

# **Resume brief**

**Dr. Manish Kumar Varshney** {MBBS, M.S. (Orth, AIIMS), DNB, MNAMS, MRCS (Glasgow)}

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## **EDUCATION:**

- MBBS from Maulana Azad Medical College in 2001 (1996-2001).
- M.S. (Orth) from All India institute of medical sciences (AIIMS) in Dec 2004 (Jan 2002-Dec 2004).
- DNB (Orth) from national academy of medical sciences in 2005.
- MNAMS (2006)
- MRCS (Glasgow) in 2007.

## **Other qualifications/certifications (Credentials):**

- Depuy Travelling fellowship Hong Kong 2014 – revision arthroplasty
- Orthopaedic trauma fellowship from Queen Elizabeth hospital, Hong Kong 2008.
- Robert Roaf IOA travelling fellowship for the year 2008-09.

## **SUMMARY OF SKILLS AND EXPERIENCE:**

Motivated, qualified, skilled Orthopaedic surgeon with core excellence in arthroplasty, arthroscopy and orthopaedic oncology. Additional high level training in trauma and paediatric orthopaedics.

Experience: 20 years.

## **Key skills:**

Arthroplasty (knee, hip, shoulder, elbow, ankle), arthroscopy (knee, shoulder, ankle), hand and plastic surgery, and tumor surgery. Additional training in trauma surgery, paediatric orthopaedics, deformity correction, general administration, research and audit.

## **Credits:**

- Three books in niche Orthopaedics. One textbook in orthopedics (2 volumes -2200 pages), one review of postgraduate orthopedic examination and one postgraduate orthopaedic exam preparatory manual. More than 30 *international (indexed) publications* in orthopedics. Reviewer for various indexed journals.

## **Work experience:**

- 2005 - 2008 at AIIMS as senior resident (teaching experience)
- 2008- 21<sup>st</sup> march 2009 as senior research associateship (AIIMS)
- 23<sup>rd</sup> March 2009 – 2<sup>nd</sup> Sep 2010 -\_Assistant Professor (Orthopaedics), Lady Hardinge Medical College and associated RML hospitals
- 11<sup>th</sup> October 2010 – 30<sup>th</sup> January 2016 – Senior consultant (AGM) arthroplasty and arthroscopy surgeon at Tata motors hospital, Jamshedpur.
- 1<sup>st</sup> Feb 2016 – till date – Senior Consultant and Assistant professor Orthopedics (since Sep 2024) , SMVDIME and associated SMVDNS hospital, Katra

# *Resume*

## **PERSONAL ACADEMIC RECORD**

## **DETAILS and**

- ❖ NAME: **Dr. Manish Kumar Varshney**
- ❖ FATHER’S NAME: Sh. Rajendra Kumar Varshney
- ❖ MOTHER’S MAIDEN NAME: Late Smt. Bhagwan devi
- ❖ AGE: 45 YEARS
- ❖ DOB: 28 day of May in the year 1979
- ❖ GENDER: Male
- ❖ MARITAL STATUS: Married.
- ❖ ADDRESS: 101, Dhanwantri building, SMVD Narayana hospital campus, Reasi, J&K - 182320
- ❖ Telephone no: **+91-9070138666, 9204959831**
- ❖ E-mail: [drmkvarshney@gmail.com](mailto:drmkvarshney@gmail.com)
- ❖ Registration: *under Delhi Medical Council: DMC/R/00902*

### **Professional experience in Orthopaedics:**

- 2005-2008: Senior resident (Full time, Orthopaedics) AIIMS.
- 2008-Mar 2009: Senior research Associateship (Scientist, Pool Scheme, Orthopaedics) AIIMS
- 21/03/2009 – 02/09/2010: Assistant Professor Orthopaedics LHMC
- 11/10/2010 – 30/01/2016: senior consultant orthopaedic surgeon (Arthroscopy and arthroplasty), Tata Motors Hospital, Jamshedpur, Jharkhand.
- 1<sup>st</sup> Feb 2016 – till date – Senior Consultant and Assistant professor Orthopedics (since Sep 2024) , SMVDIME and associated SMVDNS hospital, Katra
- Fellowship in Orthopaedics trauma (Queen Elizabeth Hospital), Hong Kong.
- Robert Roaf IOA travelling fellowship for the year 2008-09.
- Depuy Travelling fellowship Hong Kong 2014 – revision arthroplasty.

	<b>EXAM (YEAR)</b>	<b>UNIVERSITY/COLLEGE</b>	<b>ATTEMPT</b>
1	MBBS	Maulana Azad medical college, New Delhi. Delhi university.	First
2	<i>Masters of surgery</i> M.S. (Orthopaedics) (2004)	All India Institute of Medical Sciences, New Delhi.	First
3	DNB (Ortho surg.) Nov 2005	Diplomate of national board, India	First
4	MNAMS (2006)	National academy of medical sciences	November

5	MRCS (Glasgow) Oct 2007	Royal college of surgeons, Glasgow, U.K.	First
6	A.O. {Basic and advanced}	A.O. foundation. Basic in 2012, advanced 2013	

## **ACADEMIC RECORD (TABULATED)**

### **Section-I**

### **WORK EXPERIENCE**

Tabulated work experience after MS Orth

Post held	Period		Total period			Employer's Address
	From	To	Yrs	Mth	Days	
<i>SENIOR RESIDENT</i>	31 May 2005	30 June 2008	03 (three) Years	01 (one) month	00 days	AIIMS, Ansari nagar, New Delhi-110029
<i>Senior research Associateship (Pool Officer)</i>	01 July 2008	21 <sup>st</sup> Mar 2009	00	08 (eight)	21 (days)	AIIMS, Ansari Nagar, New Delhi-110029
<i>Assistant Professor (Orthopaedics)</i>	23 <sup>rd</sup> Mar 2009	02 <sup>nd</sup> Sep 2010	01	05	10 days	Lady Hardinge medical college and Ass. Hosp., N.D.- 110001
<i>Senior consultant Orthopaedic Surgeon</i>	11 <sup>th</sup> Oct 2010	30 <sup>th</sup> Jan 2016	05	03 months	19 days	TATA Motors Hospital, Jamshedpur
<i>Senior Consultant and Assistant Professor (Sep 2024) Orthopedics</i>	1 <sup>st</sup> Feb 2016	Till date	-	-	-	SMVDIME and Shri Mata Vaishno Devi Narayana Superspecialty hospital, Kakryal

#### **Nature of work performed:**

Underwent more than six years of intensive surgical and medical training at All India Institute of Medical Sciences, with vast exposure in trauma and cold (conventional) Orthopaedics. Regular posting in ward, out patient department, O.T. and casualty provided extensive opportunities to diagnose and plan treatment for various orthopaedic ailments. Good first hand surgical training and experience of procedures in nearly all of trauma cases (fresh and old-neglected) and arthroplasty has been ample. My first hand works in the field of bone tumors and custom made prostheses in lieu of my thesis has put me forward in the treatment of this dreadful disorder. *Specialized* experience in management of spine disorders, Pediatric Orthopaedics, Ilizarov method of management, arthroscopy (knee, shoulder, ankle, and elbow) has helped build confidence.

**Working as senior resident**, under various specialists like hand surgeon, arthroscopist, tumor surgeon, arthroplasty and spine surgeons on a regular basis dwelled into finely polishing the various faculties within and preparing for all branches in orthopaedics. I have been independently practiced & executed the learned skills as **Assistant professor** of Orthopaedics at Lady Hardinge Medical College and associated hospitals. Now I am employed as senior specialist arthroplasty and arthroscopy surgeon at TATA motors hospital, Jamshedpur; exclusively performing arthroplasty (hip, knee, shoulder, elbow, MCP etc) and knee, shoulder & wrist arthroscopy.

I have experience of independently performed around 180 knee replacements, 300 total hip replacements, 400 hemi-arthroplasties (hip), 12 shoulder hemiarthroplasties, 5 elbow replacements, 64 arthroscopic ACL reconstructions, 7 PCL reconstructions, 15 wrist arthroscopies (7 TFCC reconstructions/repair), 52 megaprosthesis implantations for bone tumors, 79 other limb reconstructions (bone tumors), ~70-80 complex trauma reconstructions, 17 DDH surgeries, >40 CTEV surgeries, >50 ilizarov limb reconstructions. The independent surgical experience has been preceded by around double the number of assisted/supervised surgeries as the parent institute AIIMS has a tremendous patient inflow and work load.

**As senior research associate (Pool Scheme)** the preceding was extended into specialized hand training and research during under Prof. P. P. Kotwal. I have performed 3 MCP arthroplasties, 4 Elbow arthroplasties, 2 Total shoulder arthroplasties, 4 shoulder hemiarthroplasties, >10 rheumatoid hand reconstructions, >15 tendon grafting, >10 tendon transfers, >10 radial longitudinal deficiency reconstructions, >25 nerve repairs, >15 different soft tissue coverage surgeries independently.

As **Senior consultant in Orthopedics** at Tata Motors hospital all joint arthroplasties and trauma work was done as an independent authority with well recognition in the faculty in the region. This recognition led me to become the incharge Orthopedics at Shri Mata Vaishno Devi Narayana Superspecialty hospital at Kakrayal, Katra. Here I established the department of Orthopedics with all state of the art facilities and procedures. We have begun the niche work like shoulder arthroscopy, arthroplasties and orthopedic oncology. Additional job profile as Assistant professor in Orthopedics has been bestowed upon me with rigorous selection process since September 2009.

Lots of active work related to research and perpetuation of knowledge has been undertaken by me simultaneously; that is represented in the internationally renowned publications as depicted in annexure 2. Participation into various orthopaedic and related activities to continuously update my knowledge and keep an edge forward by learning new techniques has been met through attending various conferences and meetings.

**I am committed to carry it forward to try and put my organization and me by dint of drudgery and be a vanguard to excellence.**

## **SECTION II – ANNEXURES**

### **Annexure 1**

#### **List of awards and medals during my curriculum.**

1. Won the prestigious **Paul Manske international award** for best paper in upper limb congenital deficiency in October 2013 (California, U.S) conferred by American society for surgery of hand (**ASSH**).
2. Won **Gold medal** in S. S. Yadav Tumor subspecialty at 53<sup>rd</sup> IOACON (annual meet of orthopaedic surgeons) held at Bengaluru in 2008.
3. Won **bronze medal** in All India Orthopaedic quiz held in December 2004 at 49<sup>th</sup> annual IOACON 2004 held at Agra.
4. Biography published in “Marquis WHO’s WHO in the world” on priority basis for the year 2008 (silver jubilee edition) and Marquis WHO’s WHO in medical world for the year 2009.
5. Distinction in physiology in MBBS first professional exam.
6. Throughout topper in secondary and senior secondary education. Got selected in all India CBSE in first attempt for MBBS and in first attempt got admission in PG (Orthopaedics) at AIIMS.

#### **REVIEWERSHIP:**

1. **Past Editorial board member of**
  - a. “Global journal of surgery” Jan 2010 to Dec 2013.
  - b. Indian journal of Orthopaedics w.e.f Dec 2011 (resigned in Jan 2013).
  - c. Case reports in Orthopaedics Apr 2013 – June 2016.
2. Available as a **reviewer** for
  - a. Clinical Orthopaedics and related research (CORR)
  - b. “*Foot and Ankle International*”
  - c. “Journal of orthopaedics and traumatology”
  - d. “Journal of medical sciences”
  - e. “International Orthopaedics”
  - f. “Indian journal of Orthopaedics”
  - g. “National medical journal”

## Annexure 2

### List of publications and papers. (Authorship)

#### INDEXED “INTERNATIONAL” PUBLICATIONS (FULL TEXT).

1. **VARSHNEY MK**, Rastogi S, Khan SA, Trikha V. Is sclerotherapy better than intralesional excision for treating Aneurysmal bone cysts?. **Clin Orthop and Rel Research (CORR)** 2010 Jun;468(6):1649-59. PMID: 19851815
2. **VARSHNEY MK**, Kumar A, Khan SA, Rastogi S. functional and radiological outcome after delayed fixation of femoral neck fractures in pediatric patients. **J Orthopaed Traumatol. J Orthop Traumatol.** 2009 Dec;10(4):211-6. Epub 2009 Nov 20. DOI 10.1007/s10195-009-0072-4.
3. Khan SA, Hasan AS, Capoor MR, **VARSHNEY MK**, Trikha V. Calcaneal osteomyelitis caused by *Exophiala jeanselmei* in an immunocompetent child. A case report. **J Bone Joint Surg Am.** 2007 Apr;89(4):859-62.
4. Rastogi S, **VARSHNEY MK**, Trikha V, Khan S. A, Chowdhury B, Safaya R: Treatment of aneurysmal bone cysts with percutaneous sclerotherapy using polidocanol. A review of 72 cases with long-term follow-up. **J Bone Joint Surg Br.** 2006 Sep; 88(9):1212-6.
5. Kumar A, **VARSHNEY MK**, Trikha V, Khan SA: Tuberculosis of coccyx: a rare presentation of tuberculosis. **J Bone Joint Surg Br**, Oct 2006; 88-B: 1388-9.
6. **Varshney MK**, Trikha V, Rastogi S. Aggressive osteoblastoma of clavicle a rare tumor at previously undescribed site. **Acta Oncol.** 2007;46(2):259-61.
7. **VARSHNEY MK**, Trikha V.: Intertrochanteric osteotomy using a dynamic hip screw for femoral neck nonunion. **J Orthop Trauma** 2005;19:329-333.
8. **VARSHNEY MK**, Trikha V & Khan S A. Actinomycosis or tuberculosis? A diagnostic dilemma. **Scand J Infect Dis.** 2006;38(5):378-81
9. **VARSHNEY MK**, Trikha V, Gupta V.: Isolated tuberculosis of Achilles tendon - a rare case of an atypical presentation. **Joint bone spine**, 2006 Dec 8.
10. Khan SA, **VARSHNEY MK**, Hasan SA, Kumar A, Trikha V. Tuberculosis of sternum – A clinical study. **J Bone Joint Surg Br** 2007; 89:817-820.
11. Trikha V, **VARSHNEY MK** & Rastogi S.: Isolated tuberculosis of the vastus lateralis muscle: A Case report. **Scand J Infect Dis.** 2006;38(4):304-6.
12. **VARSHNEY MK**, Kumar A, Khan SA, Yadav CS: Kimura disease of extremity: unusual manifestation in a long bone. **Joint Bone Spine** 2008 may 3 [epub ahead of print].
13. **VARSHNEY MK**, Kumar A, Khan SA: A Predictive Method for Subsequent Avascular Necrosis of the Femoral Head (AVNFH) by Observation of Bleeding From the Cannulated Screw Used for Fixation of Intracapsular Femoral Neck Fractures (letter with reply). **J Ortho trauma. Oct 2007; 21(9): 670**
14. Trikha V, **VARSHNEY MK**: Plate Augmentation Leaving The Nail In Situ And Bone Grafting For Nonunion Of Femoral Shaft Fractures. **Int Orthop.** 2006 Oct;30(5):429.
15. Gogi N, Khan SA, **VARSHNEY MK**: Limb length discrepancy following titanium elastic nailing in paediatric femoral shaft fractures. **Acta Orthop Belg.** 2006 Apr;72(2):154-8.
16. Kumar A, **VARSHNEY MK**, Trikha V.: An Unusual Presentation Of Rare Isolated Sacral Tuberculosis - a case report. **Joint Bone Spine.** 2006,73:751-752.
17. Kumar A, **VARSHNEY MK**, Trikha V, Rastogi S.: An Unusual Presentation of a Rare Chest Wall Tumour -A Case Report. **Joint bone spine**, 2006,74; 100-102.

18. Gupta A, Singh S, Patel P, Patel J, [VARSHNEY MK](#): Evaluation of the utility of the Ponseti method of correction of clubfoot deformity in a developing nation. **Int Orthop**. 2008 Feb 32 (1), 75-9.
19. Trikha V, [VARSHNEY MK](#), Rastogi S. Tuberculosis of the ilium: is it really so rare? **Acta Orthop Belg**. 2005 Jun;71(3):366-8.
20. Kumar A, [VARSHNEY MK](#), Trikha V, Khan SA, Hasan SA, Yadav CS. A rare actinomycosis of humerus: an unusual location and a diagnostic dilemma - a case report. **Archive of Orthopaedics and Trauma Surg** 2008 Jan;128(1):121-4.
21. Khan SA , Kumar A, [VARSHNEY MK](#), Rastogi S. Chondromyxoid fibroma of clavicle in a child. **Eur j of orthop surg**. Mar 2008 (to be published)
22. Kumar A, Ghosh SB, [VARSHNEY MK](#), Trikha V, Khan SA. Congenital spinal tuberculosis associated with asymptomatic endometrial tuberculosis – a rare case report. **Joint Bone Spine**. 2008 May;75(3):353-5. Epub 2008 Apr 3
23. Khan SA, Kumar A, [VARSHNEY MK](#), Trikha V, Yadav CS. Dextrose prolotherapy in the management of recalcitrant coccygodynia. **J Orthop Surg (Hong Kong)**. 2008 Apr;16(1):27-9
24. Khan SA, Shamschery P, Gupta V, Trikha V, [VARSHNEY MK](#), Kumar A. Locking compression plate in long standing clavicular non-unions with poor bone stock. **J Trauma**. 2008 Feb;64(2):439-41.
25. Rastogi S, [VARSHNEY MK](#), Trikha V, Khan SA, Mittal R: Desmoplastic fibroma: A report of three cases at unusual locations. **Joint bone spine**.2008 Mar;75(2):222-5. Epub 2007 Aug 30
26. Kumar A, [VARSHNEY MK](#), Khan SA, Safaya R: Low Grade Central Osteosarcoma - A Diagnostic Dilemma: Case Report. **Joint Bone Spine 2008 may 3** [Epub ahead of print].
27. Khan SA, Kumar A, [VARSHNEY MK](#), Trikha V, Yadav C.: Accidentally falling instruments during orthopedic surgery– Time to wake up! **ANZ J Surg**. 2008 Sep;78(9): 794-5
28. Khan SA, Kumar A, [VARSHNEY MK](#): Diplopodia with Aplasia of Tibia and double Fibula in a child – A rare association of deformities: a case report. **JMCR** (accepted for publication 2008).
29. Khan SA, Thulkar S, Shivanand G, Kumar A, [VARSHNEY MK](#), Yadav CS, Rastogi S, Sharma DN: Computed tomography – Guided radiofrequency ablation of osteoid osteomas. **J Orthop Surg (Hong Kong)**. 2008 Aug; 16(2): 179-81
30. [VARSHNEY MK](#), Jain M, Sud A, Agarwal S, Nain M: Unusual multicentric angiomyolipoma of knee joint and soft tissue foot. **Joint Bone Spine** 2010 (under print)

### **INDEXED “INTERNATIONAL” PUBLICATIONS (on-line)**

1. Kumar A, [VARSHNEY MK](#), Trikha V, Khan SA. Author’s reply to electronic letter on isolated tuberculosis of the coccyx. **JBJS (Br)**. October, 2006.
2. Kumar A, [VARSHNEY MK](#), Khan SA. Letter to editor on skeletal tuberculosis in children. **JBJS (Br)**. Feb 2007.
3. Kumar A, [VARSHNEY MK](#), Nataraj AR, Khan SA. Letter to editor on tubercular arthritis of knee with staphylococcus superinfection. **JBJS (Br)** 27 June 2007.
4. Kumar A, [VARSHNEY MK](#), Trikha V, Khan SA: Should coccygectomy be combined with anti-tuberculosis chemotherapy? (27 October 2006) **J Bone Joint Surg Br**. (Electronic publication).

### **NON- INDEXED PUBLICATIONS**

1. Yadav CS, Nag HL, [VARSHNEY MK](#), Khan SA, Trikha V: Joint replacement arthroplasty (Hip and Knee). Journal Azam Med Acad. 2006 oct;2(3):11-22.
2. Kotwal PP, Varshney MK: carpal tunnel syndrome:Current concepts. JIMSA (invited review article)
3. Kotwal PP, Varshney MK: Carpal tunnel syndrome: Controversies and consensus. PJO 2009 Dec 11 (1): 32-37

### **INDEXED PUBLISHED ABSTRACTS (Posters):**

1. A comparative study of dosimetry of gafchromic XR type-R with nuclear associates’ densitometer and document scanner. International conference of medical physicists (ICMP). 2005 Sep-Oct. Numberg- Frankfurt Germany.
2. Perfusion imaging using Gafchromic XR Type-R films and their interpretation and quantification. International conference of medical physicists (ICMP). 2005 Sep-Oct. Numberg- Frankfurt Germany.

### **NON-INDEXED PUBLISHED ABSTRACTS (Posters):**

1. [VARSHNEY MK](#): Immunomodulation in musculoskeletal tuberculosis. 51<sup>st</sup> annual conference of Indian orthopedic surgeons (IOACON 2006) Nov-Dec 2006.
2. [VARSHNEY MK](#): Non-vascularised fibular grafting in neglected intracapsular fracture neck of femur. 51<sup>st</sup> annual conference of Indian orthopedic surgeons (IOACON 2006) Nov-Dec 2006.
3. [VARSHNEY MK](#), Trikha V: Hotchkiss triad injury of elbow: diagnosis, management and outcome. 51<sup>st</sup> annual conference of IOA; Dec 2006, New Delhi, India.
4. [VARSHNEY MK](#), trikha V: Comparison of intramedullary nailing to locking plate for the management of distal tibial fractures; 53<sup>rd</sup> annual conference of IOA, Dec 2008. Bengaluru, India.
5. [VARSHNEY MK](#), Trikha V: Comparison of intralesional excision to sclerotherapy in the management of aneurismal bone cyst; 53<sup>rd</sup> annual conference of IOA, Dec 2008. Bengaluru.
6. Rastogi S, Khan SA, Kumar A, [VARSHNEY MK](#): Diaphyseal osteosarcoma-Biological behavior and limb salvage. Asia Pacific Orthopedic Association (APOA) 15<sup>th</sup> triennial conference September 2007 at Seoul, South Korea.
7. Rastogi S, Khan SA, Kumar A, [VARSHNEY MK](#): functional outcome following limb salvage surgery for malignanat tumor of fibula. Asia Pacific Orthopedic Association (APOA) 15<sup>th</sup> triennial conference September 2007 at Seoul, South Korea.
8. Rastogi S, Khan SA, Kumar A, [VARSHNEY MK](#): Immunomodulation in musculoskeletal tuberculosis. Asia Pacific Orthopedic Association (APOA) 15<sup>th</sup> triennial conference September 2007 at seoul, South Korea.
9. [VARSHNEY MK](#), Rastogi S, Khan SA, Trikha V: Comparison of Sclerotherapy to curettage and bone grafting in the management of aneurysmal bone cyst – Annual meet of AAOS, Las Vegas, Nevada 2009.

### **BOOKS & CHAPTERS:**

1. **VARSHNEY M K: ESSENTIAL ORTHOPAEDICS - PRINCIPLES AND PRACTICE** (3<sup>RD</sup> edition). New Delhi, India, JAYPEE publications: 2280 pages, 2 volumes, Jan 2022. {1<sup>st</sup> edition Jan 2016}.(ISBN-13: 9789354651052)
2. **VARSHNEY M K: PRACTICAL ORTHOPEDIC EXAMINATION MADE EASY** (3<sup>rd</sup> edition). New Delhi, India, JAYPEE Publications:704 pages. {1<sup>st</sup> ed. Mar 2009}. (ISBN-13: 9789389188998)
3. **VARSHNEY M K: POSTGRADUATE ORTHOPEDICS: AN EXAM PREPARATORY MANUAL** (3<sup>rd</sup> edition). New Delhi, India, JAYPEE Publications: 720 pages. {1<sup>st</sup> edition Jan 2018}. (ISBN-13: 978-9354659584).
4. **VARSHNEY MK**, Yadav CS: Examination of bone and joint injuries. In Chumber (Ed). Textbook of surgery 2<sup>nd</sup> ed (Under publication)
5. Kotwal PP, **VARSHNEY MK**: Fractures of scaphoid. In Kulkarni GS. Textbook of orthopaedics and trauma. 2<sup>nd</sup> ed.
6. Natarajan M, Kotwal PP, **VARSHNEY MK**: Inequality of limb length. In IAP text book of pediatrics (4<sup>th</sup> edn) by Prathasarathy A (Ed): Jaypee publications New Delhi 2009.
7. Natarajan M, Kotwal PP, **VARSHNEY MK**: Pediatric bone tumors. In IAP text book of pediatrics (4<sup>th</sup> edn) by Prathasarathy A (Ed): Jaypee publications New Delhi 2009
8. Kotwal PP, **VARSHNEY MK**: Miscellaneous Orthopaedic conditions. In IAP text book of pediatrics (4<sup>th</sup> edn) by Prathasarathy A (Ed): Jaypee publications New Delhi 2009

## ANNEXURE 3

### PAPER PRESENTATIONS AND CONFERENCES ATTENDED:

1. **Gold medal** (S.S. Yadav Gold medal) winning paper on “Comparison of Sclerotherapy to curettage and bone grafting in the management of aneurysmal bone cyst” at **53<sup>rd</sup> IOACON, Bengaluru** in 2008.
2. Presented paper in annual meet of **AAOS (American Academy of Orthopaedics 2009)** on “Comparison of Sclerotherapy to curettage and bone grafting in the management of aneurysmal bone cyst” at Las Vegas, Nevada in Feb 2009.
3. Presented paper on “Percutaneous sclerotherapy – A novel method of treatment for Aneurysmal bone cyst” in 49<sup>th</sup> annual conference of Indian orthopedic association held in **December 2004 in the P. G. Tejeshwar Rao P.G competition.**
4. Podium presentation on “Immunomodulation in musculoskeletal tuberculosis” in annual conference of Indian orthopaedic association **IOACON 2006 (12<sup>th</sup> November).**
5. Podium presentation on “Non-vascularised fibular grafting in neglected intracapsular fracture neck of femur” in annual conference of Indian orthopaedic association **IOACON 2006 (12<sup>th</sup> November).**
6. Presented paper on “comparative study on intramedullary nailing vs minimally invasive plate osteosynthesis (MIPO) for extraarticular fractures of distal tibia” at IOACON 2008 held at Bengaluru.
7. Presented **CME on** “Clinical aspects and case presentations on cystic lesions of bone” in international CME on bone pathology on 23<sup>rd</sup> – 25<sup>th</sup> February 2007 Co-organized by depts. of pathology and orthopaedics AIIMS in association with Harvard Medical School & Mount Sinai School of Medicine USA.
8. Presented “management of infected knee” in sixth Arthroplasty course Patna in 2012.
9. Attended ROC in January 2011.
10. Attended advances in arthroplasty (Bangkok) by Stryker in 2014.
11. Presented paper on “Vascularised vs Non-vascularised bone grafting for nonunion fracture scaphoid” in JKOACON 2018 held at Jammu
12. Presented paper on “Uncemented stems in Total Hip arthroplasty” in JKOACON 2022 held at Jammu
13. Presented paper on “Spinopelvic alignment and acetabular cup placement” in JKOACON 2022 held at Srinagar
14. Presented paper on “Management of Radial head fractures” held at JKOACON 2023
15. Attended “Current concepts in arthroplasty” held at AIIMS, New Delhi in October 2023
16. Participated in “Revision knee and total hip replacement workshop” held at AIIMS, New Delhi in October 2023.
17. Attended “Hand surgery update – 2003” held at All India institute of medical sciences in April 2003.
18. Attended “national symposium on musculoskeletal allografts” held at AIIMS in March 2004.
19. Attended “DOACON- 2004” held at All India institute of medical sciences in November 2004.
20. Attended 49<sup>th</sup> annual conference of Indian orthopedic association held in December 2004 at Agra.
21. Attended workshop on “Skill development in suturing and knot tying” held at AIIMS in August 2003.
22. Attended “IOACON 2006” 51<sup>st</sup> annual conference of Indian Orthopedic association held at New Delhi.
23. Attended “IOACON 2009” 54<sup>th</sup> annual conference of Indian Orthopaedic Association held at Bhubaneswar, Orissa.
24. Attended “K.T.Dholakia CME” organized by Gujarat Orthopaedic association held at Bhubaneswar, Orissa.

25. Attended workshop on "Pelvic Fractures" held on 2<sup>nd</sup>-3<sup>rd</sup> Dec at Bengaluru in 2008.
26. Attended "recent concepts in arthroplasty" held at New Delhi in 2006.
27. Life member of "Indian federation of sports medicine" founded in 2004 (0178-04).
28. Life member of "Indian Orthopaedic Association" (LM 7372)
29. Attended current "concepts in arthroplasty" held at New Delhi in 2009.

## **ANNEXURE 4**

### **Research work**

1. My research articles reached >500 citations on 16<sup>th</sup> November 2024.
2. My original research work includes the pioneer work on benign bone tumors especially the aggressive ones in the **thesis** titled “Aggressive benign bone tumors – a clinical study” under the aegis of Prof. S. Rastogi. The work has been endorsed by two experts in the field. Utility of the work is exalted by the findings published in journal of bone and joint surgery (British volume) an esteemed journal in orthopaedics.
3. Other research works are detailed in the various publications (**vide above**) and are from various fields including but not limited to infection, tumors, trauma, pediatric orthopaedics etc.