

# KOA Achievements Nov 2011 to Oct 2012

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Karnataka

# Activities of Karnataka Orthopaedic Association

## from 1<sup>st</sup> November 2011 till 31<sup>st</sup> October 2012

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### 1. Increase in IOA membership:

As on October 2011 IOA members from Karnataka: 702

Members joined after November 1<sup>st</sup> 2011 till October 31<sup>st</sup> 2012- 77.

Highest among all the states in India.

### 2. Academic Activities:

#### a). National conference:

Annual conference of the Indian Society of Surgery for Hand was conducted in KMC Manipal in November 25<sup>th</sup> to 27<sup>th</sup> 2011 under the chairmanship of Dr. Bhaskaranand Kumar and Dr. Anil Bhat as organizing secretary.

The conference was attended by 192 delegates from all over India and also from United Kingdom, UAE, Bangladesh and Russia. The conference was inaugurated uniquely by the invited dignitaries and also children who had undergone Pollicisation at unit of Hand and Microvascular Surgery, KMC, Manipal.

The programme started with a CME on “Current concepts in Hand surgery” in the morning session of first day and in the same afternoon had two workshops

1.” Distal radius LCP fixation and Scaphoid fixation on saw bone models which was conducted by Dr. Sharath Rao, Dr Anil Bhat and Dr Monappa.

2. Cadaveric hand flaps dissection” was conducted by Dr. Sudhir Warriar and Dr. Anil Bhatia

The conference included a rich scientific programme comprising of symposiums, orations, guest lectures, video demonstration sessions, teaching sessions and free papers and poster presentations.

The Dr R Venkataswami Oration was on ‘Super Microsurgery of Nerves’ delivered by Dr Aymeric Lim, Associate Professor, Senior Consultant, Department of Hand &

Reconstructive Surgery and Chairman, Medical Board, National University Hospital, Singapore

The Dr B. B. Joshi Oration was on 'Carpal instabilities with emphasis on Scapho-lunate injuries' delivered by Dr Wolfgang Huber, Consultant Trauma & Hand Surgeon, UKH Linz Trauma Centre, Austria

The Hand therapists were a part of this conference and both physiotherapists and occupational therapists practising hand therapy participated in large numbers. They had parallel workshops and CME apart from common sessions with the Hand Surgeons.

#### **b). Regular state conferences:**

1. **36<sup>th</sup> Annual conference of Karnataka Orthopaedic Association** was held in Belgaum on 3<sup>rd</sup> to 5<sup>th</sup> February 2012, 450 delegates attended the conference. On 4<sup>th</sup> and 5<sup>th</sup> conference was held with orations, guest lectures, paper presentations and symposia. General body meeting was held on 12<sup>th</sup> evening. Dr. Rajeev Naik, past president IOA & Dr. Shantharam Shetty, past president IOA and Karnataka state representatives in IOA attended the meeting.
2. **OASIS Conference ( Orthopaedic Association of South Indian Surgeons)** was conducted by KOA in White field Bangalore on 24<sup>th</sup>, 25<sup>th</sup> & 26<sup>th</sup> August, 2012. About 450 orthopaedic Surgeons from all over South India attended this conference. There were 35 national faculty involved in this conference. Present & past presidents of 5 states of South India participated in the meeting.

#### **c). C.M. E. Programs National & International Level:**

1. **National PG teaching program of IOA** was conducted in Ramaiah Medical College Bangalore on 11<sup>th</sup> & 12<sup>th</sup> March 2012. This was organized by Dr. Naresh Shetty who is chairman of IOA PG/UG teaching committee. This program was attended by 220

postgraduates from all over India. Eminent postgraduate teachers of South India were the faculty.

**2. Dr.Sudhakar Shetty Memorial Mangalore Orthopaedic Course** was held on 22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup> June 2012. 272 postgraduates from all over the country attended the meeting. This program apart from didactic lectures had clinical discussions on long & short cases, radiology sessions & orthotic and prosthetic sessions. Apart from Karnataka Faculty, Dr Mathew from Delhi, Dr. Gopinath from Kerala & dr. Ajoy Shetty from Tamilnadu were the faculty. Dr. Rajeev Naik Past President of IOA inaugurated the meeting. Meeting was attended by Dr. Shantharam Shetty past president of IOA. Number of PGs attending were 284.

**3. National CME on Knee Arthroscopy** was held on 3<sup>rd</sup> November 2011, in KMC Manipal, Manipal University. This had live surgeries on ACL reconstruction along with hands on workshop. Dr. Anand Perrera President of Srilankan Orthopaedic Association was the guest faculty along with local faculty from Manipal. 150 consultants attended the course.

**4. International CME on Hand surgery** was conducted in Bhairava, Nepal along with the Nepal Orthopaedic Association. Dr. Bhaskarananda Kumar, Dr. Anil Bhat from Manipal & Dr. Ravi Guptha from Chandigarh were the faculty from India. About 60 Orthopaedic & plastic surgeons attended this CME.

#### **d). Instructional courses:**

**1. KOA ICL (Karnataka Orthopaedic Association Instructional Course Lectures)** was held in Raichur. The theme was "Peri articular fractures". This was attended by 142 delegates. Professors from all the medical colleges of Karnataka were the resource persons. This is an annual affair of KOA conducted in cities which do not have the facility to conduct the Annual state conference. This program was attended by IOA past president Dr. Rajeev Naik & H K T Reza

**2. Instructional Course lectures on Upper limb trauma** was conducted in White field Bangalore by the Karnataka Orthopaedic Association on 24<sup>th</sup> August 2012 as part of OASIS conference. About 300 Orthopaedic surgeons from all over south India attended the meeting. Apart from KOA faculty, Dr. Velasamy Raveendran & Dr.

Dheenadayalan, from TamilNadu, Dr. Rajeev Rao from Kerala were resource persons.

#### e). Hands on workshop:

1. **Interactive arthroplasty CME on the bone model & cadaveric workshop** This was conducted in Bangalore November 4<sup>th</sup> & 5<sup>th</sup> 2011. Bone model & cadaveric workshop on TKR & THR was conducted. This was attended by 182 delegates from south India.
2. **AO pre basic workshop** was conducted in Hubli on 15<sup>th</sup> July 2012. This was attended by 110 postgraduates. This included didactic lectures, hands on workshop and case discussions.
3. **Distal radius fracture fixation & upper limb flap.** These are the two workshops conducted during the national conference of the hand surgeons on 24<sup>th</sup> November 2011, in Manipal. This workshop was attended by 60 each practicing orthopaedic surgeons.
4. **Workshop on Acetabular fracture:** This was conducted in Bangalore on 7<sup>th</sup> January 2012. This included didactic lectures, workshop on bone model followed by cadaveric workshop on two basic approaches to acetabular fractures. This meeting was attended by more than 180 practicing orthopaedic surgeons.
5. **Basic surgical skill & AFN workshops** are the two workshops conducted during the annual conference of the Karnataka Orthopaedic Association on February 3<sup>rd</sup> in Belgaum. Each workshop was attended by more than 60 delegates & PGS.
6. **Advanced Learning center Cadaveric Lab In MS Ramaiha,** under the aegis of KOA arranged 4 TKR, 4 THR, 6 Arthroscopy both shoulder and knee, one spine one acetabulum and two trauma workshops on the cadaver.

#### f). PG crash courses:

1. **PG – ITC ORTHO** at JN Medical College, KLES Dr. P. K. Hospital & MRC Belgaum, 21<sup>st</sup> & 22<sup>nd</sup> July 2012. This was attended by 80 postgraduates. The resource persons

were eminent teachers from Karnataka. Dr. Vijaya Raghavan vice president of IOA was the out station faculty. This program apart from didactic lectures had clinical discussions on long & short cases, radiology sessions & orthotic and prosthetic sessions.

2. **Bone School:** A new venture of PG teaching was started by KOA. Bone school arranges every first Sunday of the month a clinical program for post graduates. This is a one day program which involves 4 to 5 didactic lectures followed by clinical case discussions. Each of these programs were attended by more than 150 post graduates from all over south India. The registration is free for the postgraduates. Nine such programs were conducted.

January 2012 : Hip, February 2012: Spine, March 2012: Knee, May 2012: Upperlimb & hand, June 2012: Bone tumors, July 2012: Paediatric orthopaedics, August 2012: Fracture neck of femur, September 2012: Case presentation all day, October 2012: Basic trauma workshop for PGs

3. **Two day Postgraduate crash course** was conducted in Mysore Medical College Mysore on 10<sup>th</sup> & 11<sup>th</sup> of March, 2012. Dr. Dr. Sharath K Rao, Dr. Bhaskarananda Kumar, Dr. Anil Bhat & Dr. Kalluraya were the outstation faculty. This program was attended by 120 post graduates.

#### **g). Seminars:**

1. **Seminar on shoulder** . This course on shoulder was conducted by sparsh on December 3<sup>rd</sup> & 4<sup>th</sup> 2011. Five international faculty from UK & five eminent Indian faculty conducted this program. This included didactic lectures & case presentations. This was attended by 220 orthopaedic surgeons.

2. **Seminar on basic Knee arthroplasty** . This was conducted in learning center of Father Mullers Hospital Mangalore, This one day seminar included live surgery case discussions and didactic lectures. Prof Sanchethi & Dr. Sharath K Rao were the resource persons. 92 practicing orthopaedic surgeons attended this meeting.

3. **Seminar on shoulder Scopy.** This event was conducted by JSS medical college Mysore. This one day seminar included didactic lectures & live surgery of rotator cuff repair. This meeting was attended by 110 orthopaedic surgeons

#### **h). Clinical Meetings:**

1. **Ortho Clinical Meet :** Six orthopaedic clinical meetings were conducted by Canara Orthopaedic Society in 6 medical colleges in November, January, March, May, July & September. This was on second Sunday of these months. Post graduates from all over Karnataka attended these meetings. Average attendance was 60. Each program included 3 to 4 lectures, followed by case discussions. Prof. M Shantharam Shetty, Prof Usman, professors of individual medical colleges were the resource persons.

2. **Ortho Clinical CME :** 6 CME meetings by Mysore Orthopaedic Club & 4 by Hassan Orthopaedic club were conducted. These CME included case discussions & Paper presentations & difficult case discussions. Each of these meetings were attended by the members of the club, invited faculty & post graduates.

#### **i). Quiz programs:**

State level quiz program was conducted on 4<sup>th</sup> & 5<sup>th</sup> of February 2012, in Belgaum. Two representatives each from first and second year post graduates from various medical colleges of Karnataka were the participants. Written test of one hour was conducted on 4<sup>th</sup> and four finalists were recognized. The final round of quiz program was conducted on 5<sup>th</sup> of February. The winners will be representing Karnataka State in the IOA quiz. Prof. P Sripathi Rao, Dr. Sharath K Rao & Dr. Kiran Acharya conducted the quiz program.

#### **j). Orthopaedic Update programs:**

1. **Update on Hip:** This was conducted on the Annual conference of Bangalore Orthopaedic Society in Mercara on 31<sup>st</sup> March. Prof M Shantharam Shetty, Prof Sharath K Rao were the resource persons. 200 Orthopaedic Surgeons attended this meeting
2. **Update on Orthopaedic Infections:** This was conducted by Canara Orthopaedic Society on their annual meeting day on 22<sup>nd</sup> April 2012. Prof Devadoss was the resource person. About 140 orthopaedic surgeons from all over Karnataka attended this meeting

**3. Joint replacement Update:** This program was conducted in Sparsh hospital, Bangalore, in October 2012. This two days course included 18 live surgeries on difficult hip and knee problems. Four foreign faculty & six Indian faculty did the live surgeries. 240 orthopaedic surgeons attended this meeting from all over India

## **4. Achievement of individual members. National & International**

### **a). Paper presentation in national & international Conferences:**

#### **i). International**

##### **1. Dr. Benjamin Joseph:**

a) Dec 2011: International Pediatric Orthopaedic Symposium, ORLANDO FL, USA

Congenital pseudarthrosis – Long term results.

b) Mar 8 – 10, 2012: International Perthes Study Group Meeting, Dallas, USA Staging of Perthes disease.

c) Mar 15 – 17, 2012: Paediatric Orthopaedic Symposium, Lahore, Pakistan  
Congenital pseudarthrosis

Decision-making in Perthes disease

d). May 17 – 19, 2012: European Association for Children's Disability, Istanbul, Turkey

Is gait analysis essential for decision-making in CP?

e) June 14 -16, 2012: Malaysian Orthopaedic Association, Kuantan, Malaysia  
The First Prof. Subir Sengupta Memorial lecture – Consumerism in Orthopaedics  
Decision-making in Perthes disease

f). Sep 11, 2012: British Orthopaedic Association, Indian Summer, Manchester UK

What I have learned about Perthes disease – A 30 year journey

g) Sep 19 -22, 2012: International Paediatric Orthopaedic Think Tank, Cannes, France

The enigma of the missing condyle

##### **2. Dr. Sharath K Rao:**

Feb 24-26<sup>th</sup> 2012: Annual Conference of Bangladesh Orthopaedic Association in Dhakka



Decision Making in Tibial condyle fractures.

3. **Prof. P Sripathi Rao:**

Feb 24 – 26<sup>th</sup> 2012; Annual Conference of Bangladesh Orthopaedic Association in Dhakka

Recent advances in ACL reconstruction.

4. **Prof Harshad Shah:**

Feb 24 – 26<sup>th</sup> 2012: Annual Conference of Bangladesh Orthopaedic Association in Dhakka

Ilizarov in difficult situations.

5. **Prof Bhaskarananda Kumar:**

Sept 22-23, 2012: Hand surgery course in Bhairav Nepal

Metecarpal fracture management dilemmas.

6. **Dr. Anil Bhat:**

Annual meet of the Bangladesh Society for Surgery of the Hand held from 29<sup>th</sup> to 31<sup>st</sup> December 2011 at Dhaka.

Carpal instability with delayed presentation of Trans-scaphoid perilunate dislocations: Management options and results.

Current Concepts in Radial Club Hand

Management of Acute Scaphoid fractures.

Basic hand Surgery course at Bhairawa, Nepal

Acute Scaphoid fractures, Peripheral nerve injuries, Thumb metacarpal fractures, Flexor tendon sheath infections.

7. **Dr. Kiran K V Acharya:**

Mar 20 -24, 2012 IOF ECCEO Bordeaux, France.

Prospective randomized control study of use of arthroscopic debridement with or without visco supplementation in knee osteoarthritis.

8. **Dr. John Ebnazer:**

Dec 2011, Egypt orthopaedic Association International Conference, Egypt  
Lumbar Disc Surgery past, present & the future.

9. **Dr. Janardhan Aithala:**

“Spine week” Annual Conference, Amsterdam, August 2012

Recurrence of leg pain in patients who underwent lumbar discectomy and decompression

Disadvantages of using ODI in developing countries & the need for modification.

**10. Dr. Vivek pandey:**

ESSKA Geneva, Switzerland, 2<sup>nd</sup> to 5<sup>th</sup> May 2012

A simple innovative technique of arthroscopic ACL avulsion fixation

**ii) National:**

**1. Dr. Thomas Chandy**

IOA conference in Noida December 2011

A prospective comparative study of clinical & rehabilitative status in sequential bilateral total knee replacement

**2. Dr. Rajeev Naik:**

IOA conference in Noida December 2011

Complications fracture neck of femur - prevention

Surgical management of osteoarthritis of knee

**3. Dr. Neelana gowda Patil:**

IOA conference in Noida December 2011

Tension band wiring and percutaneous pinning technique in two and three part proximal humerus fractures.

**4. Dr. Ajith Kumar:**

IOA conference in Noida December 2011

Replacement in fractures of the proximal humerus.

**5. Dr. Hitesh Shah:**

IOA conference in Noida December 2011

Late onset perthes.

**6. Dr. Mahesh Reddy:**

IOA conference in Noida December 2011

Pathoanatomy, diagnosis & treatment of shoulder instability.

**7. Dr. Murakhi bavi:**

IOA conference in Noida December 2011

Peripheral nerve structure & function.

**8. Dr. Rajgopalan:**

IOA conference in Noida December 2011

Nailing in metabolic bone diseases

**9. Dr. Anil Bhat**

Annual Conference of Indian Society for Surgery of the Hand, Amritsar, September 2012.

“Chaging Trends in the management of Acute Scaphoid fracture.

Annual Conference of AO Trauma at Mahabaliuram in April 2012, Best Paper Award Session

“Minimally invasive tension band technique for olecranon fractures”

**10. Dr. Krishna Prasad:**

IOA conference in Noida December 2011

Long term outcome(5years) of Arthroscopic assisted ACL reconstruction using Bone patellar tendon bone graft-a retrospective study.

**11. Shyamsunder Bhat N:**

“Morphology of the pedicles lower thoracic and lumbar spine & computerized tomography scars – A Study of South Indian Patients”.-ASSICON 2012, Silver Jubilee Conference of Association of Spine Surgeons of India during V T Ingalhalikar Gold Medal Award Session on 25.2.2012.

**11. Dr. Siddesh N:**

Quantitative measures for evaluating the radiographic Outcome of Perthes' disease – POSICON , 13<sup>th</sup> January 2012, Pune.

**b). Awards & Honours:**

1. **Dr. Rajeev Naik:** Past President of IOA & KOA was awarded honorary Fellow of Royal College of Surgeons (FRCS) by Royal College London UK. This award is for his immense contribution in the field of Orthopaedics by research, teaching and clinical excellence.

2. **Dr. Siddesh N:** Associate professor in paediatric Orthopaedics KMC Manipal & member of KOA was awarded honorary Fellow of Royal College of Surgeons (FRCS) by Royal College London UK. This award is for his immense contribution in the field of paediatric orthopaedics by research, teaching and clinical excellence.

3. **Prof. Benjamin Joseph:** Professor and head of Paediatric Orthopaedic Surgery, KMC Manipal, Manipal University was the invited faculty for research group meeting on Perthes disease at POSNA, Orlando USA.

4. **Dr. Sharath K Rao** was selected as one of the 8 Indian Faculty for the American Academy Of orthopaedic Surgeons (AAOS) trauma conferences.

5. **Dr. Anil Bhat** was awarded the prestigious Robert Acland S&T overseas travelling fellowship for the year 2011-2012 from Indian Society for Surgery of the Hand which he spent at Prince of Wales Hospital, Hongkong for Wrist Arthroscopy.

6. **Dr. Janardan Aithala** was awarded IOA Dartmouth fellowship, for 1 month in Oct 2012, in New Hampshire state, Dartmouth Hitchcock medical center USA.

7. **Dr. Vidyadhara S** was awarded prestigious Scoliosis Research Society fellowship in Dallas, St Louis & Chicago USA for one month in Sept 2012.

8. **Dr. Shyam Sundar Bhat** was awarded AO spine fellowship in Dukes of Kent & children Hospital Hong Kong for one month

### **c). Elected to any high post**

1. **Dr. Sharath K Rao** was elected as AO India council member from south India.
2. **Dr. Naresh Shetty** took charge as the President of Orthopaedic Association of South Indian Surgeons (OASIS) for the year 2011 – 2012.

### **d). Inventing new techniques and instruments to improve orthopaedic surgery in India:**

1. **Dr. Vivek Pandey** “ Arthroscopic tibial spine fixation a simple technique” for ACL avulsion injuries in KOA conference which was Accepted for publication in “Techniques of orthopaedics”. Journal by Lippincot.
2. **Dr. Jagannath kamath:** Presented a new technique “Modified bone tie: a new method to achieve interfragmentary compression in unstable oblique metacarpal and phalangeal fractures”. Tech Hand Up Extrem Surg. 2012 Mar;16(1):42-4

### **e). Writing, editing, translating any literature of academic interest:**

1. Paediatric Orthopaedics: A System of decision making. A Paediatric orthopaedic text book written by Prof. Benjamin Joseph.
2. Orthopaedic ready reckoner & Essentials of Orthopaedics An UG / PG pocket book on Orthopaedics. Dr. R M Shenoy, Prof. & HOD Orthopaedics KMC Mangalore.
3. Dr. John Ebnezar’s Released a book in local language Kannada titled osteoarthritis of the knee.

## **5. Members participating in International conferences and presenting papers:**

### **1. Dr. Benjamin Joseph:**

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Congenital pseudarthrosis – Long term results.

b) Mar 8 – 10, 2012: International Perthes Study Group Meeting, Dallas, USA Staging of Perthes disease.

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**6. Dr. Anil Bhat:**

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“Current concepts in Radial Club Hand”

“Management of Acute Scaphoid fractures”

Basic Hand surgery course at Bhairawa, Nepal

“Acute Scaphoid fractures, Peripheral nerve injuries, Thumb metacarpal fractures, Flexor tendon sheath infections”

**7. Dr. Kiran K V Acharya:**

Mar 20 -24, 2012 IOF ECCEO Bordeaux, France.

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**8. Dr. John Ebnazer:**

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**10. Dr. Vivek Pandey:**

ESSKA Geneva, Switzerland, 2<sup>nd</sup> to 5<sup>th</sup> May 2012

A simple innovative technique of arthroscopic ACL avulsion fixation

## 6. Journals/News letter/books/posters/pamphlets:

### A. i). Journal:

Every year KOA journal is published during the Annual Conference of the Karnataka Orthopaedic Association. This contains the articles from the members both review and original articles.

### B. ii). Journal Publications from KOA members national & International:

#### a) International:

1. Singh A, Shah H. Outcome evaluation of clubfoot treated by postero-medial soft tissue release through the hemi-cincinnati incision-A mid-term follow-up study, Pediatric orthopaedics and related science 2011; 1:3-10.
2. Daniel AB, Shah H, Kamath A, Guddettu V, Joseph B. Environmental tobacco and wood smoke increase the risk of Legg-Calve- Perthes' disease. Clin Orthop 2012;470: 2369-2375.
3. Siddesh ND, Shah H, Joseph B. The fate of the hip in spondylo-epi-metaphyseal dysplasia; clinical and radiological evaluation of adults with semd – Handigodu type. Skeletal Radio 2012 Aug;41(8):939-45.
4. Klopocki E, Lohan S, Doelken SC, Stricker S, Ockeloen CW, Soares Thiele de Aguiar R, Lezirovitz K, Mingroni Netto RC, Jamsheer A, Shah H, Kurth I, Habenicht R, Warman M, Devriendt K, Kordass U, Hempel M, Rajab A, Mäkitie O, Naveed M, Radhakrishna U, Antonarakis SE, Horn D, Mundlos S.. Duplications of BHLHA9 are associated with ectrodactyly and tibia hemimelia inherited in non-Mendelian fashion. J Med Gent 2012 Feb;49(2):119-125.
5. Mukhopadhyay C, Shah H, Vandana KE, Munim F, Vijayan SA. Child with Erysipelothrix arthritis-beware of the little known. Asian Pacific Journal of Tropical Biomedicine 2012; 2(6) 503-504.
6. Klopocki E, Kähler C, Foulds N, Shah H, Joseph B, Vogel H, Lüttgen S, Bald R, Besoke R, Held K, Mundlos S, Kurth I.. Deletions



in PITX-1 cause a spectrum of lower-limb malformations including mirror-image polydactyly. *Eur J Hum Genet* 2012 Jun;20 (6):705-8.

7. Girisha KM, Pratap A, Shah H. Further characterization of Acro-Renal-Mandibular Syndrome: Report of a case and review of earlier reports. *Clin Dysmorphol* 2012 Apr;21 (2):83-6.
8. Vijayan S, Shah H, Joseph B. Slipped capital femoral epiphysis in a child with Pycnodysostosis. *JBJS Case Connector*. 2012; 2:e33 1-5 doi:10.2106/JBJS.CC.K.00070.
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10. Lin KR, Prabhu V, Shah H, Kamath A, Joseph B. Handedness in spastic diplegic cerebral palsy. *Dev Neurorehabil*. 2012;15(5):386-9.
11. Vijayan S, Mehta O, Jacob G, Siddesh ND, Shah H, Joseph B. The fate of joint space in healed Legg-Calve-Perthes' disease. *Skeletal Radiology* 2012 (in press).
12. Tercier S, Dinesh KVN, Shah H, Siddesh ND, Joseph B. Effective treatment of post-traumatic avascular necrosis of the body of the talus in a child by subtalar fusion. *JBJS Case Connector*, 2012 Sep 12;2(3):e50 1-4. doi: 10.2106/JBJS.CC.L.00025.
13. Shah H, Siddesh ND, Pai H, Terceier S, Joseph B. Quantitative measures for evaluating the outcome of Legg-Calve-Perthes' disease. *J Bone Joint Surg Am* 2012 (in press).
14. Shah H, Bens S, Caliebe A, Graham JM, Girisha KM. Growth retardation, intellectual disability, facial dysmorphism, cataract, thoracic hypoplasia and skeletal abnormalities: a novel phenotype. *Am J Med Genet* 2012 ;158A(11):2941-5.
15. Terceier S, Siddesh ND, Shah H, Girisha KM, Joseph B. Loss of a condyle of the femur or tibia following septic arthritis in infancy, problems of management and testing of a hypothesis of

pathogenesis. J child Orthop 2012;6:319-325.

16. Dalal A, Bhavani G, Priya TP, Bierhals T, Kutsche K, Nandineni MR, Danda S, Danda D, Vijayan S, Shah H, Gowrishankar K, Phadke SR, Bidchol AM, Girisha KM. Analysis of WISP3 Gene in Indian Families with Progressive Pseudorheumatoid Arthropathy of Childhood. Am J Med Gent 2012 ;158A(11):2820-8.
17. Charu Eapen, Bhaskaranand Kumar, Anil K. Bhat "Prevalence of cumulative trauma disorders in cell phone users" Journal of Musculoskeletal research, Vol 13, No 3, 2011, 1-9.
18. Acharya K K V, Pandey V, Rao P S: Knee dislocation with multi-ligament injury: evaluation, treatment and results. Journal of Musculoskeletal Research, Vol. 13, No. 3, 2011:1- 8.
19. Ashwath Acharya, Anil K. Bhat, Kumar Bhaskaranand, "The Reverse Posterior Interosseous artery flap: Technical considerations in raising an easier and more reliable flap" Journal of Hand Surgery (Am) Vol 37A, March 2012 , 575-582.
20. Acharya K K V, Vishal Gupta:Significance of periodic screening to detect deterioration of bone health: a descriptive study from a tertiary care hospital in India. Osteoporosis International (2011) 22 (Suppl. 1).Pg S282.
21. Acharya K K V, Pandey V, Rao P S: Set up of osteoporosis clinic in a tertiary care hospital: a descriptive report of three years of activity. Osteoporosis International (2011) 22 (Suppl. 1).Pg S 340.
22. Raghuraj Kundangar, Vivek Pandey, Kiran K V Acharya, P Sripathi Rao, Lakshmi Rao: An intraarticular fibroma of the tendon sheath in the knee joint. Knee surgery, sports traumatology, arthroscopy. 2011;19:1830-33.

22. M Subbaiah , Vivek Pandey, Sharath Rao, Sripathi Rao  
Staged arthroscopic reconstructive surgery for multiple  
ligament injuries of the knee. Journal of Orthopaedic  
surgery 2011;19(3):297-302.
23. Jagannath kamath“Modified bone tie: a new method to  
achieve interfragmentary compression in unstable oblique  
metacarpal and phalangeal fractures”. Tech Hand Up  
Extrem Surg. 2012 Mar;16(1):42-4
24. Ajith Kumar, M.S.Shetty, Kanthi Kiran G,  
Abhishek.R.Kini. Validation of Navigation Assisted  
Cup Placement in Total Hip Arthroplasty –  
International Orthopaedics (SICOT) (2012) 36:17–22.
25. Vivek Pandey, Acharya KKV, Rao PS, Sharath  
Rao. Menisca abnormalities in discoid lateral  
meniscus. Journal of Musculoskeletal Research,  
Vol. 15, No. 1 (2012).

**b) National:**

1. Pandey V, Acharya K K V, Rao Sharath, Rao P S : Femoral  
tunnel – interference screw divergence in anterior cruciate  
ligament reconstruction using bone – patellar tendon – bone  
graft: a comparison of two techniques. Indian Journal of  
Orthopaedics 2011; 45:255-60.
2. Anil K Gupta, Acharya K K V, Parag S Sancheti, Ramchandra  
S Joshi : A double-blind, randomized, multicentric, placebo-  
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### **C. News letter:**

Two news letters are published by the association every year, one in the month of September, one in December. The news letter has activities of KOA, information about future activities, KOA & IOA life membership forms and information about new members

### **.D. Books:**

- a). Paediatric Orthopaedics: A System of decision making. A Paediatric Orthopaedic text book written by Prof. Benjamin Joseph.
- b). Orthopaedic ready reckoner: An UG / PG pocket book on Orthopaedics. Dr. R M Shenoy, Prof. & HOD Orthopaedics KMC Mangalore.
- c). Essentials of Orthopaedics: An UG / PG pocket book on Orthopaedics. Dr. R M Shenoy, Prof. & HOD Orthopaedics KMC Mangalore.
- d). Complications of fractures: An UG/PG book on Orthopaedics authored by Dr. John Ebnezar.
- e). Outline of Othopaedics: An UG book on Orthopaedics by Dr. John Ebnezar.

## **7. Formation of legal cell & and redressal of injustice done to members:**

1. Bangalore Orthopaedic Society has a redressal forum & legal cell where members can discuss and submit their cases for scrutiny.
2. District level forum in Gulbarga for redressal and injustice done to members.

## **8. Regular election of office bearers and calendar activities of the Chapter:**

- a). Elections were conducted for the post of President elect for the year 2011 – 2012 and postal ballot was done. There were three contestants for the president elect post. Counting took place in State conference and Dr. Rajendra won the election.
- b). Executive committee members are selected similarly and the secretary's post goes for election once in three years. This year secretary post had one applicant Dr. Purushotham V J & he was elected as Secretary
- c). Executive committee meetings are held at least three times in an year. Executive committee meetings were held in February during state conference. Two executive committee meetings were held with new office bearers one on 23 July in Bangalore and the other on 31 October in Raichur, Both meetings were attended by President, President elect & Secretary of KOA. Both of these meetings were attended by Dr. Rajiv Naik IOA Past President.
- d). KOA ICL is a yearly affair done in places where state chapter annual meetings are not held.
- e). Indo – UK Travelling fellowship is offered to KOA members one from Academic side and other from private practice to visit various hospitals in UK for a period of one month.
- f). Inland travelling fellowship is offered to two KOA members, one from academic side and the other from private practice to visit various hospitals in and around Karnataka for a period of 15 days.

## **9. Any other activities not included**

### **a). Formation of city ortho clubs:**

Each district of Karnataka state is having 13 district Ortho Club. They report

to the secretary and president of the state chapter. Two new district clubs are added this year, Bidar & Bagalkot Following is the concise report.

1. Bangalore Orthopaedic Society (BOS):

President: Dr. Ravindra, Secretary: Dr. Bharath Kadadi

The flagship of KOA and conducts meetings every month with CME's, workshops, clinics and seminars. Has an Annual conference of its own for a day Annual conference this year was conducted in Mercara

2. Canara Orthopaedic Association:

President: Dr. Jayaprakash, Secretary: Dr. Siddarth Shetty

The society include Mangalore, Udupi, North Canara & Kasargod Districts. The second best society in state & has lot of teaching programs for postgraduates. Society meets every month. Every alternate month one day Postgraduate teaching

program is conducted on rotation in each of six medical colleges of the district. On the other alternate month consultant program for difficult cases is conducted.

3. Mysore Orthopaedics Association:

President: Dr. Nithyananda Rao, Secretary: Dr. Devaiah

Includes Mandya district. Meets every months with Pg teachings seminars and guest lectures. One of the emerging clubs with lot of activities in the form of paper presentation

4. Hassan Orthopaedic Club:

President: Dr. Shankar, Secretary: Dr. Sri Ranga.

Includes Chikmagalore, Coorg & Channapatna districts. Active club, meets every three months. Meets every month for a guest lecture from outside faculty & case discussion

5. Shimoga Orthopaedic Society (SOS):

President: Dr. Umesh Kamath, Secretary: Dr. Chaitanya

Conducts regular meetings every two months with guest lectures and seminar. Had conducted KOA state conference earlier.

6. Tumkur Orthopaedic Society:

President: Dr. Thyagaraj T V, Secretary: Dr. Ravikumar

A S A close knit small ortho club which meets 6 times a year.

7. Davangere Ortho Club:  
President: Dr. G Nagaraj, Secretary: Dr. Jayprakash.  
Meets ones in three months with CME programs and guest lectures.
8. Raichur Orthopaedic Society:  
President: Dr. Ramachandra, Secretary: Dr. Sridhar Reddy  
Meets every 3 months, conducted Karnataka orthopaedic Association Instructional Course Lectures (KOA ICL) this year.
9. Bellary Orthopaedic Club:  
President: Dr. Prabhanjan Kumar, Secretary: Dr. Shashidhar Reddy  
Conducts CME programs every three months. Conducts live surgeries and hands on workshop on joint replacement & Arthroscopy.
10. Bijapur Orthopaedic Society:  
President: Dr. Mundewadi, Secretary: Dr. Kiran Patil  
Conducts CME and case discussions every three months
11. Gulbarga Orthopaedic Society:  
President: Dr. Boiji, Secretary: Dr. R Kiran  
Conducts meeting every three months. Had a course on Trauma this year.
12. Hubli – Dharwad Orthopaedic Association:  
President: Dr. Maulimani, Secretary: Dr. Basni.  
Meets every 2 months, has conducted state conference earlier.
13. Belgaum Orthopaedic Society:  
President: Dr. Kiran Patil, Secretary: Dr. Hemant Koujalgi  
Meets every 3 months, conducts CME's and case discussions in the meeting.
14. Bagalkot Ortho Club:  
President: Dr. Daddennavar, Secretary: Dr. Patted.  
A recent addition to the district clubs, has a medical college in the district.
15. Bidar Orthopaedic Society:  
President: Dr. B Madhukar Rao Secretary: Dr. Raghu Krishnamurthy Another recently formed district club & has 14 members.

## **b). Exchange fellowship with other chapters:**

1. Indo - UK travelling fellowship by British Orthopaedic Society, Indian Chapter was formed with 2 of KOA members travelling to UK for a period of one month, one selected from academic institute and the other from private practice. They visit 2 centers in UK and submit the report in the annual conference of the KOA. Dr. Manoj from Bangalore medical College was selected and he visited Derby and saw the spine work of Mr. Zedenek Keizl & Mr. Boomireddy. His second week was in Oswestry, with Mr. Neil Davidson & Birender balian. Other person selected was Dr. Gururaj & he spent his time in Tameside hospital Manchester. This year we had one more fellowship Dr. Sri Ranga & Dr. Doddanagowda Patil, went to UK for 2 weeks. They spent their time in Blackburn Royal Hospital & Burnley General Hospital.
2. In land travelling fellows from Karnataka Orthopaedic Association travel to Maharashtra and Tamilnadu. Two members are selected one from academics and one from private practice and they travel to renowned hospitals in neighboring states and their expenditures are entirely bourn by KOA. This time this fellowship was awarded to Dr. Sammer Haveri & Dr. Daddannavar.
3. Travelling fellows from Tamilnadu Orthopaedic Association visited KMC Hospital Manipal as a part of their travelling program in the month of January.
4. IOA Johnson & Johnson Travelling fellows were hosted in two hospitals in Karnataka in the last week of December in Tejaswini Hospital, Mangalore & KMC Hospital Manipal.

## **c). Possession of own building with good library:**

Own secretariat office with non medical associate secretary is present.

## **d). Any welfare program to the public:**

1. Conducted Free Arthritis checkup camp –In Mysore under the aegis of KOA & Lions club Mysore



2. Conducted Free Osteoporosis checkup camp in Mysore again with Lions club where the patients had free bone density check up & received appropriate medication free of cost.
3. Dr. Kiran K V Acharya gave a Phone in program in TV educating people on Osteoarthritis knee, its prevention & non surgical management.
4. Dr. Monappa Naik, conducted a live TV program on safety measures in trauma patients.
5. Dept of Orthopaedic KLE Belgaum observed world Osteoporosis day by conducting a CME and patient awareness program.

#### **e). Having own slide projector, OHP and laser pointer**

Yes

#### **f). Website of KOA**

KOA has its own web site, koaindia.org. During each year separate web site is started for the conference and linked to the KOA website. KOA web site is upgraded every month. Bangalore Orthopaedic Society (BOS), & Canara Orthopaedic association have their own web sites.

#### **10.Chapter contribution to IOA:**

1. Highest number of new members among all the states of India.
2. In IOA Annual Conference in Noida, large number of guest lectures.
3. Conducting IOA PG quiz continuously for the second time.
4. Large number of Orthopaedic surgeons being trained in cadaveric workshops improving their skills in different fields of orthopaedic Surgery.

#### **11. Activities based on President's theme "Education is power, skill is strength"**

## Education is power

### 1. PG teaching:

- a) On going PG teaching programs of KOA – IOA PG teaching program in Bangalore, Mangalore Orthopaedic course, PGITC in Belgaum, Mysore orthopaedic course were conducted this year also.
- b) A new format in the form of Bone School was formed exclusively for PG teaching and conducted nine PG teaching programs this year with average attendance of 150 post graduates
- c) Six PG teaching programs by Canara Orthopaedic association were conducted as it is done every year.

### 2. CME for consultants:

- a) At the Level of district clubs 6 programs by Bangalore orthopaedic Society, 4 by the Canara Orthopaedic society, 7 by Mysore orthopaedic Society & 4 by Hassan Orthopaedic Society were conducted.
- b) State level CMEs were conducted in Bangalore, Mercara, Mangalore, Manipal, Raichur, Gulbarga, Mysore on specific themes of infection, arthroscopy, joint replacement, trauma, spine & osteoporosis. Details of all these programs are given above.
- c) Live surgeries: Live surgeries on Knee arthroscopy in Manipal, Shoulder arthroscopy in Mysore, Ilizarov in Gulbarga, Joint replacement knee & hip in Bangalore were conducted. The details are given above under individual headings
- d) Instructional course lectures in peri articular fractures, hip, upper limb trauma & joint replacement were conducted adding knowledge to consultant orthopaedic surgeons.

## skill is strength”

### 1. Hands on workshop:

Hands on workshop on basic surgical skills of knot tying, tendon repair, on AFN, on distal radius fracture, on distal humeral fracture, TKR, shoulder arthroscopy, spine pedicular fixation were conducted during KOA annual

conference & OASIS conference.

Apart from this hands on workshop on Acetabular fracture, hemireplacement arthroplasty, Ilizarov methodology were conducted . The details of which are mentioned earlier.

2. **Cadaveric workshop:**

Cadaveric workshop on Acetabular fracture exposure, total knee & hip replacement were conducted in BMC.

**Advanced Learning center Cadaveric Lab In MS Ramaiha**, under the aegis of KOA arranged 4 TKR, 4 THR, 6 Arthroscopy both shoulder and knee, one spine, one acetabulum and two trauma workshops on the cadaver. More than 440 people have already improved their skills in this cadaver lab this year.

3. **Fellowships :**

Fellowships are the other ways of improving the knowledge & skill. KOA has international fellowship clubbed with British Orthopaedic Society and this year four members were trained. Four members went for inland fellowship. TNOA & IOA fellows spent their time in various hospitals of Karnataka. We also had members from Maharashtra, UP, Goa & Kerala for short term fellowships in Manipal.

## **IOA DAY**

IOA Day was conducted by having programs and speech in four corners of Karnataka namely Bangalore at ESI Hospital, Mangalore by Canara Orthopaedic Association, Mysore by Mysore orthopaedic association and Belgaum by Belgaum ortho club

## **Road Safety**

Dr. Shyam Sunder Bhat gave a talk on road safety and transportation of victims to Kaiga - a power plant where all the industrial workers came for the one day workshop and briefing on care at the site was demonstrated.

Dr. Monappa Naik conducted a live TV program on road safety and trauma victim management which was broadcasted all over Karnataka.

First aid & basic safety method programs were conducted in schools in manipal, Mangalore, Mysore & Bangalore

## **12. Inviting office bearers of IOA to state chapter meetings:**

1. Dr. Rajeev Naik – Past President IOA, Dr. Dayanand, Dr. Murakhi Bhavi, executive committee members of IOA were present in the Annual conference of KOA in February 2012. President Dr. Rajasekharan was supposed to come to KOA meeting and could not make it in the last minute because of cancellation of the flight
2. Dr. Rajeev Naik – Past President KOA was present in the Mangalore Orthopaedic Course, KOA ICL meeting in Raichur & both the executive committee meeting of the KOA as special invitee.
3. Dr. Murakhi Bavi executive committee member was present in the PGITC Belgaum

### **13. Attendance of office bearers of state chapters in meeting of IOA:**

1. Dr. Sharath K Rao President KOA & Dr. V J Purushotham Secretary, KOA attended CSRC meeting during, IOACON 2012. Dr. Rajeev Naik also attended the meeting
2. All the executive committee members from Karnataka were present in the executive committee meeting of the IOA.

## **Highlights of the report:**

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1. Membership drive for both KOA & IOA were effectively taken up by President of KOA Dr. Sharath K Rao & Secretary Dr. V J Purushotham. Well depicted in the new member list of IOA . Karnataka in the top with 77 new members
2. State conference is conducted regularly for the past 20 years and this time by Belgaum ortho club in Belgaum.
3. Many PG teaching programs are conducted in various parts of Karnataka Involving eminent teachers of state and outside the state. High lights were Mangalore orthopaedic course which was attended by 284 post graduates and IOA PG teaching program in Bangalore.
4. More than 20 live surgery and hands on workshops were conducted in the state in accordance with the theme of the President of IOA - "Knowledge is power & skill is strength"
5. Honorary FRCS to two of our members were the commendable achievements of the year.
6. 10 paper presentations in the international conferences is an excellent academic achievement by the members of the association. 25 international publications from the members in various reputed international journals is another high light of the academic excellence.
7. 15 district orthopaedic clubs with regular elections to their office bearers and directly reporting to the KOA president and secretary of all the activities is the flagship of

the association.

8. International traveling fellowships to UK for a month to spend time in various hospitals in UK for four of our members every year speaks of the relationship of the society with other societies of the world.
9. Number of books published by the KOA members reflects keen interest involved by the members in the teaching of orthopaedics.
10. Advanced Learning center in Ramaiah is the feather in the cap of KOA. More than 18 cadaveric workshops were conducted this year related orthopaedics.