



Dr. Anurag Baghel
Additional Professor

Department of orthopaedics

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Brief Resume

Dr Anurag Baghel is presently working as additional professor in the department of orthopaedics at SGPGIMS. He has completed his graduation from BRD Medical College Gorakhpur UP in 2009 and then Postgraduation MS orthopaedic surgery and senior Residency for from KGMU Lucknow UP in 2016.

Before joining at SGPGIMS, he has worked as lecturer at GMC Kannauj for 1yr, and as Assistant Professor at UPUMS Etawah for 2yrs.

His clinical work is focused on Joint preservation and replacements, Arthroscopic ligament reconstruction and deformity correction.

He is presently doing multiple research projects funded by Indian council of medical research (ICMR) and council of science and technology UP(CST-UP) on Bone healing and Orthobiologics focused on joint preservation.

Academic PROFILE :

He is heading a unit in the department and involved and supervised teaching and research related to joint preservation of replacement, trauma and joint reconstruction, periprosthetic joint infection, Combines high-volume clinical practice with translational research, and resident education.

We are presently offering NMC approved MS Postgraduate academic courses as well as one year post doctorate certificate course (PDCC) and two year post doctorate advance fellowship(PDAF) teaching program in the department.

He is also running clinical research projects with training of research fellows in the department.

Awards & Honours :

1. Awarded **Paper of Honour** in **anatomy and biochemistry**, BRD Medical College, Gorakhpur.
2. Secured **3rd rank** in UPPG entrance examination.
3. Course coordinator in synergy shoulder arthroscopy conference and workshop on 1st July 2022 at Lucknow.
4. Awarded the fellowship certificate (IOA YUVA mentor fellowship) during annual national conference of Indian Orthopaedic Association 2023.
5. Teaching faculty in Hip Arthroplasty Workshop during annual conference of India Orthopaedic association, IOACON 2023 at Lucknow.
6. Teaching faculty during workshop of knee arthroscopy in IASCON 2023 at KGMU, Lucknow.

Research projects as co-investigator-

- 1- Early Prognosis of Bone Healing Through Serum Biomarkers in Indian Population funded by council of science and technology UP(CSTUP).
- 2- Discovery and Development of Lipidomics- and Proteomics-Guided Bioactive Scaffolds for Therapeutic Cartilage Regeneration in Osteoarthritis: A Translational Preclinical Study

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. Sharma S, **Baghel A**, Singh S, Verma M. Isolated intramuscular cysticercosis masquerading as tumor: Case report and review of literature. Journal of Bone and Joint Diseases. 2023 May 1;38(2):204-7.

5. 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.
6. Sharma P, **Baghel A**. Outcome of intramedullary nail coated with antibiotic-impregnated cement in chronic osteomyelitis. *Annals of African Medicine*. 2023 Oct 1;22(4):434-9.
7. Baghel A, Verma MK, Sharma S. Triangular Osteosynthesis as a Surgical Treatment Option for Unstable Sacral Fracture Fixation with Sacroiliac Dislocation: A Case Report. *J Orthop Case Rep*. 2024 Feb;14(2):39-43. doi: 10.13107/jocr.2024.v14.i02.4210. PMID: 38420224; PMCID: PMC10898684.
8. 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
9. **Baghel A**, Keshav K, Kumar A, Sharma P. Clinicoradiological Outcome of Concomitant Fractures of Proximal Femur and Femoral Shaft Treated With Second-Generation Cephalomedullary Nailing. *Cureus*. 2021 Jun 1;13(6).
10. Keshav K, **Baghel A**, Kumar V, Neradi D, Kaustubh K, Mishra P. Is Minimally Invasive Plating Osteosynthesis Better Than Conventional Open Plating for Humeral Shaft Fractures? A Systematic Review and Meta-Analysis of Comparative Studies. *Indian Journal of Orthopaedics*. 2021 May 9:1-21.
11. Keshav K, Kumar A, Sharma P, Baghel A, Mishra P, Huda N. How much has COVID-19 pandemic affected Indian orthopaedic practice? Results of an online survey. *Indian Journal of Orthopaedics*. 2020 Dec;54(2):358-67.
12. Keshav K, Sharma P, Kumar A, **Baghel A**, Kaustubh K, Huda N, Mishra P. Changing practices of delivering orthopedic and coronavirus disease 2019 care: Outcome of a pan-India survey. *Journal of Bone and Joint Diseases*. 2021 May 1;36(2):27.
13. Ranjan N, Sharma P, **Baghel A**, Keshav K, A Epidemiology of Orthopaedic Trauma in the Geriatric patients admied in a tertiary care trauma centre in northern India | *Journal of Bone and Joint Diseases* | May-Aug 2020; 35(2): 5-8