



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR**  
**4<sup>th</sup> AIIMS Annual Report, 2015-2016**  
**Department of Orthopaedics**

**Faculty and Staff:**

- 1. Prof. Dr. Alok Chandra Agrawal**  
MBBS, MS, DNB, PhD Orthopaedics, MAMS  
Head of the Department of Orthopaedics
- 2. Dr. Roop Bhushan Kalia**  
MBBS, MS Orthopaedics  
Associate Professor ( Till 31-8-2015)
- 3. Dr. Bikas Sahoo**  
MBBS, MS Orthopaedics  
Senior Resident
- 4. Dr. Ritesh Bajaj**  
MBBS, D. Ortho  
Senior Resident(Joining 28-4-2015-to 30-8-2015)
- 5. Dr. Chinmay Sahu**  
MBBS, M S Orthopaedics  
Senior Resident(Joining 11 Feb 2016)
- 6. Dr. Abhishek Jain**  
MBBS , D. Ortho (Joining 11Feb 2016)

**Highlights:**

- 1. The department has started doing Total Hip Arthroplasty and Total Knee Arthroplasty apart from other major surgeries..**
- 2. The department is also taking care of the department of Physical Medicine and Rehabilitation which was inaugurated on 5<sup>th</sup> June 2016. The department has various physiotherapy equipment like Shoulder and elbow CPM, Hip, knee and ankle CPM, Short wave diathermy, Ultrasound therapy, LASER therapy, Tilt Table, Cervical and lumber traction table etc.**
- 3. The department runs a clubfoot clinic and in contrast to other clinics we cater more to nonideopathic club foot.**

**Education:**

1. Theory classes for MBBS Batch 2012 and 2013.
2. Clinical postings for MBBS Batch 2012, 2013, 2014.
3. Lectures for BSC Nursing 2<sup>nd</sup> year on Orthopaedics.
4. Clinical postings of Bsc Nursing students of 1<sup>st</sup> year in OPD.
5. Orthopaedic regular presentations in staff scientific meets.

**CMEs/Workshops/Symposia/National and International Conferences:**

1. Invited Lecture from Dr. Anand Joshi, Consultant Medway Merrytime Hospital Gillingham, UK on Joint replacements 11 Jan 2016.
2. Dr. Alok C Agrawal was Course co-ordinator IOA PG Teaching Course 6<sup>th</sup> september 2015 at Jabalpur.
3. Chairman IOAPG Quiz committee. Conducted National postgraduate quiz during National conference of Indian Orthopaedic Association at Jaipur in December 2015.

Lectures delivered at CMEs, National and International conferences:

Name of Faculty: Prof. Dr. Alok C. Agrawal

S. No.	Title of talk	Name of CME/ conference	Date	venue	City
1.	Osteoarthritis	IOAPG Course IOACON 2015	9-14 December 2015	SMS auditorium	Jaipur
2.	Nonunions	IOAPG Course IOACON 2015	9-14 December 2015	SMS auditorium	Jaipur
3.	Tips and Tricks of TBW and plating for olecranon fractures.	Dr. K T Dholakia CME during IOACON 2015	9-14 December 2015	B M Birla Auditorium	Jaipur
4.	Management of non-ideopathic club foot by Ponseti technique	IOACON 2015	9-14 December 2015	B M Birla Auditorium	Jaipur
5.	Newer approaches in pain management in Orthopaedic practice	Symposium on Pain management in Orthopaedic disorders, IOACON 2015	9-14 December 2015	B M Birla Auditorium	Jaipur

6.	Ponseti's method in the Management of nonideopathic clubfoot by	IOACON 2015	9-14 December 2015	B M Birla Auditorium	Jaipur
7.	<b>Clubfoot</b>	3 <sup>rd</sup> International and 20 <sup>th</sup> B Mukhopadhyay P G Instruction Course	<b>21-24 January 2016</b>	<b>Arihant Hospital</b>	<b>Indore</b>
8.	Scope of Geriatric Orthopaedics- Management and rehabilitation	<b>MPIOACON 2015</b>	<b>23-25 October 2015</b>	<b>Gwalior Orthopaedic Society</b>	<b>Gwalior</b>
9.	Management of nonideopathic clubfoot by Ponseti's method	<b>OOACON 2016</b>	<b>9-10 January 2016</b>	<b>OOA</b>	<b>Bhubaneswar</b>
10.	Limb salvage in malignant bone tumours.	CZCON 2015	<b>11-13 September 2015</b>	<b>CZIOA</b>	<b>Ujjain</b>
11.	Principles in research in Orthopaedic Practice."	Orthopaedic Excellence Programme of IOA	<b>7<sup>th</sup> June 2015</b>	<b>Bilaspur Orthopedic Association</b>	<b>Bilaspur</b>
12.	PMSTR	Symposium and workshop on Ponseti technique for Clubfoot	<b>2-8-2016</b>	<b>Rajnandgaon Orthopedic Club</b>	<b>Rajnandgaon</b>
13.	Surgical anatomy of proximal femur	Recent trends in interlocking	<b>3-4 October 2015</b>	<b>Jharkhand Orthopedic Association</b>	<b>Ranchi</b>
14.	Reamed versus undreamed nails	Recent trends in interlocking	<b>3-4 October 2015</b>	<b>Jharkhand Orthopedic Association</b>	<b>Ranchi</b>

## List of oral paper presented

1. Presented free paper on "Correlation between Hypovitaminosis D and Chronic nonspecific musculoskeletal pains" on 14<sup>th</sup> December 2015 during IOACON 2015 Jaipur.

### Publications:

1. Agrawal AC Kalia R.B. Osteoporosis-Current Review. JOTR 2014:7: 101-107.
2. Kalia RB Agrawal AC. Fragility Fractures of the distal Radius. JOTR2014: 7:113-118.
3. Hishikar R Agrawal M Agrawal AC. Hormone replacement therapy in prevention and treatment of osteoporosis. JOTR: 7:119-122.
4. Agrawal AC. Research publications in an indexed journal/National journal/International publication. OJMP: 21(1): 5-6.
5. Agrawal AC Saraf KK Kalia RB. Femoroacetabular impingement and principles in it's management.OJMP: 21(1):7-10.
6. Agrawal AC Sonkar D Bhagwat SV Kalia RB. Spontaneous Osteonecrosis of the Knee. OJMP: 21(1): 11-14.
7. Agrawal AC Sahoo B. Fractures of the malleolus with syndesmotoc injury- A challenge to diagnosis and treatment. OJMP: 21(2): 7-10.
8. Agrawal AC Kalia RB. Platelet rich plasma in tendinopathies. OJMP: 21(2): 11-20.
9. Agrawal AC. Occupational burnout of an Orthopaedic surgeon. Journal of Orthopaedis, the: 3:5-7.
10. Agrawal AC Sahu C Sahoo B Jain A. Foreign body granuloma causing chronic osteomyelitis of the metatarsal. Journal of Orthopaedis, the: 3:27-29.
11. Agrawal AC Keshkar S Dey N. Correlation of vitamin D deficiency with musculoskeletal pains. IMG: CL(3): 85-90.
12. Agrawal AC. Reconstruction of the elbow by Baksi sloppy hinge total elbow prosthesis following excision of a malignant fibrous histiocytoma. JCOT 2015(6): 283-287.

### Chapter in Books:

1. Agrawal AC Kalia RB. Stress and pathological fracture of the neck of the femur. Guidelines in Fracture Management. Fractures of the Neck of the Femur. Edited by Kulkarni GS, Babhulkar S. Goel SC. Thieme Publisher (Copyright 2016 Trauma Society of India) :119-130.
2. Agrawal AC Agrawal M. Role of hormone replacement therapy in prevention and treatment of osteoporosis in menopause. Monogram Hormone replacement therapy in menopause and andropause. Edited by Mishra VN. Jaypee publisher 2016: 53-68.
3. Agrawal AC. Tips and tricks of olecranon TBW and plating. CME and Souvenir Book IOACON 2015: 56-58.

### Ongoing Research:

1. Correlation of Hypovitaminosis D and Nonspecific musculoskeletal pain syndrome.
2. Results of Ponseti's method in Nonideopathic and ideopathic clubfoot.

### Patient Care:

The department of Orthopaedics provides the patients with OPD, minor ot, orthopaedic procedure room , inpatient treatment, planned operations and basic physiotherapy. The department runs a clubfoot clinic in the afternoon of every Tuesday for children with deformed foots and treats them by the Ponseti's method of serial casting and tenotomy.



### AWARDS, HONOURS AND SIGNIFICANT EVENTS

**Prof. Dr. Alok Chandra Agrawal was conferred with the President's Award of Chhattisgarh Orthopaedic Association during its annual conference in January 2016 at Rajnandgaon.**

## **Visiting Scientists**

- 1. Dr. Bhaskaranand Kumar, Retired Professor KMC Manipal visited the department. He shared his work on hand surgery- specially reconstruction of the Thumb.**