

Dr Ajay.S.S (MBBS, MS)



Dr AJAY S S

MS ORTHOPAEDICS, FELLOWSHIP IN
JOINT REPLACEMENT

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PERSONAL DETAILS

Date of Birth	09/02/1992
Father's Name	Dr.Satish.S.Y
Mother's Name	Savithri.S.G
Brother's Name	Arjun.S.S
Residential Address/ Address for communication	Satish nivas, Barlane road, Chikkamagaluru – 577101, Karnataka. INDIA
Marital status	Married
Spouse	Dr Snehitha A (BDS, MDS-OMFS, AOMSI-Oral Oncology)

ACADEMIC PROFILE

FELLOWSHIP IN ARTHROPLASTY **07/04/2022-06/04/2023**

Balaji institute of surgery research and rehabilitation for the disabled-BIRRD HOSPITAL,
(NTR university) Shri Venkateshwara institute of medical sciences,
Tirupati, Andhra Pradesh.

Senior Resident

Sri Devraj Urs Medical college, 27/10/2020-06/04/2022
Kolar, Karnataka.

MS Orthopaedics 06/2017 – 14/08/2020

JJM Medical College,
Davangere, Karnataka.

Secured 67%(3rd Rank in RGUHS merit list) in the PG university exams held in the month of July 2020

MBBS 06/2009 – 3/2015

Karnataka institute of medical sciences,
Hubli, Karnataka

TRAINING

FELLOWSHIP IN ARTHROPLASTY **07/04/2022-06/04/2023**

Balaji institute of surgery research and rehabilitation for the disabled-BIRRD HOSPITAL

- ❖ **BIRRD** operates from a spacious hospital with a capacity of 250 beds, ONE OF THE LARGEST TERTIARY CARE ORTHOPAEDIC CENTRE IN ANDHRA PRADESH.
- ❖ Trained in all aspects of joint preservation to complex joint reconstruction and arthroplasty of hip and knee.
- ❖ Knee Arthroplasty:
 - Trained in conservative Management of early arthritis with extensive physical therapy , PRP INJECTION, HYALURONATE SODIUM INJECTION, FUNCTIONAL BRACING, GENICULAR NERVE BLOCKS.
 - Assisted 550 cases of primary and complex primary knee arthroplasty. 20 cases of revision knee arthroplasty surgeries including tumor prosthesis.
 - Individually performed 40 cases of knee arthroplasty during the fellowship period.
 - Training also involved extensive postoperative rehabilitation.
- ❖ Hip Arthroplasty:
 - Trained in conservative Management of early hip arthritis with extensive physical therapy, core decompression with PRP / Bone marrow injection.
 - Assisted 80 cases of primary and complex primary hip arthroplasty & revision surgeries.

SENIOR RESIDENT :

27/10/2020- 06/04/2022

Sri Devaraj Urs Medical college, Kolar

- ❖ Worked in the department of orthopaedics and involved in managing OPD cases and all emergency surgeries such as compound fractures and primary stabilization of polytrauma cases and wound care .
- ❖ Performed surgeries including nailing and plating for long bone fractures, Achilles tendon repair, hand surgeries including tendon repair and partial amputation of digits, trigger finger release. Patella fractures. k-wire fixation for small bones involving hand and foot.
- ❖ Trained in split skin grafting and wound management.
- ❖ Assisted Ilizarov fixation for complex fractures involving the tibia and its non union.
- ❖ Assisted primary replacement surgeries involving the hip and knee joint. Arthroscopic ACL reconstruction.

-Academic activities include teaching programmes for post graduates and undergraduates as per the schedule.

-Skill lab training to undergraduates and postgraduates on a monthly basis.

-Team coordinator for conducting a webinar on basics of ilizarov which involved renowned faculty from all over the country.

JUNIOR RESIDENT IN ORTHOPEDICS

06/2017 – 14/08/2020

JJM Medical College, Davangere

- ❖ Managed OPD of 200 – 250 patients per day
- ❖ Worked in orthopaedics department till date, involved in diagnosis and management of emergency cases like primary wound debridement & external fixator application, primary internal fixation of compound fractures,
- ❖ Supervised in surgeries and performed a number of surgeries to help patients get treatments
- ❖ Demonstrated a series of clinical cases
- ❖ Teaching program including seminars and journal club
- ❖ Participated in community activities by attending health camps
- ❖ Graded responsibility in care of patients and operative work

Trauma care

- ❖ Closed reductions of fractures, Plaster application, debridement of open fractures, external fixations and internal fixations of minor fractures with K wire.
- ❖ Tension band wiring of fracture patella, fracture olecranon, DCP of forearm bones, tibia, etc., DHS and DCS.
- ❖ Hemi replacement arthroplasty of femur, dynamic condylar screw fixation and interlocking

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nailing of long bone fractures, TENS for pediatrics long bone fractures.

Non-traumatic conditions

- ❖ Manipulative correction of congenital problems like CTEV, biopsies, excision of benign lesions and tendon lengthening.
- ❖ Carpal tunnel release, bone grafting and soft tissue release under supervision, ganglion excision/ aspiration. Intra articular steroid injections or PRP injection for various musculoskeletal conditions. PRP/steroid injection for plantar fasciitis, lateral epicondylitis.

MEDICAL REGISTRATIONS

MBBS – KIMS, Hubli 04/2015
Rajiv Gandhi University of Health Sciences, Bengaluru.
Karnataka Medical Council

MS-ORTHOAEDICS, JJMMC, DAVANGERE 09/10/2020
Rajiv Gandhi University of Health Sciences,
Bengaluru.Karnataka Medical Council

PAPER PUBLICATIONS

Research article

- ❖ Kulambi VS, Satish AS, Rangaraja P. Surgical management of basicervical fracture neck of femur with dynamic hip screw and derotation screw: a prospective study. Int J Res Orthop 2019;5:712-7.
- ❖ Gupta VSK, Satish AS (2019) Flexible Intramedullary Nailing for Unicameral Bone Cyst of Humerus in Children: A Case Series. J Clin Exp Orthop Vol.5 No.3:69.(in press)
- ❖ Madhan Jeyaraman, Ramesh.R, Kartavya Chaudhari, Ajay.S.S, Prajwal.G.S. Surgical Management of Giant Cell Tumour of Tendon Sheath (GCT-TS) of hands – An Institutional Experience. Scientia Riserca. Orthopaedic Surgery and Traumatology – Open Access. 2019;2(5):396-404.

Ramesh.R, Madhan Jeyaraman, Prathik.R, Ajay.S.S, Preethi Selvaraj. Conservative & physical therapy vs Corticosteroid therapy vs Percutaneous needling with autologous platelet rich plasma therapy for de Quervain’s stenosing tenosynovitis in a tertiary care hospital. E-Scientific Journal of Orthopaedics and Trauma Care. 2019;1(1):001-008. [**BEST ARTICLE of the issue**]
- ❖ Prasanna Anaberu, Madhan Jeyaraman, Kartavya Chaudhari, Ajay SS, Sabarish K, Preethi Selvaraj. Prospective Study on Functional Outcome of Retrograde Femoral Nailing in Distal Third Femoral Fractures. J Clin Exp Orthop. 2019;5(1):65.

- ❖ Prasanna Anaberu, Madhan Jeyaraman, Kartavya Chaudhari, Ajay SS, Likhith D, Preethi Selvaraj. Surgical Management of Paediatric Diaphyseal Long Bone Fractures using TENS – An Institutional Experience. *Orthopaedics and Muscular system: Current Research*. 2019;8(1):271.
- ❖ Jeyaraman M, Ramesh R, Chaudhari K, Ajay SS, Mendiratta D, Likhith D, Sushmita H, Nilekani A, Aradhyula K, Selvaraj P. Overview of Bone Tumours in a Tertiary Care Hospital. *J Orthop Oncol*. 2019;5:130.
- ❖ Ravinath TM, Madhan Jeyaraman, Ajay SS, Sabarish K, Ravi Weera. Lateral Hardinge's versus Posterior Southern Moore's approach in Total Hip Arthroplasty – A Prospective Cohort Study. *J Clin Exp Orthop*. 2019;5(2):67.
- ❖ Madhan Jeyaraman, Kartavya Chaudhari, Ajay SS, Sabarish K, Likhith D. A comparative study on intramedullary nailing versus dynamic compression plating in diaphyseal humeral fractures in adults. *z*. 2019;8(1):274.
- ❖ Ramesh.R, Madhan Jeyaraman, Ajay SS, Likhith D, Kartheek Aradhyula VS. A Case Series of Skeletal Dysplasia in a Tertiary Care Hospital.
- ❖ Kumar RJ, Anaberu P, Shringeri AS, Rakshith A, Hullatti P (2020) Supracondylar Process, an Institutional Experience of a Rare Case Series. *Orthop Muscular Syst* 9:278.
doi:10.35248/2161-0533.2020.9.278.

Publications as Senior resident :

- ❖ Ajay SS, Manivannan and Jeyaraman / *IP International Journal of Orthopaedic Rheumatology* 2020;6(2):76–79. <https://doi.org/10.18231/j.ijor.2020.018>.
How does medial compartment osteoarthritis of knees respond to proximal fibular osteotomy at one year ? – A prospective analysis of 26 knees
- ❖ **Ethiraj P, Shringeri AS, Prasad P A, Shanthappa AH, Nagarajan V. Early Total Care Versus Damage Control Orthopedics in Floating Knee Injury: Analysis of Radiological and Functional Outcomes. *Cureus*. 2022 Jun 2;14(6):e25615. doi: 10.7759/cureus.25615. PMID: 35784973; PMCID: PMC9249040. (PUBMED)**

ARTICLES ON COVID-19:

- ❖ Jeyaraman, M., Somasundaram, R., Anudeep, T.C., Ajay, S.S., Vinodh, K.V., Jain, R. and Khanna, M. (2020) Mesenchymal Stem Cells (MSCs) as a Novel Therapeutic Option for nCOVID-19—A Review. *Open Journal of Regenerative Medicine*, 9, 20-35. <https://doi.org/10.4236/ojrm.2020.92004>
- ❖ Rashmi Jain , Ajay SS , Talagavadi Channaiah Anudeep , Dharma U Shetty , Madhan Jeyaraman , Aditi Chawla , Shivam Mahajan , Trisha Tarunita. Current Consensus Review Article on Drugs and Biologics against nCOVID-19 – A Systematic Review. ISSN: 2231-2196 (Print). *International Journal of*

Current Research and Review DOI:

<http://dx.doi.org/10.31782/IJCRR.2020.12096>

- ❖ Madhan Jeyaraman , Arun Gulati , Talagavadi Channaiah Anudeep , Dharma U Shetty , Latha S , Ajay SS, Rashmi Jain , Madhurya Santosh. Vitamin-D: An Immune Shield Against nCOVID-19. ISSN: 2231-2196 (Print). International Journal of Current Research and Review
DOI: <http://dx.doi.org/10.31782/IJCRR.2020.12095>

Case report

- ❖ Ravinath.T.M, Madhan Jeyaraman, Kartavya Chaudhari, Ajay.S.S, Prajwal.G.S, Sushmita H. Polyostotic fibrous dysplasia of humerus and radius – A rare case report. Ortho & Rheum Open Access J 2019; 13(4):001-006.
- ❖ Ramesh R, Chaudhari K, Ajay SS. Surgical management of unusual large tophi in chronic tophaceous gout a case report. Indian J Orthop Rheumatol 2019;5(1):
- ❖ Prasanna Anaberu, Deepak Kumar M. M, Kartavya Chaudhari, Ajay S. S. Proximal Tibia Osteosarcoma Presenting Late: A Case Report. International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064.

e-Book

- ❖ Titanium Elastic Nailing System (TENS) in Pediatric Diaphyseal long bone fractures. Innovation Works.

Ongoing project:

Lateral parapatellar approach with lateral epicondylar sliding osteotomy in severe OA knee with fixed valgus deformity - A case series

ABSTARCTS AND PRESENTATIONS

Presentation

- ❖ A prospective study on management of basicervical fracture neck of femur treated with dynamic hip screw and derotation screw. KOACON 2019, from 1st to 3rd February 2019, held in Clarks Exotica Spa Resorts, Bengaluru, Karnataka.
- ❖ Flexible Intramedullary Nailing for Unicameral Bone Cyst of Humerus in Children: A Case Series. KOACON 2020, from 31st Jan to 2nd Feb 2020, held at VIMS Ballari.

E-POSTERS :

- ❖ Surgical Management of multiple Large Tophi in Chronic Tophaceous Gout a case report. KOACON 2019, from 1st to 3rd February 2019, held in Clarks Exotica Spa Resorts, Bengaluru, Karnataka.

- ❖ A prospective Study On Hybrid External Fixation For Proximal Tibia Fractures In A

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- Tertiary Care Hospital. KOACON 2019, from 1st to 3rd February 2019, held in Clarks Exotica Spa Resorts, Bengaluru, Karnataka.
- ❖ Management of basicervial fracture neck of femur Treated with dynamic hip screw and de-rotation screw, A prospective study, IOACON kolkata 2019 , 19-24 november 2019, biswa bangla convention centre , Kolkata.
 - ❖ A prospective Study On Hybrid External Fixation For Proximal Tibia Fractures
In A Tertiary Care Hospital . IOACON kolkata 2019 , 19-24 november 2019, biswa bangla convention centre , Kolkata.
 - ❖ A PROSPECTIVE STUDY ON FUNCTIONAL OUTCOME OF RETROGRADE FEMORAL NAILING IN DISTAL THIRD FEMORAL FRACTURES. IOACON kolkata 2019 , 19-24 november 2019, biswa bangla convention centre , Kolkata.
 - ❖ RIGHT PROXIMAL FEMUR SOLITARY ENCHONDROMA WITH PATHOLOGICAL FRACTURE – A RARE CASE REPORT. KOACON 2020, from 31st Jan to 2nd Feb 2020, held at VIMS, Ballari.

DISSERTATION:

- ❖ A prospective study of surgical management of basicervial fracture neck of femur treated with dynamic hip screw and de-rotation screw under RGUHS.

CONFERENCES & CME's

- ❖ “Current Concepts in Interlocking Nailing” on 23rd September, 2017, Davangere Orthopaedic Society, JJMMC and SSIMS & RC, Davangere, Karnataka.
- ❖ “First Instructional Course on Paediatric Metabolic Bone Disease & Skeletal Dysplasias” from 15th to 18th October, 2017, Dept of Orthopedics & The Unit of Hope, St. John’s Medical College & Hospital, Bengaluru, Karnataka.
- ❖ KOACON 2019, from 1st to 3rd February 2019, held in Clarks Exotica Spa Resorts, Bengaluru, Karnataka.
- ❖ KOA Basic course in hand surgery on 3rd august 2019, SSIMS & RC , JJMMC , Davangere, Karnataka.
- ❖ St. John’s Ortho CME & PG instructional course, 30 & 31 August 2019, St John’s

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- ❖ IOACON KOLKATA 2019, 19-24 NOVEMBER 2019, BISWA BANGLA CONVENTION CENTRE, KOLKATA.
- ❖ KOACON 2020, from 31st Jan to 2nd Feb 2020, held at VIMS, Bellary.
- ❖ Basics of Arthroplasty Surgery -total hip and knee replacement, Cadaveric workshop held at Ramaiah ALC , Bangalore on 30th September , 2022
- ❖ Ranawat Orthopaedic conference – Advances & Techniques in Joint replacement Surgery, Arthroscopy & Spine . 19th Winter meeting CME. 19th – 21st January, Westin hotel,
Powai Lake. Mumbai .