

1. Publications from the department since 2021

1. Jain S, Kumar A, Chhabra A, Kumar K, Chaudhary K, Evaluation of bacteriological contamination pattern of open fractures of extremities in tertiary care hospital, Int J Res Orthop. 2021 Jul;7(4):800-805
2. Kumar K, Chhabra A, Kumar A, Jain S, Berwal A, A comparative study between dynamic hip screw and intramedullary nail fixation in trochanteric fractures, Int J Res Orthop. 2021 Jul;7(4):794-799
3. Kumar S, Sharma N, Preet J, Singh R. Aseptic non-union of tibia treated with ilizarov fixator: A retrospective study. EJMCM; Vol 09, Issue 02,2022:145-53.
4. Kumar S, Sharma N, Preet J, Singh R. Evaluation of factors associated of functional outcomes of intertrochanteric fractures of femur when managed with PFNA2. EJMCM; Vol 09, Issue 02,2022: 154-59.
5. Kumar S, Preet J, Singh R. A clinical study of outcomes of supracondylar osteotomy in correcting cubitus varus deformities. IJHS; 6(S1),2022:9972-87. <https://doi.org/10.53730/ijhs.v6nS1.7361>
6. Kumar S, Preet J, Singh R. Role of platelets rich plasma in tendinopathy: A teaching hospital based study. IJHS;6(S1),2022: 9988-96. <https://doi.org/10.53730/ijhs.v6nS1.7362>
7. Ankush Berwal, Anurag Chhabra, Ashok Kumar, Kulveer, Manish Kumar. To evaluate radiological and functional outcomes of intramedullary osteosynthesis of subtrochanteric femur fractures in adults with long proximal femoral nail, indian journal of applied research, volume – 12, issue – 04, April – 2022, print issn no. 2249 - 555x, doi : 10.36106/ijar
8. Kulveer, Ashok Kumar, Anurag Chhabra, Ankush Berwal, Vikas Rao. To evaluate clinico-radiological and functional outcome of early mobilization after close reduction and percutaneous lateral k-wires fixation in displaced fracture of supracondylar humerus in children, indian journal of applied research, volume-12, issue-05, May-2022, print issn no. 2249 - 555x,doi : 10.36106/ijar
9. Anubhav Chhabra, Sansar Sharma, Anurag Chhabra, Manish Kumar, Vikas Rao, "Clinical and Radiological assessment of patients with intertrochanteric fracture managed with proximal femoral nail with helical blade Indian Journal of applied research.2023:13(4).
10. Manish Kuamr, Anubhav Chhabra, Pankaj Kamboj, Saurabh Midha, Vikas Rao, Ashok Kumar, Anurag Chhabra "Clinical and Radiological correlation in acute and sub acute low back pain in adult nails of 20 to 30 years age group Indian Journal of applied research.2023:13(4).

- Anurag Chhabra "Clinical and Radiological correlation in acute and sub acute low back pain in adult nails of 20 to 30 years age group Indian Journal of applied research.2023:13(4).
11. Vikas Rao, Ashok Kumar, Anurag Chhabra, Anubhav Chhabra, Saurav Brar, Manish Kumar, "The Clinico-radiological and functional outcome of minimally invasive plate osteosynthesis in proximal tibial fractures Indian Journal of applied research.2023:13(4).
 12. Upadhyay G, Kumar A, Rao V, Brar S. Comparative study between choice of preoperative and postoperative dress wear among orthopaedic patients. Int J Res Orthop. 2023;9(2):340-4.
 13. Kamboj P, Chhabra A, Chhabra A, Kumar A, Sihag R, Brar S. Clinical, radiological, and functional assessment of intramedullary nailing of tibial fractures through suprapatellar approach. Indian J Appl Res. 2024;14(9):65-7.
 14. Brar S, Kumar A, Chhabra A, Chhabra A, Garg A, Kamboj P et al Clinical, radiological & functional outcome of intertrochanteric fractures managed with cephalomedullary nail with helical blade in elderly patients. International J of Pharmaceutical and Clinical Res.2024; 16(11); 437-444.
 15. Yogesh kumar , Anubhav Chhabra , Ashok Kumar , Anurag Chhabra , Ravi Sihag , Pankaj Kamboj , Rohit Kadiyan , Naveen Kumar , Ombir Singh Sihmar , Akash Ashiwal , Sundeep Kumar , Akshay Kumar "Clinical and Radiological Outcome in Closed Unstable Diaphyseal Fracture of Tibia Managed with Dynamic Interlocking Nailing Supplemented with Functional Bracing" Int. J Med. Pharm. Res., 6 (5): 361-366, 2025.
 16. Rohit Kadiyan , Anubhav Chhabra , Ashok Kumar , Anurag Chhabra , Ravi Sihag , Pankaj Kamboj , Yogesh Kumar , Naveen Kumar , Ombir Singh Sihmar , Akash Ashiwal , Sundeep Kumar , Akshay Kumar "Clinical and Functional outcome after local injection of autologous platelet rich plasma in symptomatic Rotator cuff tendinopathy" Int. J Med. Pharm. Res., 6 (5): 367-372, 2025.
 17. Akshay Kumar , Ashok Kumar , Anubhav Chhabra , Anurag Chhabra , Abhishek Garg , Akash Ashiwal Sundeep Kumar , Sheetal , Ombir Singh Sihmar , Rohit Kadiyan, Yogesh Kumar, Naveen Kumar "Clinicoradiological and functional outcomes of modified tension band wiring in fracture patella" Eur J Cardiovasc Med. 2025;15(8):880-883.
 18. Naveen Kumar, Anubhav Chhabra, Ashok Kumar, Anurag Chhabra, Ravi Sihag, Pankaj Kamboj, Yogesh Kumar, Rohit Kadiyan, Ombir Singh Sihmar, Akash Ashiwal, Sundeep Kumar, Akshay Kumar "Clinical And Radiological Outcomes Of Proximal Fibular Osteotomy In Management Of Medial Compartment Osteoarthritis Of Knee" Int. J. Life Sci. Biotechnol. Pharma. Res. 1714-21, 2025

19. Sundeep Kumar, Ashok Kumar, Anubhav Chhabra, Anurag Chhabra, Abhishek Garg, Priyanka, Akash Ashiwal, Akshay Kumar, Ombir Singh Sihmar, Rohit Kadiyan, Yogesh Kumar, Naveen Kumar "Association of serum vitamin D levels with osteoporosis and fracture site comminution in elderly patients with hip fractures: A Prospective Study" *Int J Med Pub Health* 2025; 15 (4); 82-86.
20. Ombir Singh Sihmar, Anubhav Chhabra, Ashok Kumar, Anurag Chhabra, Ravi Sihag, Pankaj Kamboj, Rohit Kadiyan, Naveen Kumar, Yogesh Kumar, Akash Ashiwal, Sundeep Kumar, Akshay Kumar "The Profile of Agricultural Injury Cases in a Year Including Two Major Harvesting Seasons Presenting to a Tertiary Health Care Institute in Rural North India" *Int J Med Pub Health* 2025; 15 (4); 1673-1676.
21. Akash Ashiwal, Ashok Kumar, Anubhav Chhabra, Anurag Chhabra, Abhishek Garg, Pankaj Kamboj, Akshay Kumar, Sundeep Kumar, Omvir Singh Sihmar, Rohit Kadiyan, Yogesh Kumar, Naveen Kumar "Evaluation of clinical and functional efficacy of autologous PRP injection combined with adjuvant dry needling in chronic or recurrent idiopathic lateral epicondylitis of the humerus" *Int J Med Pub Health* 2025; 15 (4); 87-92.
22. Sonu, Garg A, Kumar A, Chhabra A, Chhabra A, Agnihotri S, et al. To evaluate functional and radiological outcomes of fixation of displaced distal end radius fractures by percutaneous Kirschner wires connected together with Joshi's clamp: a prospective study. *Int J Med Pub Health*. 2026;16(2):2717-2723. doi:10.70034/ijmedph.2026.2.449.
23. Sahil, Garg A, Kumar A, Chhabra A, Chhabra A, Sonu, et al. Epidemiology of acute traumatic limb amputations at rural tertiary care centre in Haryana. *Int J Acad Med Pharm*. 2026;8(3):87-92. doi:10.47009/jamp.2026.8.3.X.
24. Agnihotri S, Kumar A, Garg A, Chhabra A, Chhabra A, Sonu, et al. Epidemiology of injuries in victims of two-wheeler accidents presenting in accident and emergency department in a tertiary care hospital in a rural setting. *Int J Med Pharm Res*. 2026;7(3):168-174.
25. Kumar R, Chhabra A, Sihag R, Chhabra A, Kumar A, Kamboj P, et al. Percutaneous autologous bone marrow grafting in non-union and delayed union of long bone fractures: a prospective clinical and radiological study. *Int J Curr Pharm Rev Res*. 2026;18(6). doi:10.25258/ijcpr.18.6.99.

26. Kumar A, Chhabra A, Chhabra A, Kumar A, Kamboj S, Sihag R, et al. The clinical outcomes of primary wound debridement and closure in patients with open Gustilo-Anderson grade II, IIIA & IIIB fractures presenting within 24 hours of injury. *Int J Med Pharm Res.* 2026;7(3):3294-3300.
27. Yadav G, Chhabra A, Sihag R, Chhabra A, Kumar A, Kamboj P, et al. Dynamic interlocking nailing supplemented with functional bracing in management of unstable femoral shaft fractures: a prospective study of clinico-radiological outcomes. *Int J Med Pharm Res.* 2026;7(3):2991-2996.
28. Kumar L, Chhabra A, Sihag R, Chhabra A, Kumar A, Kamboj P, et al. Checking the validity of WHO Fracture Risk Assessment (FRAX) score without BMD in Indian population in acute osteoporotic fractures. *Int J Med Pharm Res.* 2026;7(3):2997-0122.

Ongoing Research Projects :

Sr no.	Student Name	Supervisor	Thesis topic
1	Dr. Sarika Sharma	Dr. Anurag Chhabra	Evaluation of clinical & functional efficacy of dry needling at myofascial trigger points in tennis elbow
2	Dr. Manas Sharma	Dr. Anurag Chhabra	A prospective observational study to evaluate and compare total blood loss estimation in major orthopaedic surgeries using visual method and hematocrit based method
3	Dr. Jitender Singh Surya	Dr. Anurag Chhabra	A prospective interventional study on the efficacy of dry needling in the management of cervicothoracic pain induced by myofascial trigger points
4	Dr. Rajeev Mehta	Dr. Anurag Chhabra	A prospective randomized controlled study comparing the efficacy of dry needling and conventional physiotherapy in the management of myofascial lumbosacral back pain
5	Dr. Mohit	Dr Ashok Kumar	Conventional cephalomedullary nail versus cephalomedullary nail with helical blade: A comparative analysis of clinical, radiological & functional outcome in management of intertrochanteric fracture
6	Dr. Pardeep	Dr Ashok Kumar	Clinical and functional outcome of ultrasonic therapy with adjuvant stretching exercises in management of plantar fasciitis
7	Dr. Ravinder Mudgil	Dr Ashok Kumar	Functional and clinico-radiological outcomes of fracture of metacarpals and phalanges of hand managed with Joshi's External Stabilization System (JESS) fixator

8	Dr Chirag	Dr. Anurag Chhabra	Clinical and Radiological Outcomes of Percutaneous Lateral Pinning Technique versus Crossed Pinning Technique for Supracondylar Humerus Fractures in Children: A Prospective Comparative study
9	Dr Shubham	Dr. Anurag Chhabra	Clinical and Functional Outcomes after Intra-articular High-Dose Platelet-Rich Plasma Injection for Kellgren-Lawrence Grade 1 and 2 Knee Osteoarthritis: A Prospective Cohort Study
10	Dr Migul Soni	Dr. Anurag Chhabra	Efficacy of a polyherbal topical antimicrobial agent in management of chronic Non-Healing Wounds
11	Dr Gurdeep Singh	Dr Ashok Kumar	A prospective study of indications of orthopaedic implant removal
12	Dr Kuldeep	Dr Ashok Kumar	Prevalence of Vitamin D Deficiency, Musculoskeletal Symptoms & Fatigue and Clinical Outcomes of Vitamin D Supplementation in Undergraduate Medical Students
13	Dr Diksha	Dr Ashok Kumar	Clinical and radiological evaluation of percutaneous local injection of platelet rich plasma (PRP) in delayed union and non-union of long bones fractures
14	Dr Sahil	Dr Nishith Sharma	Clinical and radiological outcomes following fixation of intertrochanteric femur fractures with cephalomedullary nail using two screws and cephalomedullary nail using helical blade: A comparative study with long term follow up