

DR.RAGHAVA DUTT MULUKUTLA

Full Profile

MS(Orth) FRCS(Edin) M.Ch(Orth)Liv.UK

CONSULTANT ORTHOPAEDIC AND SPINE SURGEON

Director and Chief of Spine Surgery, Department of Spine surgery

Udai Omni Hospital, Hyderabad



Educational Background

After completing MBBS from Osmania Medical college Hyderabad, joined Kakatiya medical College Warangal to do Post graduation in Orthopaedics (MS(orth)). Joined Udai Clinic in 1985 as Asst. Orthopaedic surgeon and subsequently joined Royal National Orthopaedic Hospital London, UK, to start a career spine surgery. During his training in UK he also underwent training in Joint replacement surgery, arthroscopic surgery, surgery of complex trauma including pelvic and acetabular reconstructions. From the post of Senior House Officer, he went on to become Locum consultant in Walton and Fazakerley Hospitals in Liverpool .During his extensive training in various hospitals in UK, he obtained M.Ch.(Orthopaedics) degree from Liverpool University and completed FRCS(Edin). He travelled extensively to Europe and USA to obtain further training in centres of excellence in the field of spine surgery, including under Dr.David Bradford at Sanfracisco Medical centre, University of San Fransisco USA. He returned to India In 1994 to join Udai Omni Hospital as consultant in Orthopaedics and chief of Spine surgery. He is also working as consultant Orthopaedic and Spine Surgeon at Apollo Health city, Jubilee Hills Hyderabad.

Affiliations

Formerly Executive Member : Indian Orthopaedic Association

Formerly Executive Member : Association of Spine Surgeons of India

Member President's theme: Indian Orthopaedic Association

Formerly Member Constitution committee and scientific committee :Association of spine surgeons of India

Ex Head Scientific Marketing India :AO Spine International

Founder and former secretary: Twin cities Spine Association

Executive Member :Orthopaedic Association of South Indian States

Member: Orthopaedic surgeons society of Andhra Pradesh

Member: Karnataka Association of Orthopaedic surgeons

Member :Indian Medical Association

FACUTLY POSTIONS

1. International chairman: AO Spine International
2. National and International Faculty : AO pine international
3. National Faculty: Association of Spine surgeons of India
4. National Faculty: Indian Orthoapedic association
5. Faculty Department of Biomedical Engineering: Osmania University

EXPERTISE IN FIELD OF SPINE SURGERY

- **Lumbar disc surgery** : Endoscopic and microscopic discectomy
- **Lumbar spinal stenosis**: Surgical decompression of spinal cord and roots
- **Cervical disc / Cervical spondylosis _Myelopathy**: Decompression of spinal cord and roots, Cervical disc replacement and fusions in patients with severe neck pain and paralysis
- **Correction of Spondylolisthesis**: Reduction and correction of spondylolisthesis including high grade listhesis.
- **Minimally invasive spine surgeries (MISS)** : surgical treatment of various disorders of spine through key hole surgeries, and minimal access surgeries using the most modern technology.
- **Scoliosis - kyphosis**: Extensive experience in correction of spinal deformities including paediatric spinal deformities as well as adult spinal deformities. One of the leading centres for correction of spinal deformity in India

One of the few centres offering use of growth rods in very young children with spinal deformities in India

Surgery for correction of Hemivertebrae and kyphosis

Complex reconstruction of adult scoliosis deformities, spinal osteotomies and vertebral resections

- **Vertebroplasty and kyphoplasty**: in management of Osteoporotic fractures and malignancies.
- **Infections**: Surgical management of Tuberculosis and other infections of spine as well as post op spinal infections.
- **Trauma**: Cervical as well as the thoraco lumbar trauma including spinal fixations fixations, Odontoid screw fixations and front back surgeries in complex cervico thoracic fractures as well in fractures of lower back.
- **TUMORS**: surgery of spinal cord and vertebral tumors, including cancers of spine. Extensive and complex reconstruction of spine following spread of cancers. Minimally invasive technology in treatment of benign tumors of spine including of high frequency thermablation of tumors such as Osteoid Osteoma

ACADEMICS

1. Editor: Journal of OASIS
2. Former Editor: MY AOSPINE INDIA
3. Reviewer: Spine section -Indian journal of Orthopaedics
4. Reviewer: new AO spine Thoraco lumbar Trauma classification

NATIONAL CONFERENCES CONDUCTED : Organising Secretary

1. Annual Conference of Association of Spine Surgeons Of India 1999
2. Combined European and Association of Spine Surgeons Of India 2006
3. AO International Monsoon Seminars 2006
4. National Conference of Foot And Ankle Society Of India 2008
5. Annual Conference of Orthopaedic Surgeons Of South Indian States 2011
6. Principles Course : Ao Spine International 2012

PUBLICATIONS: chapters in text books

1. Biomechanics of Lumbar Spine: Text book of Orthopaedics, 2nd Edition, Jaypee 2007
2. Surgical Aspects of Rheumatology: Manual of Rheumatology 4th Edition(Official Text book Indian Rheumatology Association)2012
3. 2 Chapters in: ASSI Text book of Spinal infections and Trauma
 1. Post operative spondylodiscitis
 2. Osteoporotic vertebral compression fractures
4. Post-menopausal osteoporosis
5. Spine fractures in Osteoporosis :Text book of Osteoporosis

PUBLICATIONS: various journals including SPINE, and Journal of OASIS

CURRENT RESEARCH ACTIVITY

1. Study on diffusion imaging and standing vs. supine MRI in disc degeneration: AO spine Asia Pacific research grant
2. Comparison of standing vs. supine MRI in spinal stenosis : a prospective study

GUEST LECTURES

LECTURES DELIVERED IN INDIA AND ABROAD

2014

- ASSICON 2014 Annual Conference of Association of Spine Surgeons of India

From January 23rd to 26th 2014, kolkata

- Guest Lecture: Burst fractures without neuro deficit – Do we need surgery?

IGOF 2013 8th to 10th February 2014, Hyderabad

- Chairing session

OSSAPCON 2014 7th to 9th March, 2014 Mahabubnagar (SVS Medical College)

- Guest Lecture: Management of post – op spinal infections

12th March 2014, Kurnool

- Guest Lecture: Current concepts and future trends in spine surgery

JUNE 13TH -15TH

- AO Spine Principles Course
 1. CASE PRESENTATION; CV junction
 2. Radiation protection
 3. Dealing with complications, Ethical, medical , legal obligations of spine surgeon
 4. Management of thoraco lumbar spine injuries
 5. Principles of vertebroplasty and kyphoplasty
 6. Clinical presentation and indications for surgery Thoraco lumbar Tuberculosis
 7. Case presentation ; implant related complications

Instructional course in spine 15th - 17th August 2014 ,Udaipur

- Chairperson : session on " Trauma in Elderly patients"

Twin Cities Orthopaedic Society Meeting 2nd November, 2014 (Apollo Hospital)

- Spinal osteotomies in correction of spinal deformities

IOACON 2014, HYDERABAD 19TH TO 22ND NOVEMBER 2014

- Guest Lectures:
 - 19th Nov : Post Surgical Disc infection : CME Lecture
 - 20th Nov : Open surgical treatment - indication tips tricks & pearls
 - 20th Nov: Moderator: Lumbar spinal stenosis
 - 21st Nov: Post op wound infection
 - 24th Nov : Clinico radiological assessment of spondylolisthesis

Spine day 30th November, 2014

- Guest Lecture: Surgical techniques of spinal osteotomies

2013

Annual Conference of Association of Spine Surgeons of India, Kochi from 17th Jan to 20th Jan, 2013

- Guest Lecture: Congenital scoliosis timing of surgery and techniques.

Feb 2nd – 3rd 2013

Annual Orthopaedic Rheumatology Conference Feb 2nd – 3rd 2013

- Guest Lecture: Surgical strategies in management of vertebral osteoporotic fractures of spine.

AO Spine Principles Course Feb 22nd – 24th Ahmedabad 2013

- Guest Lecture
 1. Radiation Protection
 2. Classification and management principles of upper cervical spine injuries
 3. Approach to anterior thoraco lumbar spine – videos, tips & pearls discussion
 4. Case presentation: Cervical spondylotic myelopathy
 5. Management strategy in spinal metastatic disease
 6. Complication related to patients positioning
- Workshop
 1. Video cervical corpectomy /cervical plating
 2. Pedicle identification and fracture spine model
 3. Cervical lateral mass screw insertion with video
 4. Listhesis reduction

March 24th, 2013

2nd Dr K Hari - KREST CME On Vertebral Column – Multimodality Imaging 24.03.2013 (Sunday)

- Oration: Current concepts and future trends in spinal surgery

2013, June 9th 2013, OASIS CME

- Guest Lecture: Spondylolisthesis

20th July, Pune

ASSI Fracture fixation course program

- Guest Lecture: Cervical spine injury management overview

7th August 2013

Jabalpur Spine Society

- Guest Lecture 1: Management of spinal deformity
- Guest Lecture 2: Salvage surgery in failed lumbar spine surgery

Aug 2013

ICS 2013 17th Aug to 18th Aug 2013 kodaikanal

- Guest Lecture: Post-operative lumbar kyphosis case report

Aug 2013

OASISCON 2013 from 23rd to 25th August 2013, Pondicherry

- Guest Lecture: subaxial cervical injuries – management

Sep 2013

Basic workshop on lumbar degenerative spine (September 29th, 2013)

- Guest Lecture: Case selection for surgery: decompression Vs fusion in degenerative lumbar spine

Oct 2013

SICOT 34th Orthopaedic World Congress 17th to 19th October 2013 Hyderabad

- Sharing a session

Dec 2013

IOACON 2013 Annual conference of the Indian Orthopaedic Association 3rd to 8th December 2013, Agra

3rd Dec. Guest Lecture – Cincinnati spine course – Management of post of spinal infections

- Guest lecture: Management of type-2 odontoid fractures & bifacial subaxial cervical dislocation –my way of treatment

Panelist: Spine panel discussion – Reliability of classification systems in thoraco lumbar fractures

Dec 2013

7th Dec Panelist: Debate - Anterior cervical discectomy and fusion Vs Cervical disc replacement

Jan 2012

1. Association of Spine Surgeons of India: Annual Conference: 24th to 26th Jan. New Delhi
 - Moderator: Failed Back Surgery Syndrome:
Panelist: Sagittal plane deformity : management of kyphotic disorders of Spine
2. Orthopaedic Surgeons Society of Andhra Pradesh: 8th to 10th Jan. 2012
 - Guest Lecture: Avoiding pitfalls in Spine Surgery
3. AO Monsoon seminars: 18th March 2012
 - Guest Lectures
 - Anterior surgery in cervical Spondylotic Myelopathy
 - To fuse or not to fuse in Grade 1 deg. Listhesis
 - Algorithm for management of pathological lesion in Elderly
 - Case presentation :Deg. listhesis
4. OASIS CME on Paediatric Orthopaedic disorders : 3rd June 2012 Hotel Taj Krishna Hyderabad
 - Lecture: Growth modulation techniques in congenital scoliosis
5. USV scientific programme 21st July 2012 Mauritius
 - Guest Lecture: Surgical strategies in Osteoporotic spine
6. Bidar Orthopaedic Society: 29th July 2012
 - Guest Lecture: Pre Hospital care in trauma
7. OASISCON 2012 Bengaluru 24th to 26th August 2012
 - Case Presentation: My worst case
 - Guest Lecture: Iatrogenic complications in lumbar disc surgery
8. Continuing Orthopaedic Education: COE 2012 Madurai
 - Case Presentation: upper cervical spine Fracture
 - Guest Lecture:
 1. Management of subaxial cervical spine injuries
 2. Cervical disc surgery : Operative
 - Workshops: Cervical spinal plating

9. Twin cities Spine Association: 30th Sept. Hyderabad

- Guest lecture: Management strategies in failed lumbar spine surgery

10. Asia Pacific Orthopaedic Society Golden Jubilee conference: 4-6th Oct. 2012

- Guest Lecture: Fixation strategies in Butter bones
- Case presentation: complication following surgery

11. Indian Spinal injuries conference : 12th 13th 14th October 2012 Delhi

- Guest Lecture: Fixation strategies in cervico thoracic flexion distraction injuries
- Moderator and Panelist in 3 spine sessions

12. Bidar Orthopaedic Society : IMA combined Meet: 28th October 2012

Low back pain approach and management

13. Endoscopic discectomy: Yashoda Hospital Hyderabad

14. Indian Menopause society : Spine fractures Hyderabad 9th Dec 2012

15. Indian Orthopaedic Society annual conference Chennai: 12th to 16th December 2012

- Guest Lecture: Recurrence of pre op symptoms Failed back or failed surgery

2011

Jan 2011

Association of Spine Surgeons Of India Mumbai 27th to 30th Jan. 2011

- Guest lectures: Biconvex Fusion : Does it work
Management of spinal Deformity : Synthes : Lecture
- Panelist : Difficult Spine Fractures
- Moderator and Chairman: Failed Lumbar disc surgery

Feb 2011

26th Feb. 2011 International Trauma Care: 15th National conference

- Guest lecture: Management of spinal trauma

April 2011

Surgery in Spinal stenosis and degenerative disorders

- Program: VSN Murthy Memorial CME Program

Aug 2011

12th to 14th August 2011

- ASSI and ESS combined instructional course lectures
- Chairman : session on Osteoporosis
- Guest lecture: Anterior surgery in Neuromuscular scoliosis

Aug 2011

26th August to 28th August 2011 OASISCON 2011

- Sudhakar Shetty Memorial Oration: Current concepts and future trends in Spine Surgery

Oct 2011

22nd Oct 2011

Indian society for bone mineral research – 3rd annual conference Hyderabad

- Guest lecture Problems of fixation in Osteoporosis of Spine

Nov 2011

26th Nov 2011

- CME on Spinal deformity:
 - Guest lecture: complications of scoliosis surgery
 - Clinical case presentations
 - Faculty for workshop demonstrations

2010

July 2010

Chairman AO Principles course Hyderabad

- Lectures: Bone grafts and substitutes Solitary metastasis

Satyanarayana Murthy Memorial CME :

- Guest Lecture: Surgery in spinal stenosis and degenerative disorders of spine

#Jan 2010

- Assicon 2010 : Annual conference of association of spine surgeons of India

22-24th Jan 2010 Nagpur

- Guest lectures
 1. Surgical Options in Metastatic disease
 2. Do I postpone surgery because of Osteoporosis – No I will not: Debate

Management of spondylolisthesis

1. OASIS 2010- Chennai
 - Guest lecture: Osteoporotic Vertebral compression Fractures
2. Instructional course lectures in Spine – combined Indian and European Spine society meet – Mysore
 - Guest lecture: problems of implant loosening in Osteoporotic bone
3. OSSAP 2010
Satyanarayana Murthy memorial eponymous
 - Lecture: current trends in management of spinal disorders
4. IOACON 2010 Jaipur 8th to 14th August 2010
Instructional course
 - Lecture : Lumbar spinal stenosis
 - Guest lecture: Safety tips in deformity surgery

Mar 2010

27th March 2010

Golden Jubilee Academic conference of College of General Practitioners Hyderabad & Indian Medical Association

- Panel discussion: panelist and Lecturer: Trauma – orthopaedics

18 th May 2010

8th Hyderabad Advanced Orthopaedic Course

- Lecture: pedicle screw fixation

2009

15th Nov. 2009

Gandhi Orthopaedic Education 2009 :Neuromuscular disorders

- Guest Lecture: Neuromuscular spinal deformities and Spinal dysraphism

Oct 2009

AO Global Spine Oct.2009 Kaulalumpur

- International Faculty
 1. Guest Lecutre: Growth modulation in Congenital Scoliosis
 2. Osteotomies in Ankylosing /spondylosis
 3. Surgical Management of Adult Scoliosis

National CME on bone tumors: SVS Medical College Mahaboobnagar

- Guest Lecture: Management of Metastatic bone tumors

9th 10th 11th Oct. 2009 : State conference of OSSAP: Kareemnagar

- Guest Lecture:
 - 1.Thoraco Lumbar Fractures: avoiding and managing problems

#12 Sept 2009

Adolescent Idiopathic Scoliosis

- Guest Lecture: : Aetiology and management

Orthopaedic Asociation of South Indian States Kochin

Aug 2009:

- Guest lecture :Kajuraho

When to fuse in degenerative spondylolisthesis:
Association of Spine Surgeons of India – Instructional

June 2009

21-6-09 Orthopaedic Association of South Indian States Symposium on Knee disorders

- Panel discussion – difficult knee problems

#July 2009

17th and 18th July ORTHOTRENDS Kovalam Kerala

- Guest Lectures:
 1. Post op spinal infections
 2. Vertebroplasty

10th 11th 12th July 2009

AO principles course India Habitat Centre New Delhi

- Lectures on
 1. Grade II spondylolisthesis in Adolescent
 2. Solitary vertebral collapse
 3. Principles of management of spinal cord injury

May 2009

3rd May 2009 Biconvex fusion- does it work? Guest lecture

- Course: Ganga Operative

May 2009 Institute for traumatology and Orthopaedics. Coimbatore

- Understanding Osteoporosis and Surgical Management
 1. *Pedicle screw fixation
 2. *Dorso lumbar spinal Trauma

31st May 2009 Hyderabad: Decision making in Lumbar spinal stenosis -Lumbar spinal stenosis:

- Guest lecture

#April 2009 :Indian Spinal injuries Institute Delhi

- Conference on Lumbar spinal disorders.
- Lumbar fusion : Principle presenter

25th Jan 2009 Chennai. Association of Spine Surgeons of India

2008

Dec 2018

- Annual Conference Bengaluru

1. Indian Orthopaedic Association:

- a. My worst Osteoporotic Fracture
- b. Surgery in Dorsolumbar Fractures of Spine
- c. Panel Discussion Osteoporotic Spinal Trauma

Oct 2018

Scoliosis Research Society Meeting October 2008, New Delhi

- Poster presentation: Eloquent Tractography

Symposium on Osteoporosis of Spine: Surgical Management

Aug 2018

- Adult Scoliosis: Cobined Instructional
 - Course :European Spine Society and Association of Spine Surgeons of India, Shimla August 2008
- OASISCON AUG.2008
 - Principles of management of Spinal deformity;OASISCON AUG.2008, Puducherri
 - Managment of Post op spinal infections;OASISCON Aug.2008 Puducherri
- Multiple lectures(3) AO Basic Course Chennai

Jan 2008

Vertebroplasty – surgical aspects: pearls and pitfalls

- Annual conference of Association of Spine Surgeons of India and International Society for Lumbar Spine Research Jan 2008, Coimbatore

Apr 2008

13th April 2008 :OASIS CME on Hip disorders

- Panelist: Interesting case discussions

April 2008 CME :Updates in management of Degenerative Disorders

- Lectures: Degenerative disease of Axial skeleton

#28th July 2008

- Management of Low back pain : IMA Nizamabad

7th June 2008

AO pre basic course Hyderabad

- Lectures on
 1. Lag screw / Tension Band Wiring
 2. Fracture healing and how treatment influences it
 3. Delayed and non-union

#8th/9th June

Chennai : AO

- Basic course
 1. Management of skeletal metastasis
 2. Radiation hazards in OT
 3. Introduction to bone healing and spinal fusion

#10th of June

- AO ORP programme
 1. Workshops
 2. Radiation Hazards in OT

Aug 8th 9th 10th

ASSI /ESS ICLS Shimla

- Case presentation and Panel discussion: Adult Scoliosis

22nd 23rd 24th August 2008

OASISCON 2008 PONDICHERRY

- Guest lecture
 1. Management of post op infections of spine
 2. Management of intra-op complications of spine

3rd/4th Oct. 2008

Scoliosis Research Society meeting New Delhi

- Faculty Lecture- Case Scenarios in Osteoporosis

12-13th of Feb. 2008

Hyderabad Advanced Orthopaedic Apollo Hospital Hyderabad

- Course :Thoraco Lumbar Spinal injuries

2007

#August 2007

- Instructional Course lectures Goa:
- Faculty: Panel discussion on Osteoporosis
- Guest Lecture: Effect of Osteoporosis on Spine :Eli lily symposium
- Invited Talks: annual conference Association of Spine surgeons of India Jan 2007
- Invited talks/panel discussion combined Instructional course of ASSI and European Spine Society Aug.2008
- Organizing Secretary : Annual Conference of Foot and Ankle society of India

2006

4th 5th 6th August 2006

ASSI & ESS ICLS : Organizing secretary

- Guest Lecture: Vertebroplasty

September 2006

Organising secretary: AO Monsoon seminar

Feb 2006

- Guest lecture:
 - Endoscopic discectomy : Association of Spine Surgeons of India Chandigarh
- Guest Lecture:
 - a. Management of Infections of Spine
 - b. My Worst Case : Post op blindness following cervical disc surgery and total recovery

19th March

CME on Spine

1. Management of Osteoporotic & Pathological
2. Fractures of Spine
3. PANEL DISCUSSION ON lumbar disc

April 2006

NAILS INDIA 2006 Coimbatore

- Guest Lecture:
Intramedullary nailing and Cross Fragmentary Fixation in Fractures of long bones

#June 2006

Spine 2006 : SPINE TODAY Coimbatore

- Guest Lecture
 1. Bone Grafts In Spine Surgery
 2. Vertebroplasty

August 2006

Organising Secretary

ASSI & SSE combined Instructional Course Lectures

- Guest Lectures
 1. FBSS
 2. Vertebroplasty
 3. Management of Ageing Spine and Lumbar Spinal Stenosis

#Sept 2006

OASIS & APIOACON

- Guest Lectures:
 - Minimally Invasive Technology in Surgery for Lumbar Disc prolapse

Eli Lilly Symposium on Osteoporosis

- Guest Lecture
 - Osteoporosis and Spine

Nov 2006

- Debate
 - Role of Anterior Surgery in tuberculosis of Spine
 - Indian Orthopaedic Association- Spine Chapter

2005

#25th Jan 2005

Management of Osteoporotic Vertebral Fractures- Association of Spine Surgeons of India

#4th Feb 2005

Management of Lumbar disc Prolapse and Lumbar Spinal Stenosis

HOME- Osmania General Hospital Hyderabad

26th Feb 2005

Surface Replacement Arthroplasty – CME – Dr. Satyanaayana Murthy Memorial CME- Warangal AP

#April 2005

AO BASIC COURSE BOMBAY

1. Applied Anatomy Of Cervical Spine in Cervical Spine Trauma
2. Surgery in degenerative Disorders of Lumbar Spine
3. Case Discussion: Atypical Tuberculosis

#August 2005

- Instructional Course :Association of Spine Surgeons of India

Lectures

Role of Conservative Treatment of Spinal Metastases – Debate with Max Abie

#October 2005

- Guest Lecture
Failed Back Surgery Syndrome- APIOACON- Annual Conference of Orthopedic Surgeons of Andhra Pradesh
Guntur

#2nd Dec 2005

Recent Advances in Spine Surgery – Gulbarga Orthopaedic Society

27th Dec. 2005

Indian Orthopaedic Association annual conference Bombay

- Guest Lecture: Avoiding wrong levels in Disc Surgery

2004

Annual conference of association of spine surgeons of India

- Papers presented
 - Percutaneous Vertebroplasty

13th -15th Feb 2004

37th Tamilnadu Orthopaedic Association State Conference- KanyaKumari

CME Programme

- i. Guest Lecture: Role of Epidural Steroids, Facet Injections, Discography, Root Blocks – Techniques, Pitfalls and Complications
- ii. Cervical Laminoplasty – Technique , complications and results
- iii. DEBATE: PLIF/TLIF vs ALIF

29th Feb. 2004

Resurfacing Hip Arthroplasty (Surface Replacement)

- Guest Lecture
 - 1st Vedula Satyanarayana Murty Memorial CME Programme -Kakatiya Medical College Warangal

26TH September 2004

- Guest Lecture:
 - Role of Spine surgery in Post Menopausal women
 - Gulbarga Gyaenecological Society

10th Oct. 2004

- Guest Lecture :
Indian Orthopaedic Association AP State Chapter , Vijayawada

7th Nov. 2004

- Guest lecture
 - Indian Menopause society
 - Scoliosis
 - Role of surgery in Post-menopausal osteoporosis, Hyderabad

17TH Dec. 2004

- Work Shop –
Spinal Trauma – Indian Orthopaedic Association Annual Conference – Agra

Andhra Pradesh state Orthopaedic Association annual conference

- Guest lecture
 - CME programme on low back pain
 - Spondylolisthesis

Indian Orthopaedic Association Annual Conference 2004 Chennai

- Workshop on Spinal Deformity Correction:
- Guest Lecture: Posterior Spinal Instrumentation and correction
- My worst case : Talk on complication following cervical Spine Surgery

2003

Jan 2003

Association Of Spine Surgeons Of India - Annual Conference

Anterior surgery in cervical spine trauma

- Poster Presentation: Percutaneous Vertebroplasty

Indian Medical Association- Basav Kalyan Karnataka

- Guest Lectures:
 - i. Modern trends in Spine Surgery
 - ii. Joint replacement surgery

AUG. 2003

Orthopaedic Surgeons Association of South Indian States-2nd Annual Meet Bangalore

- Papers Presented
 - Percutaneous Vertebroplasty
- Debate:
 - Role of Surgery In Thoraco-Lumbar Trauma

Combined Instructional Course Lectures –ASSI And European Spine Society

August 2003 – Coimbatore

- Guest Lecture : Management of Cervical spine Trauma

World Spine 11 Chicago USA 2003

- Papers Presented:
 - i. Diffuse Flare Sign - Osteoid Osteoma of Spine –A study of 8 cases
 - ii. Diffusion Imaging of Spine – MRI study of 32 cases

- Poster Presentation

Tuberculosis of Cervical Spine- Diagnostic Difficulty and Management

IMA Regional Conference 2003 Mancherial

- Guest Lecture: Modern trends in spine surgery