



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR
3rd AIIMS Annual Report, 2014-2015
Format

FACULTY

1. Prof. Dr. Alok Chandra Agrawal

MBBS, MS, DNB, PhD Orthopaedics, MNAMS, MAMS

Head of the Department of Orthopaedics

AIIMS Raipur CG

Editor, Central zone of Indian Orthopaedic Association,

Editor, Indian Orthopaedic Association, Madhya Pradesh Chapter

Executive Body Member, Indian Orthopaedic Association

Editor, Chhattisgarh chapter of Indian Orthopaedic Association

2. Dr. Roop Bhushan Kalia

MBBS, M S Orthopaedics

Associate Professor Orthopaedics

AIIMS Raipur CG

Co-Editor, Central zone of Indian Orthopaedic Association,

HIGHLIGHTS

The Department of Orthopaedics was engaged in managing OPD, OT and Teaching of MBBS 2012, MBBS 2013 and Nursing batch. The Department started a speciality clinic every Tuesday in August 2014 for children with congenital clubfoot. The department conducted a National symposium on fragility fractures along with a hands on workshop on distal tibia fixation on 24th August 2014. Professor Dr Alok C Agrawal was also the organising secretary for the 14th Indian orthopaedic association chhattisgarh state annual conference organised at Raipur on 16-18 January 2015. The department with Prof Dr Alok C Agrawal as Editor in Chief also came out with the Orthopaedic Journal of M P Chapter Vol. 20 No. 1 and 2 issues and the Journal of Orthopaedics, Traumatology and Rehabilitation Vol. 7 No. 1 2014 issue. Both the journals are recognised by Medical Council of India. The department has come out with a Practicle manual for MBBS Undergraduates which guides them in examination of orthopaedic patients and will be submitted prior to final exam. The department is studing the relationship of serum vitamin D levels in relation to musculoskeletal illnesses and has published some reserch publications also based on these studies. The consultants from the department were invited faculties in several conferences and also presented orations, CME lectures, thesis and MS examiners.

EDUCATION

1. Undergraduate teaching to batch 2012--- 7th semester Theory and Clinical postings.
2. Undergraduate teaching to batch 2013---5th semester Clinical postings.
3. Theory classes to nursing students and postings in OPD

CMEs/Workshops/Symposia/National and International Conferences

1. National Symposium on Fragility Fractures and Hands on Workshop on Distal Tibial Osteosynthesis on 24-8-2014 at AIIMS Raipur CG
2. IOA PG Teaching Course at Jabalpur MP on 7-9-2014
3. IOA-National Trauma Course on 16-1-2015 at Hotel Babylon International Raipur CG
4. IOA CG CON 17-18 January 2015 at Hotel Babylon International Raipur .

Lectures delivered at CMEs, National and International conferences (all lectures, invited talks, plenary lectures, guest lectures *except* named Orations are to be listed here) **A filled up example is provided in the first row**

Prof. Dr Alok C Agrawal

| S. No. | Title of talk | Name of the CME/conference | Date | Venue | City |
|---------------|----------------------|--|-------------|---------------------------------|-------------|
| 1. | "Coxa Vara" | National seminar on Corrective Surgeries for the Persons with Disabilities | 22-02-2015 | NIRTAR as a part of IOACON 2015 | Cuttack |

1. Faculty Lecture on " Pre-operative assessment of fragility in a bed-ridden patient during National symposium on fragility fractures of the lower limbs and Hands on workshop on Distal Tibial Osteosynthesis on 24-8-2014 at AIIMS Raipur CG.

3. MPORTHOCON 2014, Sagar CME Faculty. Topic : Ankylosing Spondylitis on 1-11-2014.
4. "Covering defects in osteomyelitis with skin and muscle flaps" Faculty Lecture during Dr. K T Dholakia National CME on Decision Making in Orthopaedics, during IOACON 2014 Hyderabad on 19th November 2014.
5. Faculty symposium on osteonecrosis of the femoral head. Topic: Etiopathogenesis and classification of osteonecrosis of the femoral head." Presented during IOACON 2014 Hyderabad, 19-24 November 2014.
6. Faculty symposium on polytrauma. Topic: Damage control Orthopaedics. Presented during IOACON 2014 Hyderabad, 19-24 November 2014.
7. Faculty symposium on Orthopaedic Training in India. Topic: Thesis. Presented during IOACON 2014 Hyderabad, 19-24 November 2014.
8. Faculty CGIOACON 2015 Raipur. Presented faculty lectures on 1. Damage Control in polytrauma and 2. Ankylosing Spondylitis.

Dr. Roop Bhushan Kalia – Associate Professor

1. Faculty Lecture on Surgical Approaches to distal Tibia during National symposium on fragility fractures of the lower limbs and Hands on workshop on Distal Tibial Osteosynthesis on 24-8-2014 at AIIMS Raipur CG.
2. Acute Management of Pelvic Trauma: Faculty Session on Pelvic Trauma during National Trauma Course 16 Jan 2015 Raipur CG

List of oral papers/posters presented (This list should be in chronological order) A filled up example is provided in the first row

1. Reconstruction of the elbow by Baksi sloppy hinge prosthesis following excision of a Malignant Fibrous Histiocytoma. Paper presented at OOAcon 2015, Cuttack on 21-02-2015.
2. "Management of late presenting talar neck fractures" Paper presented during IOACON 2014 Hyderabad, 19-24 November 2014.
3. " Severe hypovitaminosis D in patient with persistant non-specific musculoskeletal pain." Paper presented during IOACON 2014 Hyderabad, 19-24 November 2014.

RESEARCH

Departmental projects (including thesis/dissertations)

| S. No. | Title of the project |
|--------|---|
| | Serum Vitamin D levels in nonspecific musculoskeletal pains |
| | Results of Ponseti method in club foot. |

Completed and continued further too as ongoing

| S. No. | Title of the project |
|--------|---|
| | Serum Vitamin D levels in nonspecific musculoskeletal pains |

PUBLICATIONS

1. Saxena P, Sakale H, Agrawal A.C.. Introduction to pelvic injury and its acute management. JOTR, 2014, Vol.7 NO. 1 , 1-7.
2. Kalia R.B., Agrawal A.C.. Surgical approaches of the pelvis. JOTR 2014. VOL 7 No 1, 14-18.
3. Agrawal S, Nayak P.K., Mitra S., Agrawal A. C., Jain A, Singh V. Pelvic fracture and urogenital injuries. JOTR 2014. VOL 7 No 1, 23-28.
4. Agrawal A.C., Kalia R.B.. Pelvis fractures in children JOTR 2014. VOL 7 No 1, 29-32
5. Agrawal M., Agrawal A.C. Do we use antibiotics rationally? OJMP 2014, Vol.20, No. 1; 5-11.
6. Pandey K.K., Agrawal A.C., Raza H.K.T. Partial fibulectomy for ununited fracture of the tibia with nondraining (Quiescent) infection. OJMP 2014, Vol.20, No. 1; 69-72.
7. Chansoria M., Agarwal M., Chandar D., Vyas N., Upadhyay S., Agarwal A.C.. Nerve blocks commonly used in orthopedics. OJMP 2014, Vol.20, No. 1; 73-82.
8. Agrawal AC, Kalia RB, Agrawal M. Survey of antibiotic use by Orthopaedic surgeons. OJMP 2014, Vol.20, No. 2; 5-11.

9. Singh A, Agrawal AC, Kalia RB. Vitamin D deficiency and degenerative disc disease in childhood. OJMP 2014, Vol.20, No. 2; 58-60.
10. Gupta S. Agrawal M, Saraf K K, Faruqui S A, Varma HS, Agrawal AC. Understanding complex regional pain syndrome. OJMP 2014, Vol.20, No. 2; 89-98.
11. Kalia RB, Agrawal AC, Singh A. Osteomalacia: A plausible cause of spondylolisthesis. OJMP 2014, Vol.20, No. 2; 107-110.
12. Upadhyay S, Peepra D. Pandit A, Agrawal AC. Urobag tube: An effective alternative to medullary tube during closed antegrade intramedullary nailing for femoral shaft fractures: A case report. OJMP 2014, Vol.20, No. 2; 73-77.

13. **PATIENT CARE:**

1. A speciality clinic for children with Club Foot has been started and does take care of registration, documentation, treatment, follow-ups of children with clubfoot and counselling of parents.
2. The Number of patients seen in OPD, Clubfoot clinic , Operations and procedures done in OPD are as follows:

| S. NO | MONTHS | NEW | OLD | CLUB FOOT | MAJOR OT | OPD PROCEDURE |
|-------|--------------|-------------|--------------|-----------|-----------|---------------|
| 1 | April | 729 | 863 | | | |
| 2 | May | 704 | 752 | | | 149 |
| 3 | June | 442 | 646 | | | 59 |
| 4 | July | 671 | 926 | | | 76 |
| 5 | August | 859 | 1015 | 20 | | 90 |
| 6 | September | 956 | 1251 | 16 | | 163 |
| 7 | October | 579 | 932 | 8 | | 107 |
| 8 | November | 698 | 1296 | 16 | | 103 |
| 9 | December | 647 | 1214 | 16 | 4 | 163 |
| 10 | January | 566 | 1241 | 5 | 10 | 147 |
| 11 | February | 689 | 1427 | 12 | 8 | 176 |
| 12 | March | 832 | 1354 | 6 | 8 | 188 |
| | | | | | | |
| | TOTAL | 8372 | 12917 | 99 | 30 | 1421 |

3. Details of procedures done in OPD

| Procedure | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | | |
|---|-------|------------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|--|--|
| Cast application | | 2 | | | 16 | 27 | 27 | 24 | 23 | 39 | 39 | 55 | | |
| POP with slab over dressing | | 11 | 9 | 6 | 6 | 32 | 18 | 14 | 32 | 50 | 50 | 45 | | |
| Bag Dressing | | - | - | - | 1 | | | | | 33 | 41 | 45 | | |
| POP Cast | | 36 | 20 | 43 | 12 | 11 | 3 | 15 | 14 | 03 | 03 | 01 | | |
| Pain reduction | | | 1 | - | 1 | 02 | 01 | - | | 01 | 08 | 01 | | |
| Wire removal | | | - | - | - | | 1 | - | 02 | - | 02 | - | | |
| EV dressing | | | - | - | - | 1 | 3 | 3 | 02 | | - | -01 | | |
| Witch removal | | | - | - | - | 03 | 01 | | 02 | 02 | 10 | 03 | | |
| Wound aspiration | | 04 | 2 | - | 2 | 05 | 2 | 5 | 02 | 07 | 05 | 14 | | |
| Thumb spika POP | | | | - | | 02 | 3 | 2 | | 01 | - | 11 | | |
| Strapping | | 03 | 5 | 5 | 7 | 27 | 15 | 8 | 13 | 13 | 03 | - | | |
| Depomedrol Intracal Steroid Injection | | 03 | 5 | 1 | 2 | | 3 | 4 | 06 | 08 | 10 | 05 | | |
| Sling | | | - | 1 | 1 | 02 | 2 | 2 | | - | 01 | - | | |
| Wound I & D | | | - | - | | 01 | | - | | 01 | | 01 | | |
| Wound bandaging | | 5 | | 1 | 1 | 10 | | 2 | 10 | 02 | 02 | 05 | | |
| Foreign body Wound removal | | | - | -- | | | | - | | | 01 | | | |
| Suture | | | - | - | | 01 | | - | | | | | | |
| Culture of Wound/biopsy | | | - | - | 1 | 01 | | 2 | 1 | 03 | 01 | 01 | | |
| Wound debridement Wound debridement Wound debridement | | | - | - | 17 | 08 | 08 | 2 | | | | | | |
| Wound debridement Wound debridement | | | - | - | | | | - | - | - | - | | | |
| Wound debridement | | 85 | 17 | 19 | 23 | 30 | 20 | 21 | 40 | | | | | |
| TOTAL | | 149 | 59 | 76 | 90 | 163 | 107 | 103 | 147 | 163 | 176 | 188 | | |

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Prof. Dr. Alok C. Agrawal HOD Orthopaedics has the following achievements:

1. **Dr. B Das Oration of IOA MP Chapter on “ Antibiotic usage practises amongst Orthopaedic Surgeons” on 31-10-2014 at Sagar, MP during MPORTHOCON 2014.**
2. **A Practicle Manual in Orthopaedics is given to MBBS students of Batch 2013 who were posted in Orthopaedics during 5th semester.**
3. **Appointed member of the Oncology section of Indian Orthopaedic Association**
4. **Appointed Editor for the Journal of Orthopaedics from IOA Chhattisgarh Chapter**
5. **Scientific committee member of Raipur Orthopaedic Society**
6. **Executive Body Member IMA Raipur CG Branch.**
7. **Joined Annual International Affiliate Membership of American Association of Orthopaedic Association**
8. **Published 3 Journals as Editor,Namely: The Journal of Orthopaedics, traumatology and rehabilitation vol 7 no. 1,2014 and Orthopaedic journal of M P Chapter vol 20, No. 1 and 2, 2014**

Dr. Roop Bhushan Kalia, Associate Professor Orthopaedics joined membership of AO Trauma and SICOT International.

We have Published the Proceeding of National Symposium on Fragility Fractures and IOA CG Con 2015 in Book Form Too.