



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

6th Annual Report, 2018-2019



Format

FACULTY AND STAFF

S. No.	Name of Faculty	Designation
1.	Prof. (Dr.) Alok C. Agrawal	Professor and Head, Department of Orthopaedics, AIIMS Raipur
2.	Dr. Bikram Keshari Kar	Associate Professor, Department of Orthopaedics, AIIMS Raipur
3.	Dr. Harshal S. Sakale	Assistant Professor, Department of Orthopaedics, AIIMS Raipur
4.	Dr. Bikas Kumar Sahoo	Assistant Professor, Department of Orthopaedics, AIIMS Raipur
5.	Dr. Sandeep K. Yadav	Assistant Professor, Department of Orthopaedics, AIIMS Raipur
1.	Dr. Sameer Mittal	Senior Resident, Dept. of Orthopaedics
2.	Dr. Rudra Pratap Singh	Senior Resident, Dept. of Orthopaedics
3.	Dr. Vishal Victor Kujur	Senior Resident, Dept. of Orthopaedics
4.	Dr. Ravindra Prasad	Senior Resident, Dept. of Orthopaedics
5.	Dr. Manikant Anand	Senior Resident, Dept. of Orthopaedics
6.	Dr. Mukund Madhav Ojha	Senior Resident, Dept. of Orthopaedics
7.	Dr. Anand Kumar Singh	Senior Resident, Dept. of Orthopaedics
8.	Dr. V. Nagraju	Senior Resident, Dept. of Orthopaedics
1.	Dr. Buddadeb Nayak	PG- JR, Dept. of Orthopaedics
2.	Dr. Sharatha Kowshik	PG- JR, Dept. of Orthopaedics
3.	Dr. Rakshit J.	PG- JR, Dept. of Orthopaedics
4.	Dr. Rudra Narayan Dash	PG- JR, Dept. of Orthopaedics

HIGHLIGHTS

The department of Orthopaedics provides quality health care, medical education at graduate and postgraduate level, Orthopaedic training to nursing students, Speciality care of children with congenital club foot, and patients presented with Sports injuries and problem related to Spine and also involved in research activities. The department conducted a National symposium on Pelvic and Acetabular fractures & Cadaveric workshop in the month of August 2018 almost 150 Orthopaedics surgeons from all over the country attended the symposium. Department had also conducted the First Post Graduate Teaching Course on 15th & 16th December 2018. Almost 75 Post graduate students from different institute attended the course and benefited.

EDUCATION

1. Lectures for MBBS students- 3rd, 4th, 5th year.
2. Bed side clinics for MBBS medical students
3. Postgraduate classes in the form of case presentations
4. Lectures for 2nd year nursing students
5. Log Book for MBBS students
6. The students have been attending clinical meetings along with Raipur Orthopaedic Society. Currently department have 04 postgraduate students.

- Organised a Two day Post Graduate Teaching Course with practical Training to orient our postgraduates in exam methodology.



Director AIIMS Patna Prof. Dr. G K Singh Inaugurating the First AIIMS Raipur Post-Graduate Teaching Course

CMEs/Workshops/Symposia/National and International Conferences

- National Symposium on Pelvi-Acetabular fracture and Cadaveric Workshop on 25th August 2018- AIIMS, Raipur (CG).
- Post Graduate Teaching Course on 15th – 16th December 2018- AIIMS, Raipur (CG).
- Attended CME on “ Laws applicable to Hospitals: Case studies on Challenges and Possible Solutions . Organised by AIIMS Raipur on 19-01-2019
- Participated in Patient Safety and Quality Care Workshop as Faculty on 4 and 5 February 2019 at AIIMS Raipur
- Certificate of Participation in online Point of Care Quality Improvement on 7th February 2019 by WHO and USAID.
- Awarded 23 European CME Credits ECMEC’s for attending 39th SICOT OWC Canada 10-13 October 2018
- Completed training for Cadaveric Lab Shoulder during SICOT OWC Canada.
- Attended and Completed A O spine advanced Seminar India Raipur on 24-11-201

Lectures delivered at CMEs, National and International conferences

Name of faculty member- Prof. Dr. Alok Chandra Agrawal

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
--------	---------------	----------------------------	------	-------	------

1.	Pelvic Fracture: The problem and current scenario	National Symposium on Pelvic and acetabular fractures and Cadaveric Workshop	25.08.2018	AIIMS Raipur	Raipur
2.	1. Multiple spotters covering finer aspects of orthopaedic ward rounds 2. Multiple spotters and combined faculty discussion	Post Graduate Teaching Course	15 th - 16 th Dec. 2018	AIIMS Raipur	Raipur
3.		39 th SICOT Orthopaedics World Congress	10 th -13 th Oct. 2018	Montreal Canada	Montreal
4.	Excision of proximal forearm bones as salvage for extracompartmental Malignant Fibrous Histiocytoma of ulna	CGIOACON 2019	23 rd to 24 th Feb 2019	Bilaspur	Bilaspur
5.	Management of Recurrence in Giant Cell Tumours	CEZCON 2018	14 th -17 th Sept. 2018	Siligudi	Siligudi

Oral and Poster Presentations:

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	1- Quadruple Osteotomy: A simple approach to treat "O" Deformity in Hypophosphatemic Rickets 2- Management of Idiopathic Clubfoot by Poinsettia Method	CEZCON 2018	14 th -17 th Sept. 2018	Siligudi	Siligudi
2.	1- Limb salvage in long bone fractures 2- Excision of Proximal forearm bones as Salvage for Extra compartmental Malignant Fibrous Histiocytoma of Ulna.	CGIOACON 2019	23 rd to 24 th Feb 2019	Bilaspur	Bilaspur
3.	1- Can Syndromic Club foot be treated. 2- Can we prevent Complications in limb salvage for bone tumours? 3- Limb Salvage for bone tumors. 4- Excision of proximal forearm bones as a salvage method for extra compartmental malignant fibrous histiocytoma of the Ulna	39 th SICOT Orthopaedics World Congress	10 th -13 th Oct. 2018	Montreal Canada	Montreal

Name of faculty member- Dr. Bikram Keshari Kar

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Acetabular fracture- basic radiology & fracture pattern	National Symposium on Pelvic and acetabular fractures and Cadaveric Workshop	25.08.2018	AIIMS Raipur	Raipur
2.	General examination of knee Joint	Post Graduate Teaching Course	15 th - 16 th Dec. 2018	AIIMS Raipur	Raipur
3.	Approach to cervical spondylitis	Delivered a lecture in APCSS	Nov. 2018	Delhi	Delhi

Name of faculty member- Dr. Harshal Sakale

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1	Pelvic ring fractures basic radiology and fracture pattern special test of Knee	National Symposium on Pelvic and acetabular fractures and Cadaveric Workshop	25.08.2018	AIIMS Raipur	Raipur
2	Special Test of Knee	Post Graduate Teaching Course	15 th - 16 th Dec. 2018	AIIMS Raipur	Raipur
3	Role of PRP in OA	IORACON 2018	29 th - 30 th Sep. 2018	Jabalpur	Jabalpur

Oral and Poster Presentations:

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Venue	City
1.	Dr. Harshal S Sakale Prof. Dr. Alok C Agrawal	Management of Non-idiopathic CTEV by Ponseti's Method	British Indian Orthopaedic Indian Society (BIOS) Annual Conference, Cedar Court Hotel, Ainley Top, Huddersfield	29 th -30 th June 2018	Cedar Court Hotel, Ainley Top Huddersfield	Huddersfield (U.K.)

Name of faculty member- Dr. Bikas Sahoo

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1	CTEV	Post Graduate Teaching Course	15 th - 16 th Dec. 2018	AIIMS Raipur	Raipur

Oral and Poster Presentations:

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Management of infected non union of tibia with Ilizarov technique	CEZCON 2018	14 th -17 th Sept. 2018	Siligudi	Siligudi

RESEARCH

Funded projects

Ongoing

S. No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year–End	Total funds sanctioned (Rs)
1.	Estimation of Plasma Interleukin-33 level in Sickle cell disease patient with hip osteonecrosis	Dr. Alok C. Agrawal	AIIMS Intra Mural Grant	1 Year	March 2018	5 Lakhs
2.	Role of Intrarticular PRP injection in early stage of OA knee	Dr. Harshal Sakale	Intramural project AIIMS Raipur	2 Years	Feb. 2018- Feb. 2020	1.50 Lakhs

Departmental projects (including thesis/dissertations)

Ongoing (Please do not list faculty/guide/candidate names or whether it is a PhD, DM, MD thesis, etc.)

S. No.	Title of the Project
1.	Comparative study between Supra-scapular nerve block versus platelet rich plasma injection in the treatment of Adhesive Capsulitis of Shoulder joint.
2.	Management of clubfoot by Joshi's External Stabilizing system. A comparison between Spring and manual Distractor.
3.	Characteristic of foot morphology and their relationship to gender, Age, Body mass index, plantar pressure distribution and bilateral asymmetry in Indian adults with normal and symptomatic foot
4.	Correlation of arthroscopy based femoral intercondylar notch dimensions in patients with anterior cruciate ligament(ACL) tear with MRI based measurements and cadaveric measurements of intercondylar notch with intact anterior cruciate ligament
5.	Management of early presenting fracture neck of femur in young adults. A comparative study between Osteosynthesis with and without fibular Graft.

Collaborative projects

S. No.	Title of the Project	Collaborating department/institution
1.	Impact of selected yoga posture on core muscle in degenerative disk disease without neurological deficit	Department of Anatomy, AIIMS Raipur
2.	Comparative study between dexmedetomidine and dexamethasone adjuvant to levobupivacaine in ultrasound guided supraclavicular brachial plexus block scheduled for upper limb surgery	Department of Anaesthesia AIIMS Raipur
3.	Prevalence, diagnosis and treatment of Nontuberculous Mycobacteria in India: A Multicentric project".	Department of Microbiology/ Orthopaedics/Medicinep AIIMS Raipur

PUBLICATIONS

Prof. Dr. Alok C. Agrawal,

- Vascularity of femoral head and its assessment after femoral neck fractures**
Harshal Sakale, Alok C Agrawal, Bikram Keshri Kar, Bikas Sahoo, Sandeep K Yadav
DOI:10.4103/jodp.JODP_5_18
- Classification of fracture neck of femur**
Bikas Sahoo, Alok C Agrawal, Bikram K Kar, Harshal Sakale, Sandeep K Yadav, Sameer Mittal
DOI:10.4103/jodp.JODP_15_18
- Early management of fracture neck of femur**
Abhishek Jain, Alok C Agrawal, Bikas K Sahoo, Sandeep K Yadav, Bikram Keshri Kar, Harshal S Sakale
DOI:10.4103/jodp.JODP_8_18
- Pediatric fracture neck of femur**
Sandeep K Yadav, Alok C Agrawal, Bikram Keshri Kar, Harshal S Sakale, Bikas Sahoo, Rahul K Chandan
DOI:10.4103/jodp.JODP_7_18
- Delayed diagnosed femoral neck fractures**
Bikram K Kar, Alok C Agrawal, Sandeep K Yadav, Harshal Sakale, Bikas Sahoo
DOI:10.4103/jodp.JODP_6_18
- Failure of fixation of fracture neck of femur and remedies for management**
Sameer Mittal, Alok C Agrawal, Bikram K Kar, Harshal Sakale, Bikas Sahoo, Sandeep K Yadav
DOI:10.4103/jodp.JODP_10_18
- Technique for the removal of a locking screw from a broken locking plate following cold welding**
Alok Chandra Agrawal, Mangesh Mahadeo Chandewar, Rahul Kumar Chandan
DOI:10.4103/jotr.jotr_26_18
- Transverse terminal upper limb deficiency through the arm: The problem and management**
Alok Chandra Agrawal, Harshal Sakale, Sandeep Kumar
DOI:10.4103/jotr.jotr_39_18
- Quadruple osteotomy: A simple approach to treat "O" deformity in hypophosphatemic rickets**
Alok Chandra Agarwal, Bikram Kesari Kar, Harsal Sakale, Avinash Kumar, Rudra Thakur
DOI:10.4103/jotr.jotr_19_18
- Sakale H, Agrawal AC, Kar B. **Management of infected nonunion of tibia by Ilizarov technique.** *J Orthop Traumatol Rehabil* 2018;10:1-6.

11. 11. Neglected fracture neck of femur: Our experience. Alok C Agrawal
DOI:10.4103/jodp.JODP_9_18
12. **Limb Salvage for malignant bone Tumours: Surgical audit in a case of osteogenic sarcoma. Alok C Agrawal. DOI:10.4103/jodp.JODP_1_18**

Dr. Bikram Keshari Kar.

1. **Vascularity of femoral head and its assessment after femoral neck fractures**
*Harshal Sakale, Alok C Agrawal, **Bikram Keshri Kar**, Bikas Sahoo, Sandeep K Yadav*
DOI:10.4103/jodp.JODP_5_18
2. **Classification of fracture neck of femur**
*Bikas Sahoo, Alok C Agrawal, **Bikram K Kar**, Harshal Sakale, Sandeep K Yadav, Sameer Mittal*
DOI:10.4103/jodp.JODP_15_18
3. **Early management of fracture neck of femur**
*Abhishek Jain, Alok C Agrawal, Bikas K Sahoo, Sandeep K Yadav, **Bikram Keshri Kar**, Harshal S Sakale*
DOI:10.4103/jodp.JODP_8_18
4. **Pediatric fracture neck of femur**
*Sandeep K Yadav, Alok C Agrawal, **Bikram Keshri Kar**, Harshal S Sakale, Bikas Sahoo, Rahul K Chandan*
DOI:10.4103/jodp.JODP_7_18
5. **Delayed diagnosed femoral neck fractures**
***Bikram K Kar**, Alok C Agrawal, Sandeep K Yadav, Harshal Sakale, Bikas Sahoo*
DOI:10.4103/jodp.JODP_6_18
6. **Failure of fixation of fracture neck of femur and remedies for management**
*Sameer Mittal, Alok C Agrawal, **Bikram K Kar**, Harshal Sakale, Bikas Sahoo, Sandeep K Yadav*
DOI:10.4103/jodp.JODP_10_18
7. **Quadruple osteotomy: A simple approach to treat “O” deformity in hypophosphatemic rickets**
*Alok Chandra Agarwal, **Bikram Kesari Kar**, Harsal Sakale, Avinash Kumar, Rudra Thakur*
DOI:10.4103/jotr.jotr_19_18
8. Sakale H, Agrawal AC, **Kar B. Management of infected nonunion of tibia by Ilizarov technique. J Orthop Traumatol Rehabil** 2018;10:1-6.

Dr. Harshal S. Sakale.

1. **Vascularity of femoral head and its assessment after femoral neck fractures**
Harshal Sakale, Alok C Agrawal, Bikram Keshri Kar, Bikas Sahoo, Sandeep K Yadav
DOI:10.4103/jodp.JODP_5_18
2. **Classification of fracture neck of femur**
*Bikas Sahoo, Alok C Agrawal, Bikram K Kar, **Harshal Sakale**, Sandeep K Yadav, Sameer Mittal*
DOI:10.4103/jodp.JODP_15_18
3. **Early management of fracture neck of femur**
*Abhishek Jain, Alok C Agrawal, Bikas K Sahoo, Sandeep K Yadav, Bikram Keshri Kar, **Harshal S Sakale***
DOI:10.4103/jodp.JODP_8_18
4. **Pediatric fracture neck of femur**
*Sandeep K Yadav, Alok C Agrawal, Bikram Keshri Kar, **Harshal S Sakale**, Bikas Sahoo, Rahul K Chandan*
DOI:10.4103/jodp.JODP_7_18
5. **Delayed diagnosed femoral neck fractures**
*Bikram K Kar, Alok C Agrawal, Sandeep K Yadav, **Harshal Sakale**, Bikas Sahoo*
DOI:10.4103/jodp.JODP_6_18
6. **Failure of fixation of fracture neck of femur and remedies for management**
*Sameer Mittal, Alok C Agrawal, Bikram K Kar, **Harshal Sakale**, Bikas Sahoo, Sandeep K Yadav*
DOI:10.4103/jodp.JODP_10_18
7. **Transverse terminal upper limb deficiency through the arm: The problem and management**

Alok Chandra Agrawal, **Harshal Sakale**, Sandeep Kumar
DOI:10.4103/jotr.jotr_39_18

8. **Quadruple osteotomy: A simple approach to treat “O” deformity in hypophosphatemic rickets**
Alok Chandra Agrawal, Bikram Kesari Kar, **Harsal Sakale**, Avinash Kumar, Rudra Thakur
DOI:10.4103/jotr.jotr_19_18
9. **Sakale H**, Agrawal AC, Kar B. **Management of infected nonunion of tibia by Ilizarov technique.** *J Orthop Traumatol Rehabil* 2018;10:1-6.

Dr. Bikas Sahoo.

1. **Vascularity of femoral head and its assessment after femoral neck fractures**
Harshal Sakale, Alok C Agrawal, Bikram Keshri Kar, **Bikas Sahoo**, Sandeep K Yadav
DOI:10.4103/jodp.JODP_5_18
2. **Classification of fracture neck of femur**
Bikas Sahoo, Alok C Agrawal, Bikram K Kar, Harshal Sakale, Sandeep K Yadav, Sameer Mittal
DOI:10.4103/jodp.JODP_15_18
3. **Early management of fracture neck of femur**
Abhishek Jain, Alok C Agrawal, **Bikas K Sahoo**, Sandeep K Yadav, Bikram Keshri Kar, Harshal S Sakale
DOI:10.4103/jodp.JODP_8_18
4. **Pediatric fracture neck of femur**
Sandeep K Yadav, Alok C Agrawal, Bikram Keshri Kar, Harshal S Sakale, **Bikas Sahoo**, Rahul K Chandan
DOI:10.4103/jodp.JODP_7_18
5. **Delayed diagnosed femoral neck fractures**
Bikram K Kar, Alok C Agrawal, Sandeep K Yadav, Harshal Sakale, **Bikas Sahoo**
DOI:10.4103/jodp.JODP_6_18
6. **Failure of fixation of fracture neck of femur and remedies for management**
Sameer Mittal, Alok C Agrawal, Bikram K Kar, Harshal Sakale, **Bikas Sahoo**, Sandeep K Yadav
DOI:10.4103/jodp.JODP_10_18

Dr. Sandeep K. Yadav.

1. **Vascularity of femoral head and its assessment after femoral neck fractures**
Harshal Sakale, Alok C Agrawal, Bikram Keshri Kar, Bikas Sahoo, **Sandeep K Yadav**
DOI:10.4103/jodp.JODP_5_18
2. **Classification of fracture neck of femur**
Bikas Sahoo, Alok C Agrawal, Bikram K Kar, Harshal Sakale, **Sandeep K Yadav**, Sameer Mittal
DOI:10.4103/jodp.JODP_15_18
3. **Early management of fracture neck of femur**
Abhishek Jain, Alok C Agrawal, Bikas K Sahoo, **Sandeep K Yadav**, Bikram Keshri Kar, Harshal S Sakale
DOI:10.4103/jodp.JODP_8_18
4. **Pediatric fracture neck of femur**
Sandeep K Yadav, Alok C Agrawal, Bikram Keshri Kar, Harshal S Sakale, Bikas Sahoo, Rahul K Chandan
DOI:10.4103/jodp.JODP_7_18
5. **Delayed diagnosed femoral neck fractures**
Bikram K Kar, Alok C Agrawal, **Sandeep K Yadav**, Harshal Sakale, Bikas Sahoo
DOI:10.4103/jodp.JODP_6_18
6. **Failure of fixation of fracture neck of femur and remedies for management**
Sameer Mittal, Alok C Agrawal, Bikram K Kar, Harshal Sakale, Bikas Sahoo, **Sandeep K Yadav**
DOI:10.4103/jodp.JODP_10_18

7. **Transverse terminal upper limb deficiency through the arm: The problem and management**
Alok Chandra Agrawal, Harshal Sakale, Sandeep Kumar
 DOI:10.4103/jotr.jotr_39_18

PATIENT CARE

ANNUAL REPORT FOR THE YEAR 2018-19 FROM APRIL 2018 – MARCH 2019.

Month	New OPD Patient	Old OPD Patient	Major OT	Minor OT	Procedure
April 2018	882	1529	32	4	260
May 2018	1154	1878	43	3	407
June 2018	1144	1722	32	4	417
July 2018	1118	2030	37	2	321
Aug. 2018	1084	1987	38	5	348
Sept. 2018	993	2000	34	2	283
Oct. 2018	1039	2082	34	3	350
Nov. 2018	872	1663	40	1	379
Dec. 2018	906	1964	38	9	363
Jan. 2019	958	2319	46	0	358
Feb. 2019	1069	2773	44	9	349
Mar. 2019	1284	2999	44	0	383
Total	12503	24946	462	42	4218

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Prof . Dr. Alok C. Agrawal

- 1. President Appreciation Award CGIOA on 23 February 2019 at Bilaspur**
- 2. Dr. H R Jhunjhunwala Best Oral Presentation Award during CGIOACON 2019 Bilaspur CG on 23-24 February 2019**
- 3. Online Integrity Pledge taken from the website of Central Vigilance Commission of India**

Dr. Harshal S. Sakale-

- 1- Completed British India orthopaedic society- UK (fellow from CG State) fellowship from Medway Maritime NHS trust hospital, Gillingham Kent-UK.**
- 2- Completed fellowship in Arthroscopy and sports medicine from Advance knee and shoulder hospital Ahmadabad.**

Posts of responsibility:

Dr. Alok C Agrawal

- 1. Hon. Secretary Chhattisgarh Chapter of Indian Orthopaedic Association**
- 2. Member Scientific Committee Raipur Orthopaedic Society**
- 3. Executive Boy Member – Indian Medical Association , Raipur Branch**
- 4. Editor- Central Zone of IOA**
- 5. Chairman- Medical Education Unit AIIMS Raipur**
- 6. Chairman and Nodal Officer for NOTTO from AIIMS Raipur**
- 7. Chairman Sports Committee AIIMS raipur**