more effective at managing junior colleagues and other members of the multi-disciplinary team. I am able to empathise, actively listen and effectively communicate with other board members to influence change. I have been involved with the following management positions:

Length of Stay committee, King's College Hospital - Multi-disciplinary board meetings to implement a reduction in length of stay for patients undergoing primary arthroplasty. Personal innovations include: re-defining patient expectations and improving information, oral thrombo-prophylaxis, peri-articular analgesic infiltration to encourage day 0 mobilisation, optimising post-op analgesia, use of cryocuffs, re-transfusion drains and a weekend physiotherapy service.

Quick Reference Guide for Clinical coding. At Guy's Hospital, I highlighted a wide variation in the coding of operations. My audit showed that 30% of procedures were coded inaccurately over a 3 month period. I developed a guide that aims to create uniformity in coding for procedures and to allow codes to be easily entered onto the EDL so that the appropriate revenue is generated.

South-East Thames BOTA Representative - attended BOTA management board meetings and disseminated relevant information to the trainees.

Mess Secretary, Bedford Hospital - organised social events such as the summer ball and juniors / consultants cricket match.

Mess President / BMA Rep, St. Helier Hospital - member of the hospital committee involved in liaison with the local BMA office mainly concerned with improving the living and working conditions of junior doctors.

Sports Officer, SGHMS - member of the Medical School committee concerned with day-to-day management issues and organising social events.

CURRENT AUDIT PROJECTS

Wound ooze after TKR, Chase Farm Hospital. This audit aims to improve patient safety by reducing risk of wound infection.

Staff perceptions of WHO Surgical Safety Checklist, Chase Farm Hospital. The aim is to ascertain how staff in theatres perceives the checklist, to try and increase its use.

AUDIT EXPERIENCE

Oral versus subcutaneous LMWH following TKR, King's College Hospital 2009.

The aim is to improve the patient journey, improve satisfaction and release nursing time needed to train patients in the use of injections at home. We reported a lower DVT and wound complication rate using Rivaroxaban. Patients in this group reported higher satisfaction and all patients who had injections would have preferred tablets.

A review of analgesia given after TKR, King's College Hospital 2009.

We found a wide variation in the prescription of post operative analgesia after TKR and suggested that sub optimal pain relief as a cause of delayed discharge. We highlighted that there is no "best practice" from governing bodies.

Audit of Clinical Coding, Guy's Hospital 2009.

I reviewed the billing for PCT's and operating lists at Guy's over a 3-month period. I found 30% of procedures were incorrectly coded which led to a loss of revenue. As a result, I developed a quick reference guide to make coding more accurate.

A review of waiting time for hip fracture surgery, Queen Elizabeth Hospital, Adelaide 2008.

I reviewed 180 hip fractures sustained over a 1 year period at The Queen Elizabeth Hospital in Adelaide. We found that only 10% of patients waited longer than 48 hours for surgery and most of these were for medical optimisation. This demonstrated that the waiting time for hip fracture surgery was within national guidelines.

Short-term outcome of navigated v non-navigated uncemented total knee replacements, Queen Elizabeth Hospital, Woolwich 2004

We followed up and scored 20 patients in each group. We found that navigated knee replacements had improved range of movement scores but that pain and functional outcome were similar. Our findings were presented at a regional meeting in June 2004.

Prescription of benzodiazepines in elderly orthopaedic patients: closing the loop, Kent & Canterbury Hospital 2001.

Benzodiazepine use is associated with hip fractures in the elderly. The first audit in 1999 highlighted the scale of benzodiazepine prescription in orthopaedic in-patients over 65. I initiated a teaching programme, which involved educating doctors and nurses about the adverse effects and alternative treatments for insomnia. The re-audit in 2001 demonstrated a significant reduction of benzodiazepine prescription. This audit demonstrated the effectiveness of education and was presented at the BGS in London and Annual Scientific Congress in Adelaide.

Record keeping of major trauma in A&E. Bedford Hospital 1998.

As a result of this audit we recommended the introduction of a register of attendance and a standardised protocol section based on ATLS guidelines.

PUBLICATIONS

Acute gluteal compartment syndrome: superior gluteal artery rupture following a low energy injury. A Smith, V Chitre, **H Deo** BMJ case reports 2012;doi:10.1136/bcr-2012-007710

The prevalence of Cognitive dysfunction after knee arthroplasty. **Deo H**, West G, Butcher C, Lewis P. The Knee 18 (2011)117-120

A comparative study of cognitive decline following navigated TKR, conventional TKR and THR. **Deo H**, West G, Butcher C, Lewis P. Journal of Bone and Joint Surgery [Br] 92-B:supp I, 198;2010

Patient satisfaction following day case arthroscopic ACL reconstruction. Sharma R, **Deo H**, Kabir C, Wilkinson M. Journal of One day Surgery. Volume 19, No.2, 51-53; 2009

Early complications of Birmingham Hip Resurfacing. **Deo H**, Housden P, Ricketts D. Journal of Bone and Joint Surgery [Br] 85-B:supp II, 158; 2003

Prescription of benzodiazepines in elderly Orthopaedic patients. **Deo H**, Batty G, Nizam I. Australian and NZ Journal of Surgery. 72; supp A99; 2002

Haematogenous spread of pulmonary Tuberculosis to a hemiarthroplasty of the hip. **Deo H**, Clare A, Khan F. Hip International Vol.14, No.4 2004

Long term follow up of silastic joint replacement of the first MTPJ. Singh S, Raja D, **Deo H**, Rowntree M. The Foot. 13:151-155; 2003

Consultants needed to reduce waiting lists. [Letter] Deo H, Hospital Doctor May 2002

Plan to create more medical student places is heading for trouble. [Letter] **Deo H**, British Medical Association News Mar.2002

Submitted papers

Bipolar patella tendon avulsion injury in a child. [case report] **Deo H**, Clasper J.
(Submitted to JPO)

PRESENTATIONS

The importance of getting coding right in foot & ankle surgery: an audit of our current practice. British Orthopaedic Foot & Ankle Society, 4th Nov 2009, Windsor, UK

A comparative study of cognitive decline after lower limb arthroplasty. Podium presentation American Academy of Orthopaedic Surgeons Annual Meeting, 25th Feb 2009, Las Vegas, USA

Cognitive changes after conventional knee and computer-assisted knee replacement. Australian Orthopaedic Association Congress, 14th October 2008, Hobart, Tasmania

Patient satisfaction after Day Case arthroscopic ACL reconstruction using hamstring graft. BASK, 23rd March 2006, Slough, UK and 9th EFORT Congress 1st June 2008, Nice, France.

The BiContact hip System in a DGH. The 3rd Annual BiContact Arthroplasty Symposium, 24th June 2004, Belfry, UK

Short-term outcome of navigated v non-navigated uncemented total knee replacements. St.Mary's Orthopaedic Club Meeting, 26th June 2004, Woolwich, UK

Long term follow up of silastic joint replacement of the first MTPJ. EFORT, June 2003, Helsinki, Finland.

Patient selection and the short-term complications of Birmingham Hip Resurfacing procedures in East Kent. BOA Annual Congress, 18th September 2002, Cardiff, UK

Benzodiazepine prescription in elderly Orthopaedic patients. Annual Scientific Congress, 12th May 2002, Adelaide, Australia.

AWARDS AND MERITS

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| 2008 | Depuy Fellowship Grant |
| 2008 | Finsbury Fellowship Grant |
| 2002 | Travelling Bursary, Royal College of Surgeons Edinburgh |
| 1984 | Mitchell Bursary, City of London School |

SOCIETY MEMBERSHIPS

Medical Defence Union
Royal College of Surgeons of Edinburgh
British Orthopaedic Association (16617)
British Orthopaedic Trainees Association
British Hip Society

COURSES ATTENDED

Continuous professional development (CPD) is, in my opinion, vital to achieve and maintain the highest quality of care. I have recently attended the following courses:

2012	<p>ATLS Faculty JPUH (May) and St. Mary's Hospital Isle of Wight (Nov)</p> <p>Soft tissue surgery for sports knee injuries, Dublin</p> <p>London Knee Meeting</p> <p>11th Wexham Park Cruciate Meeting</p> <p>Knee sports medicine Instructional course, Basel</p>
2011	<p>Advanced Trauma & Life Support, Guilford (IC to I)</p> <p>Richard Villar Advanced hip arthroscopy course, Guys wet lab, London</p> <p>Revision knee arthroplasty course, Newcastle</p> <p>Management of Peri-prosthetic fractures, Leeds</p> <p>Corail Course, Annecy</p>
2010	<p>Revision Knee Instructional course, Hamburg</p> <p>Advanced Trauma & Life Support Instructor Course, RCS</p>
2009	<p>American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, USA</p> <p>Oxford Partial knee Advanced Instructional course, Oxford</p> <p>London Hip Meeting, London</p> <p>Focus on rapid improvement in Orthopaedics, London</p> <p>Management for Consultants, King's College Hospital, London</p> <p>Advanced Trauma & Life Support, Royal Surrey County, Guilford (IC Status)</p> <p>Teaching the Teachers, King's College Hospital, London</p> <p>Managing Trainees in difficulty, King's College Hospital, London</p> <p>Training and assessment in Practice, King's College Hospital, London</p> <p>MMC overview and assessment Training, King's College Hospital, London</p>
2008	<p>Hip and Knee Navigation Course, Melbourne, Australia</p> <p>Corail Cadaver Course, Royal Adelaide Hospital, Australia</p>
2006	<p>Norfolk & Norwich FRCS Course</p> <p>Stanmore Basic Science Course</p> <p>Nottingham Hand Course</p> <p>Paediatric orthopaedics, Alder Hey</p>
2005	<p>Revision hip and knee arthroplasty courses (SE Thames)</p> <p>Orthofix External Fixation Course, Verona</p> <p>Current concepts in Peri-articular fractures, King's College, London</p> <p>Biomechanics & materials skills course, Finsbury Orthopaedics, Surrey</p>

PERSONAL INTERESTS

Cricket - I continue to play club cricket for King's College and Lewisham Hospital team. During my training, I organised and captained the annual SE Thames SpR's v Consultants cricket match. Whilst at medical School, I captained St.George's Hospital Cricket Club 1st XI. (United Hospitals Cup Winners 1993 – 1995)

British military fitness – I attend weekly training sessions.

Tennis - My L.T.A rating is 5.1. I play in the David Lloyd club league regularly.

Skiing - I took up skiing in Medical school and have been every year since. I enjoy skiing in Europe and especially Canada.

Golf – I am an enthusiastic amateur with a handicap of 21, which I am rectifying with lessons this year.

REFEREES

Mr H Ware FRCS(Tr&Orth)

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