

Yenepoya Medical College
Department of Orthopaedics

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1. INTRODUCTION

The department of Orthopaedics has 3 functioning units. The department regularly performs joint replacement surgeries like THR, TKR and arthroscopic procedures of the knee and shoulder. The department provides an excellent trauma care. The department is equipped with all trauma implants.

2. OBJECTIVES

- 1) To provide excellent round-the-clock trauma care facilities to the community
- 2) To diversify Orthopaedic care into subspecialties like Arthroplasty, Arthroscopy, Spine Surgery, Traumatology.
- 3) To co-ordinate with other departments and other Institutions for the holistic care of the patient.
- 4) To give the best possible care to all the patients, within the resources available.
- 5) To take academic excellence of undergraduate and postgraduates to International standards.
- 6) To provide tertiary care facilities to patients at very nominal price.

3. COURSES OFFERED

- a. Undergraduate: MBBS – 150 seats / year
- b. Postgraduate: M.S in Orthopaedics 6 seats / year
- c. Ph.D

4. FACULTY:

Sl No	Staff Name	Qualification	Current designation	Year of experience
1	Prof. MahabalaRai	M.S. Ortho	Professor & HOD	32 years
2	Prof.Ravindra Mohan Shenoy	M.S. Ortho	Professor	33 years
3	Prof. ImthiazAhammed	M.S. Ortho	Professor	18 years
4	Prof. Deepak Rai	M.S. Ortho	Professor	17 years
5	Prof. SalauddinArif K.	M.S. Ortho	Professor	18 years
6	Dr. Mohammed Niaz	M.S. Ortho	Associate Professor	7 years

7	Dr. Shailesh Kumar	D'Ortho, DNB Ortho	Assistant Professor	11 years
8	Dr. Aaron Reuben D'Douza	M.S. Ortho	Assistant Professor	5 years
9	Dr. Inthikab Alam	M.S. Ortho	Assistant Professor	4 years
10	D. Abhishek Shetty	M.S. Ortho	Assistant Professor	2 years
11	Dr. Karen Maria D'Sa	M.S. Ortho	Senior Resident	1 year
12	Dr. Ujjwal Sinha	MBBS, DNB Ortho	Senior Resident	1 year
13	Dr. Chaitanya R. Shetty	M.S. Ortho	Senior Resident	1 year
14	Dr. Savith V. Shetty	M.S. Ortho	Assistant Professor	2 Months
15	Dr. Jeevan Pereira	M.S. Ortho, Fellowship in Arthroscopy & Sports Medicine	Assistant Professor	1 week



POSTGRADUATE STUDENTS (Residents):

1. Dr. MohamadIrfanNagnur– Final Year
2. Dr. Manu K. Pratap – Final Year
3. Dr. SandeepRavindran – Final Year
4. Dr. Sushruth S. Srinivas – Final Year
5. Dr. Saem Ishtiaque – Final Year
6. Dr. Anoop S. – 2nd Year
7. Dr. George Joy Pettah – 2nd Year
8. Dr. Mohammed Adam – 2nd Year
9. Dr. Nihal R. Rai – 2nd Year
10. Dr. SamaAnoop Reddy – 2nd Year

11. Dr. VinayakPrabhu – 2nd Year
12. Dr. Abdul Rahman – 1st Year
13. Dr. Nithinchandra Babu – 1st Year
14. Dr. Sanak Tulasiram Yashaswi – 1st Year
15. Dr. Jinash T.P. – 1st Year
16. Dr. Hijas Hameed – 1st Year
17. Dr. Kori Geetish – 1st Year
18. Dr. Goudama Siddhartha Panicker

5. SERVICES PROVIDED

Besides training under-graduate, post-graduate students, the department provides the following services:

- **Spine surgery:**All types of Spinal Surgeries are conducted at par with International standards. The procedures include
 - MicrolumbarDiscectomy
 - Spinal Stabilization
 - Anterior Surgeries
 - Tuberculosis Spine management
 - Cervical Discectomy and Fusion
 - Cervical Junction Surgeries
 - Complex Deformity corrections and Scoliosis surgeries
- **Management of paraplegia:**Many patients who are paraplegic are able to walk today because of the new interventional surgeries.
- **Other latest innovative practices**
 - Microdiscectomy under epidural anaesthesia
 - Anterior Cruciate Ligament Reconstruction
 - Posterior Cruciate Ligament Reconstruction
 - Limb Reconstruction system

Specialized surgeries done in orthopaedic department:

- Arthroscopy
- Anterior cruciate ligament reconstruction
- Arthroscopyassisted bi-cruciateligament reconstruction
- Specialized spine surgeries
- Ilizarov technique
- intramedullary nailing of tibia

6. SPECIAL CLINICS :

Specialityclinics and services being provided by the department:

- Arthritis Clinic- Monday
- Back Ache Clinic- Thursday
- Sports Clinic- Saturday

7. RESEARCH PROJECTS:

1) Faculty research projects (On-going):

S.N.	Topic	Guide
1.	“A rare case of Bizarre ParostealOsteochondromatous lesion causing angular deformities”.	Dr. SalauddinArif K.

2) PG Dissertations (On-going):

S.N.	Topic	Student	Guide
1.	Arthroscopic assisted ACL reconstruction, anatomic fixation versus non anatomic fixation – functional outcome	Dr. MohmadIrfanNagnur	Prof. Ravindra Mohan Shenoy
2.	Intraarticular Administration of Tranexamic Acid In Total Knee Replacement	Dr. Manu K.Prathap	Prof. Deepak K. Rai
3.	Proximal humerus fracture closed operative management versus non operative management	Dr. SaemIshtiaque	Prof. Imthiaz Ahammed K.A.
4.	Advantages and limitations of MIPPO over open reduction techniques in management of fracture tibia.(clinical study)	Dr. SandeepRavindran	Prof. Salauddin Arif K.
5.	Comparative Study Between Intramedullary Interlocking Nailing Vs Plate Osteosynthesis In DiaphysealHumerus Fracture	Dr. Sushruth S. Srinivas	Prof. P. Mahabala Rai
6.	Comprehensive study of fractures around Elbow joint in children	Dr. Anoop S.	Prof. Ravindra Mohan Shenoy
7.	Analysis of effect of epidural steroid infiltration in Lumbarintervertebral	Dr. George Joy Pettah	Prof. Imthiaz Ahammed K.A.

	disc prolapse		
8.	Comprehensive study on management of non united fracture by bone marrow injection	Dr. Mohammed Adham A.M.S.	Prof. Salauddin Arif K.
9.	Comprehensive study of management of calcaneum fracture	Dr. Nihal R. Rai	Prof. P. Mahabala Rai
10.	Immediate functional outcome in Total Knee Replacement with and without use of tourniquet–A comparative prospective study	Dr. Sama Anoop Reddy	Prof. Deepak K. Rai
11.	Comprehensive study of treatment of fracture patella	Dr. Vinayak Prabhu	Prof. P. Mahabala Rai.
12.	Comprehensive study of carpal tunnel syndrome electrophysiological grading and surgical results by carpal tunnel release	Dr. Abdul Rahman	Prof. Imthiaz Ahammed K.A.
13.	Epidemiological studies of deformities of lower limb in Children	Dr. Kori Geetish	Prof. Ravindra Mohan Shenoy
14.	Comprehensive study of hand	Dr. Hijas Hameed	Prof. Ravindra Mohan Shenoy
15.	Comprehensive study of fracture around hip joint in elders	Dr. Jinash T.P	Prof. P. Mahabala Rai
16.	Comprehensive study of tibial plateau fractures	Dr. Nithin Chandra Babu	Prof. Salauddin Arif K.
17.	Comparative study between functional outcome in peri-arthritis treated by manipulation under general anaesthesia and scalene block	Dr. Gaudama Siddhartha Panicker	Prof. Salauddin Arif K.
18.	Comparative study of functional outcome between fixed platform and rotating platform of Total knee Arthroplasty.	Dr. Sanak Tulasi ram Yashaswi	Dr. Deepak Rai

3) Post-graduate dissertations (completed)

S.N.	Topic	Student	Guide
1.	Management of supracondylar fracture by closed reduction and 2 lateral pin fixation	Dr. Mohammad Niaz	Prof. A.N. Dinesh Shankar
2.	Outcome of various treatment modalities in periarthritis shoulder	Dr. Nabeel Mohammed T.P.	Prof. M. Sudhakar Shetty
3.	Evaluation of operative treatment of intertrochanteric fracture of femur	Dr. Riyaz N.N.	Prof. M. Sudhakar Shetty
4.	Comparative study between surgical and conservative treatment of spondylolisthesis	Dr. Anees E.K.	Prof. A.N. Dinesh Shankar
5.	Role of bone graft substitute in treatment of distal radius fracture	Dr. Chintan Hegde	Prof. Imthiaz Ahammed K.A
6.	Role of ultrasonographic evaluation of meniscal lesion of knee	Dr. Sajeer Mohammed Usman	Prof. Deepak K. Rai
7.	Arthroscopically assisted Anterior Cruciate Ligament reconstruction with semitendinosus graft	Dr. Pujary Sanjeed	Prof. Imthiaz Ahammed K.A
8.	Outcome of fracture neck of femur treated by bipolar prosthesis	Dr. Rajan Babu .M	Prof. Salauddin Arif K.
9.	Leukergy diagnostic test for bone infections	Dr. Sachin S. Shetty	Prof. Deepak K. Rai
10.	Role of posterior stabilisation and anterior fusion in thoracolumbar burst fractures	Dr. Vivekananda B.R	Prof. A.N. Dinesh Shankar
11.	Clinical and radiological outcome of distal radius fracture treated with volar plate fixation	Dr. Abhishek V. Shetty	Prof. Deepak K. Rai
12.	Study on the surgical management of ankle fractures	Dr. Mohammed Nabeel Shams	Prof. Imthiaz Ahammed K.A
13.	A prospective study on the surgical management of fracture clavicle	Dr. Nikhil S. Shetty	Prof. Salauddin Arif K.

14.	Role of ultrasonography in rotator cuff tears and confirmation with arthroscopy	Dr. ShahidLatheef	Dr. Alfred Aranha
15.	Arthroscopic acl reconstruction, anatomic fixation versus non anatomic fixation – functional outcome	Dr. Chaitanya R. Shetty	Prof. Imthiaz Ahammed K.A.
16.	Autologous blood injection vs cortico steroid injection in management of tennis elbow	Dr. KashifAkhtar Ahmed	Prof. SalauddinArif K.
17.	Intertrochanteric fractures – proximal femur nailing versus dynamic hip screw fixation	Dr. TusharJyothi	Prof.P. Mahabala Rai
18.	Biochemical profile in osteoporosis above 50 years of age and their significance Vitamin D, Serum Calcium, Serum Phosphorus, total protein Serum Alkaline Phosphatase	Dr. JassimUsman	Prof. Deepak K. Rai
19.	Study of fractures in osteoporosis above the age of 50 years and its management.	Dr. MohamadMusheerHussain	Prof. Salauddin Arif K.
20.	Osteoporosis in general population above 50 years of age.(in and out patients)	Dr. Opinder SinghVirK	Prof. Imthiaz Ahammed K.A.

8. PUBLICATIONS:

2015

1. Boddu C.K., Arif S.K., Hussain M.M., Sankaranarayanan S., Hameed S., Sujir P.R., Knee: Prevention of graft-tunnel mismatch during anatomical anterior cruciate ligament reconstruction using a bone-patellar tendon-bone graft. Accepted for publication Bone Joint Journal 2015;97-B:324-8.
2. Hussain M.M., Arif S.K. “Bizarre Parosteal Osteochondromatous Proliferation causing angular deformities : a case report “ Jan – March 2015 5(1)

2014

1. Hegde A.S. An Interesting Case of Post Traumatic Tibialis Anterior Muscle Herniation. Kathmandu Univ. Medical Journal. 2014;44(4):332-334.
2. Hegde A.S., Babu R.M., Shetty A.V. Bilateral pathological subluxation of hips secondary to tuberculosis in an adult: a rare presentation. Journal of Clinical and Diagnostic Research [serial online]. February 2014; 8(2):183-184.

3. Shams M.N., Imthiaz A.K.A., hedge A.S. A study on surgical treatment of ankle fractures- A clinical study of 21 cases. *International Journal of Biomedical and Advance Research*. April 2014;5(4):190-192.
4. Niaz Management of Supracondylar fracture of the humerus by closed reduction and two lateral pin fixation” *Journal of Evolution Medical and Dental Sciences*. April 07, 2014;3(14):3844 -3855.
5. Srijith P., Niaz M., Ramachandra. Management of intra articular calcaneal fractures by closed reduction with percutaneous Steinmann pin. *Journal of Evolution of Medical and Dental Sciences*. May 2014;3(19):5112-5119.
6. D'sa K.M. Study of post operative wound infections and its outcome in orthopaedic surgeries. *International journal of recent trends in science and technology*. 2014;10(1): 58-60.
7. Kumar S.K.N., Kumar D.P. Giant cell tumor of talus in a skeletally immature patient “ A case report.*Journal of evolution of medical and Dental Sciences /eISSN-2278-4802,pISSN-2278-4748/Nov 10,2014;3(60);13642-647*
8. Hegde A.S., Shenoy R.M., Rai M.P. Giant cell tumor of the distal humerus; a rare presentation. Accepted for publication in *Journal of Orthopaedic Surgery*. December 2014;*(Assigned December 2014 issue)

2013

1. Shenoy R.M., Shenoy A. Safe surgical practices and asepsis. *Archives of Medicine and Health Sciences*. Jan-June 2013;1(1): 38-45
2. Jose AK, Rai D.K., Hegde A.S. A comparative study of the functional outcome between bioabsorbable and metallic interference screw in anterior cruciate ligament reconstruction. *International journal of biomedical research*. November 2013;4(4): page 223-225.
3. Hegde A.S., Babu R.M., Shetty A.V. Management of unstable thoraco-lumbar fractures with pedicular screw instrumentation: A series of 30 cases. *Journal of Clinical and Diagnostic Research* November 2013;7(11): 2563-2566.
4. Hegde A.S., Rai D.K., Jose A.K. A comparison of functional outcome after metallic and bioabsorbable interference screw fixation in arthroscopic anterior cruciate ligament reconstruction. *Journal of Clinical and Diagnostic Research*. April 2014;8(4):01-03.
5. Hegde A.S., Shenoy R.M., Rai D.K.. A rare case of osteosarcoma of proximal fibula, challenges of surgical management. *Archives of Medical and Health Sciences*. 2013; 1(2):155-158.

2012

1. Chintan Hegde, Vishwas Shetty, Sandeep Wasnik, Imthiaz Ahammed, Vijay Shetty. “Use of bone graft substitute in treatment of distal radius fractures in elderly. *European Journal of Orthopaedic Surgery & Traumatology*. July 2012;(On line)

2011

1. Arif K.S. A typical presentation of hyperparathyroidism. *Indian Journal of Applied Research*. November 2011;1(2):86-88.

2010

1. Rekha A., Rai D.K. Familiar Xanthomatoma in Tendo Achilles. The Foot. June-September 2010; 20 (2-3):85-86.

2007

1. Rekha A, Rai. D. K. Giant Cell tumour of the tibia with Xeroderma Pigmentosum. Journal of Clinical and Diagnsotic Research (serial online). February 2007;1 (1):3-9.

2006

1. Pathak S.S, Joseph C., M. Aravinda, Rajan D. Cystic lesion of acromion and lateral end of clavicle in a case of post traumatic acromioclavicular arthritis. J. Orthopaedics.2006; 3(3): 4.

• Publication of Books:

Authored by Prof.(Dr). Ravindra Mohan Shenoy:

Sl No	Title of the Publication/ Book chapter	Journal/ Volume	Year
1	Essentials of Orthopadics	2 nd Edition Jaypee Publishers New Delhi	2014
2	Orthopaedid Ready Recknor	2 nd Edition Jaypee Publishers	2012
3	Orthopaedid Ready Recknor	1 st Edition Jaypee Publishers	2010
4	Essentials of Orthopadics	1 st Edition Jaypee Publishers 2009-10	2009

9. EXTENSION ACTIVITIES

1. Bone density camp.
2. Medical check-up camp.
3. CME and Workshop on External Fixator was organized on 18th January 2015.
4. “Scoliosis and Limb Deformity Camp 2011” was Organizedon 18th, 19th, and 20th of February 2011.

5. Knee And Shoulder Camp 2010 (18th, 19th & 20th of September 2010)
6. Arthroplasty Camp 2010 (24th – 29th May 2010)