



Dr Amit Kumar*

MBBS, MS (Ortho)

Additional Professor

Department of Orthopaedics

Apex Trauma Center, SGPGIMS, Lucknow

MCI Reg.no 60091

Area of interest:

1. Complex Trauma and Limb Reconstruction Surgery
2. Osteoarthritis and Regenerative Medicine
3. Thoraco-lumber Spine Surgery
4. Orthopaedic Oncology

Educational Qualification:

Level of Study	Degree/stream	University / College	Year of Passing
Post-Graduation	Masters of Surgery [Orthopaedics]	Banaras Hindu University [Institute of Medical Science, Varanasi]	2011- 2014
Graduation	Bachelor of Medicine and Bachelor of Surgery	Banaras Hindu University [Institute of Medical Science, Varanasi]	2005-2010 {including one year internship}
Intermediate	Senior school certificate examination	CBSE [Sainik School Tilaiya, Koderma, Jharkhand]	2003
Secondary	Secondary school examination	CBSE [Sainik School Tilaiya, Koderma, Jharkhand]	2001

Professional Experience:

S.NO	POST	PLACE	YEAR
1.	Junior Resident	Sir Sunderlal Hospital, institute of Medical Sciences, Banaras Hindu University, UP	2011-14
2.	Senior Resident	Trauma Centre, Institute of institute of Medical Sciences, Banaras Hindu University, UP	2014-17
3.	Assistant Professor	Mata Gujri Memorial Medical College, Kishanganj, Bihar	2017-2018
4.	Assistant Professor	Apex Trauma Centre, SGPGIMS, Lucknow	2018 -2021
5.	Associate Professor	Apex Trauma Centre, SGPGIMS, Lucknow	2021-2025

Research & PUBLICATION:

1. **Kumar A**, Keshav K, Baghel A, Singh AR, Rai A, Sharma P. A Novel Technique of Arc Fixator for Supracondylar Humerus Fractures in Older Children: A Case Series. *Journal of Orthopaedic Case Reports* 2025 July;15(7):248-254.
2. **Kumar A**, Kumar S, Kumar A, Keshav K, Baghel A, Sharma P. Finite element analysis of sliding vs static configuration of partial threaded cannulated compression screws for Pauwels type III fracture neck of femur. *J Clin Orthop Trauma*. 2025 Apr 19;66:103024. doi: 10.1016/j.jcot.2025.103024. PMID: 40958818; PMCID: PMC12434167.
3. Keshav K, Singh S, Sharma P, Baghel A, **Kumar A**, Mishra P. Mortality among elderly hip fracture patients following surgical intervention- an institutional review of a tertiary care centre of North India. *J Clin Orthop Trauma*. 2025 May 13;67:103058. doi: 10.1016/j.jcot.2025.103058. PMID: 40496038; PMCID: PMC12146012.
4. Baghel A, Verma MK, Sharma P, Keshav K, **Kumar A**, Raghav S. Functional Outcomes and Quality of Life After Sacrum Fractures Managed by Either Operative or Conservative Approaches: A Case Series With One-Year Follow-Up. *Cureus*. 2024 Apr 30;16(4):e59375. doi: 10.7759/cureus.59375. PMID: 38817452; PMCID: PMC11139008.
5. Sharma P, Baghel A, Keshav K, **Kumar A**. et al ; Functional Outcomes of Anterior Cruciate Ligament Reconstruction Using Titanium Adjustable Loop Button and Poly-L-co-DL-Lactic Acid-Beta Tricalcium Phosphate (PLDLA-bTCP) Interference Screws: A Single-Center, Retrospective, Observational Study. *Cureus* 15(2): e34542. DOI 10.7759/cureus.34542
6. Keshav K, Sharma P, **Kumar A**, Baghel A, Kaustubh K, Huda N, et al. Changing practices of delivering orthopedic and coronavirus disease 2019 care: Outcome of a pan-India survey. *J Bone Joint Dis* 2021;36:27-32
7. Baghel A, Keshav K, **Kumar A**, et al. (June 01, 2021) Clinicoradiological Outcome of Concomitant Fractures of Proximal Femur and Femoral Shaft Treated With Second-Generation Cephalomedullary Nailing. *Cureus* 13(6): e15381. DOI 10.7759/cureus.15381
8. Keshav K., **Kumar A.**, Sharma P. et al. How Much has COVID-19 Pandemic Affected Indian Orthopaedic Practice? Results of an Online Survey. *JOIO* (2020).
9. Ranjan N, Sharma P, Baghel A, Keshav K, **Kumar A** Epidemiology of Orthopaedic Trauma in the Geriatric patients admitted in a tertiary care trauma centre in northern India | *Journal of Bone and Joint Diseases* | May-Aug 2020; 35(2): 5-8.

10. Khare G N, Belbase R J, Singh S, Yadav S, Nag R, **Kumar A**, Amar R. Outcome Analysis of Reverse Oblique Trochanteric Fractures Treated with Proximal Femoral Nail. *Journal of Bone and Joint Diseases* Jan – Apr 2018;33(1):20-23
11. **Amit Kumar**, G. N. Khare ,Suitability of the NNIS index for estimating Orthopaedics surgical-site infection risk at a university hospital in INDIA, *Global Journal of Research Analysis* January -2016 Volume-5, Issue-1 : 297-299 ISSN No 2277 – 8160

Case Report

12. Sharma, S., Kumar, A., & Sharma, S. (2023). Malunited supracondylar femur fracture in haemophilia A: a case report on evaluation and management. *International Journal of Research in Orthopaedics*, 10(1), 199–201.
13. Kumar A, Keshav K, Singh S, et al. (September 29, 2023) Postoperative Fracture Risk in Giant Cell Tumor: A Case Report and Review of Literature. *Cureus* 15(9): e46192. doi:10.7759/cureus.46192
14. Keshav K, **Kumar A**. An Anatomical Variation of Sciatic Nerve Encountered during Kocher-Langenbeck Approach to the Acetabulum: A Case Report. *Journal of Bone and Joint Diseases*. January-April 2021; 36(1): 38
15. Dinesh Kumar, Ramvilas Nag, **Amit kumar**, Utkrishtmandot. “Rare case: Giant cell tumor of patella and review of literature” *Journal of Orthopaedic Education* VOL.3 NO.1 JAN-JUN 2017 pISSN: 2454-7956, eISSN: 2455-8338
16. *Dinesh Kumar, **Amit Kumar**, Ramvilas Nag*. Vanishing Bone Disease of Hand- Case Report and Review of Literature. *International Journal of Scientific Research* Vol 6, No 1 (2017)296-298 Issn no.2277-8179 index Copernicus 69.48
17. **Kumar A**, kantiwal P, kumari J, kharegn.osteomalacia, a late complication of ichthyosis vulgaris: a case report. *journal of bone and joint diseases* oct – dec 2017;32(3):64-68.
18. **Kumar A**, Sinha S, Saraf SK, Gupta V, Rani D, Kumari J. 10-Year Radiological Follow-Up of Multifocal Recurrent Eosinophilic Granuloma With Vertebra Plana: A Case Report and Review of Literature. *PaediatrOrthopRelat Sci* 2017;3:72-6
19. **Amit Kumar**, Anil kumar Rai, Neeraj Dhameja, Chondromyxoid Fibroma of Scaphoid : A rare case, *International journal of Scientific Research* Feb 2016 vol. 5(2) :372-375 Issn no.2277-8179

20. G. N. Khare, **Amit kumar**, Sankalp Pandey, Birju Manjhi, An Unusual pattern of communitied trochanteric fracture associated with ipsilateral dislocation of hip and Fracture acetabulum , Journal of Bone and Joint Disease Jan 2015 Vol.30:75-79 ISSN No. 0971-7986

Award & Honours:

- BHASKAR MALL PG GOLD MEDAL 2016 FOR BEST PG PAPER AT UPORTHOCON 2016
- IOA Yuva Mentorship Inland Fellowship 2022-2023
- Awarded UPOA travelling fellowship 2024

Reviewer:

- Indian Journal of Orthopaedics
- Journal of clinical Orthopaedics and Trauma
- Journal of bone and Joint Diseases
- Journal of the Indian Academy of Geriatrics

Project:

Intramural Project:

Principle investigator:

1. **A randomized controlled study for clinical evaluation of the synergistic effect of oral bisphosphonate with platelet rich plasma in knee osteoarthritis. IEC CODE: 2022-107-IMP-128**

Co-investigator :

1. **Metabolomic profiling for identification of novel biomarkers related to accelerated bone healing in patients with traumatic brain injury.**
2. **Effect of Three months daily Teriparatide Injection in osteoporotic Intertrochanteric Fractures: A Randomised Controlled Trial**

Membership:

- Life member: Indian Orthopaedic Association LM 10868
- Life member: UP Orthopaedic Association LM 1581
- Life Member: Bihar orthopaedics Association LM 609
- Life member: ASAMI India LM 496
- Life Member: Indian Arthroscopy Society 3844