



DR. RAJEEV VERMA

Chairman - Manipal Institute of Bone & Joints, Robotic Surgery & Sports Injuries

Qualification

MBBS | MS (Orthopaedics, Govt. Medical College, Patiala, Punjab) | SR (Trauma and Orthopaedics | MRCS (England) | Msc (Health Science and Practice-Orthopaedics)

Overview

Dr. Rajeev Verma is the best orthopaedics doctor in Delhi and currently serving as the Chairman - Manipal Institute of Bone & Joints at Manipal Hospitals, Dwarka, New Delhi. With over 20 years of extensive experience in the field, Dr. Verma has established himself as a leading expert in joint replacement surgeries, particularly knee and hip replacements, as well as sports injuries and arthroscopic procedures. His academic journey began with an MBBS and MS in Orthopaedics from Government Medical College, Patiala, Punjab, followed by advanced training and fellowships in the UK, including MRCS from England and an MSc in Health Science and Practice-Orthopaedics. Dr. Verma's professional career is marked by his commitment to excellence and innovation in orthopaedic surgery. He has performed over 4000 successful joint replacement surgeries, earning a reputation for his meticulous surgical techniques and patient-centric approach. His expertise extends to complex trauma and limb reconstruction procedures, making him a sought-after surgeon for challenging cases.

Dr. Verma's contributions to the field are not limited to clinical practice; he is also an active researcher and has published numerous papers in prestigious medical journals. His research interests include computer-assisted orthopaedic surgery, functional outcomes of pedicle screw placement, and the management of hip fractures in elderly patients. In addition to his clinical and research achievements, Dr. Verma is a respected educator and mentor. He has been involved in training orthopaedic trainees and has presented his work at various national and international conferences. His dedication to advancing orthopaedic education is evident in his involvement with professional organisations such as the Indian Orthopaedic Association and the Royal College of Surgeons, England. Dr. Verma's contributions to the field have been recognised with several awards and accolades, highlighting his impact on both patient care and the broader medical community. Dr. Verma's approach to patient care is characterised by compassion and a deep understanding of the individual needs of his patients. He believes in a holistic approach to treatment, emphasizing the importance of post-operative rehabilitation and lifestyle modifications to ensure long-term success. His ability to communicate complex medical information in an accessible manner has made him a trusted advisor to his patients, who appreciate his empathetic and supportive demeanour. Overall, Dr. Rajeev Verma's career is a testament to his dedication to improving the lives of his patients through advanced orthopaedic care. His expertise, combined with his commitment to education and research, positions him as a leader in the field of orthopaedics, making significant contributions to the advancement of joint replacement and orthopaedic surgery in India and beyond.

Fellowship & Membership

- Indian Orthopaedic Association (Life Member).
- Royal College of Surgeons, England.
- British Trauma Society.

Field of Expertise

- Primary and Revision Knee Replacement
- Primary and Revision Hip Replacement
- Sports Injuries and Arthroscopic Surgeries
- Robotic Orthopedic Surgeon

Languages Spoken

- English
- Hindi
- Punjabi

Awards & Achievements

- Won National Talent Search exam, conducted by Government of India and awarded bursary for undergraduate medical studies.

Talks & Publications

- Rajeev Verma, Alan S Rigby, CJ Shaw, A Mohsen. Hip fractures: Does age influence acute hospital stay, time delay to surgery, and acute care costs? *Orthopedics*. 2010 Mar 10:160-165.
- R Verma, S Krishan, K Haendlmayer, A Mohsen. Functional outcome of computer-assisted pedicle screw placement- A systematic review and meta-analysis of 23 studies including 5992 pedicle screws. *Eur Spine J*. 2010 Mar;19(3):370-5.
- P Monga, R Verma, VK Sharma. Closed reduction and external fixation of displaced fractures of the proximal humerus. *J Orthop Surg (Hong Kong)*. 2009 Aug;17(2):142-5.

- R Verma, R Seymour, M Hocking. Endovascular coil embolization of pseudoaneurysm of a branch of the anterior tibial artery following total knee replacement - a case report. *J Knee Surg.* 2009 Jul;22(3):269-71.
- Rajeev Verma, Alan S Rigby, CJ Shaw, A Mohsen. Acute care of hip fractures in centenarians - Do we need more resources? *Injury.* 2009 Apr 40(4):368-70.
- E Tayton, R Verma, B Higgins, H Gosal. A correlation of time to meniscal tears in anterior cruciate ligament deficiency: stratifying the risk of surgical delay. *Knee Surg Sports Traumatol Arthrosc.* 2009 Jan;17(1):30-4.
- Rajeev Verma, Kurt Haendlmayer, Roger Phillips, Amr Mohsen. A meta-synthesis and meta-analysis of the functional outcome of computer-assisted pedicle screw placement. Invited to write an article for the Finnish Journal of Trauma and Orthopaedics. *Suomen Ortopedia ja Traumatologia* 2008 Nov 31(2):162-67.
- R Verma, R Rambani, R Phillips, J Liu, A Mohsen. Computer-assisted orthopaedic surgical system (CAOSS) - A new way forward for orthopedic surgical training. Published in the *International Journal of Computer-assisted Radiology and Surgery (IJCARS)* 2008.
- Verma R. Anticoagulation management in hip fracture patients on warfarin. Letter to the editor in *Injury.* 2007 February; 38(2): 253.
- Verma R, Ashworth M.A. Innovative way of taking a bone graft from the femoral head. *The Annals of Royal College of Surgeons, England.* 2006 July; 88(4): 416.
- Monga P, Jagannath CS, Verma R, Sharma VK. Complete slipping of the capital femoral epiphysis after haematogenous osteomyelitis. *Canadian Journal of Surgery.* 2003 Feb; 46(1): 59-60.
- Chandra Rajesh, Verma Rajeev, Monga P. Asymptomatic intrapelvic migration of guide wire. *Indian Journal of*

Orthopaedics. 2003 Oct; 37(4):274-275.

- Verma R, Chandra R, Swamy MKS. Reconstruction of first metacarpal bone after traumatic amputation. Orthopaedics Today 2002; IV (2): 107-108.
- My project on the “Training and assessment of psychomotor skills using computer-assisted orthopaedic surgery system (CAOSS)” involves using a CAOSS system to be used as a training system.
- The system has a role in training the orthopaedic trainee in trajectory planning and implementation which forms a substantial part of current and future orthopaedic practice. The concept is based on the basic orthopedic principle where the placement of a surgical tool at a specific site within a region via a trajectory that is planned from X-ray-based 2D images and is governed by 3D anatomical constraints.
- Interlocking nailing of femoral diaphyseal fractures- A prospective study of 20 cases including critical analysis of complications with suggestions from our experience and submitted it as a dissertation for the award of MS (postgraduate) Degree.
- Computer-assisted orthopaedic training system for fracture fixation. R Rambani, R Verma, A Mohsen, R Phillips. Poster presentation at AAOS, 2010.
- Change in BMI after hind-foot arthrodesis- A retrospective review of prospectively collected data. R Verma, R Gardner, E Tayton, R Brown. Podium presentation at EFORT 2009.
- A correlation of time to meniscal tears in anterior cruciate ligament deficiency: stratifying the risk of surgical delay. R Verma, E Tayton, H Gosal. E-poster at EFORT, 2009.
- Acute care of hip fractures in centenarians - Do we need more resources? Rajeev Verma, Alan S Rigby, CJ Shaw, A Mohsen. E-poster at EFORT, 2009.
- Computer-assisted orthopaedic surgical system (CAOSS) - A

- new way forward for orthopaedic surgical training. R Verma, A Mohsen, R Phillips, et al. Oral and poster presentation at International Computer Assisted Radiology and Surgery meeting in Barcelona on 25-28 June 2008.
- Complete avulsion of flexor digitorum profundus tendon at the myotendinous junction with degloving and disarticulation. R Verma, G Gardner. Poster presentation at ESTES (European society of trauma and emergency surgery) in Budapest on 24-27 May 2008.
 - Hip fractures: Does age influence acute hospital stay, time delay to surgery, and acute care costs? Rajeev Verma, Alan S Rigby, CJ Shaw, A Mohsen. Podium presentation at British Trauma Society, Newcastle, 14 May 2009.
 - The unfulfilled promise – Meta-analysis of functional outcomes of pedicle screw insertion with the help of navigation. R Verma, K Haendlmayer, R Phillips, A Mohsen. Podium presentation at British Scoliosis Society on 26th Sept. 2008.
 - Change in BMI after mid-foot and hind-foot arthrodesis- A retrospective review of prospectively collected data. R Verma, R Gardner, E Tayton, R Brown. Podium presentation at British Orthopaedic Association on 17-19 Sept. 2008.
 - Computer-assisted orthopaedic surgery (CAOS) for pedicle screw placement – Systematic review of the literature. R Verma, M Akula, R Phillips, A Mohsen. At Computer Assisted Orthopaedic Society, UK in Glasgow as an oral presentation on 7-9 Feb 2008.
 - Systematic review & Critical Appraisal – Computer-assisted Orthopaedic Surgery in Total Hip & Knee replacement. M Akula, R Verma, A Mohsen. At CAOS UK in Glasgow as an oral presentation on 7-9 Feb 2008.
 - Does oral vitamin K given in A&E help expedite surgery in fracture neck of femur patients on warfarin for atrial fibrillation? R Verma, E Tayton, PC Birch. Presented as an oral paper at the

- British Trauma Society in Nottingham on 4-5 October 2007.
- Delay in surgery of patients on warfarin with fracture neck of femur. R Verma, E Tayton, PC Birch. Presented at Indian Orthopaedic Society annual meet at Liverpool on 26th June 2008.
 - Recurrent Giant cell tumour of lower end of femur-Excision of the distal end of femur and replacement with custom-made total knee prosthesis. R Verma, J Dixon. Presented at Annual South West Sarcoma study day at BRI education centre, Bristol on 6th October 2006.
 - Dr. Rajeev Verma in an authored article throws some focus onto the vulnerabilities of the elderly during this pandemic in Rediff.com. [Click Here](#)
 - Dr. Rajeev Verma in an informative article on the rise in injuries due to a fall in the elderly in THE PIONEER today. [Click Here](#)
 - Manipal Hospitals Delhi holds an Ortho & Joint Replacement Specialty OPD by Dr. Rajeev Verma In the city of Jammu carried in media. [Click Here](#)
 - Dr. Rajeev Verma says age alone does not lead to joint problems there are many lifestyle activities that weaken our bones in TIMES OF INDIA. [Click Here](#)
 - Dr. Rajeev Verma in a challenging surgery successfully treats four joints in a first-ever vascular necrosis patient in MEDGATE TODAY. [Click Here](#)
 - Dr. Rajeev Verma on Knows the signs and symptoms of the silent bone disease in Hindustan Times (Online) ahead of World Osteoporosis Day. [Click Here](#)
 - Dr. Rajeev Verma on Hormones and Rising Numbers on the Weighing Scale - How Women Build Muscle in Quint.[Click Here](#)
 - THE RIGHT DOSE Series: Dr. Rajeev Verma on "Strengthen Your Bones Against Osteoporosis While You Can".[Click Here](#)
 - Dr. Rajeev Verma on The effect of long COVID on joints and bone health in The Times of India (Digital) | Exclusive story.

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- Are you aware that simply taking calcium isn't sufficient for bone health? Listen to this insightful Aaj Tak interview.