

Biodata of Prof. Anil K Jain of University College of Medical Sciences.

Total Pages: 31

RESUME

NAME : **DR. ANIL K. JAIN**

FATHER'S NAME : Late. Shri K.C. Jain

DATE OF BIRTH : 14.04.1957

RESIDENTIAL ADDRESS : A-10 Part B Ashok Nagar, Ghaziabad (U.P.) 201001.

OFFICIAL ADDRESS : Deptt. of Orthopaedics University College of Medical Sciences and GTB Hospital, Delhi, INDIA.

CONTACT NUMBER : Off. 91-11-22592145
Resi. 91-120-(2792778) 9811604663

E-mail : dranilkjain@gmail.com

LANGUAGES PROFICIENCY : Hindi & English

EDUCATIONAL QUALIFICATION:

- M.B.B.S. Gandhi Medical College, Bhopal 1980 63.2%
- M.S.(Orthopaedics) Gandhi Medical College, Bhopal 1984
- M.A.M.S. National Academy of Medical Sciences, New Delhi 2000
- FRCS Royal College of Surgeon's of England. 2011

APPOINTMENTS

S.No.	POST HELD	INSTITUTION	FROM	TO	JOB NATURE
1.	Professor Orthopaedics	University College of Medical Sciences & GTB Hospital, Delhi	15.11.97	Contd.	Clinical & Teaching

2.	Reader Orthopaedics	University College of Medical Sciences & GTB Hospital, Delhi	23.05.92	14.11.97	Clinical & Teaching
3.	Senior Lecturer Orthopaedics	University College of Medical Sciences & GTB Hospital, Delhi	23.05.90	22.05.92	Clinical & Teaching
4.	Lecturer Orthopaedics	University College of Medical Sciences and GTB Hospital, Delhi	20-.05.88	22.05.90	Clinical & Teaching
5.	Senior Resident	Central Institute of Ortho., Safdarjang Hospital, Delhi	08.05.85	07.05.88	Clinical & Teaching
6.	Senior Resident	Sir Ganga Ram Hospital, Delhi	28.12.84	06.05.85	Clinical
7.	Resident Surgeon Orthopaedics	Hamidia Hospital, Bhopal	10.07.82	09.07.84	Clinical & Teaching
8.	House Job Orthopaedics	Hamidia Hospital, Bhopal	10.07.81	09.07.82	Clinical

EXPERIENCE AS HEAD OF THE DEPARTMENT

1. Head of the Department of Orthopaedics, Faculty of Medicine, Delhi University from Dec 2003 – Dec 2006.
2. Head of the Department of Orthopaedics, Faculty of Medicine, Delhi University from 1997-2000.
3. Head of the Department of Orthopaedics, University College of Medical Sciences and GTB Hospital, Delhi from Sept 1997-Mar 2000.
4. Head of the Department of Orthopaedics for University College of Medical Sciences and GTB Hospital in vacation and when regular head on leave from Mar 2000 onwards.

FELLOWSHIPS

- Commonwealth fellowship for training in spine surgery in Royal hospital for sick children Edinburgh, UK 2009
- WOC-Sicot scholarship to attend sicot-sirot at San-Diego 23-30 Aug 2002
- AO fellowship to University Hospital Zurich Switzerland and Queen Medical centre Nottingham UK 6 march-27 April 2001.
- INOR foreign fellowship IOA 1999 to attend BOA Annual conference.
- Krishan Mohan Fellowship of Delhi Orthopaedic Association for 1995.
- WHO fellowship for year 1992-93 for training in Spinal Surgery at Harlow Wood Orthopaedic Hospital, NOTTS NG18 4th United Kingdom under Prof. R.C. Mullholand from 5th April 1993 to 25th June 1993.
- Johnson & Johnson and Roaf Traveling Fellowship of Indian Orthopaedic Association for year 1991.
- Fellowship for training in Hand-Surgery by World Orthopaedic concern to Institute of Research and Rehabilitation of hand Stanley Medical College, Madras, 1990.
- Traveling fellow of U.P. Chapter I.O.A. to Madras year 1988-89.

EDITORIAL EXPERIENCE

- Editor of Indian Journal of Orthopaedics from Nov 2006
- Text book: Edited multi authored book **“Neglected Musculoskeletal Injuries”** Jaypee Brothers Medical Publisher Pvt. Ltd.
- Associate Editor, **“ASSI Text book of spinal trauma and infection”**. Jaypee Brothers Medical Publisher Pvt. Ltd.
- Guest editor – Clinical Orthopaedics and related research July 2007 issue for a symposium on **“Tuberculosis of the spine”**
- Guest editor – Clinical Orthopaedics and related research Feb 2005 issue for a symposium on **“Management of neglected trauma”**

NOTABLE ACHIEVEMENT- Indian Journal of Orthopedics got indexed with “PUBMED” and “SCIENCE CITATION INDEXED EXPANDED” in year 2009.

AWARDS/ ORATIONS

- ASSI Publication Award for 2011
- Past president oration of Delhi orthopaedic Association Jan 2009
- DR B Mukhopadhyay oration of Bihar Orthopaedic Association Mar 2009
- Dr O P Sharma oration of MP chapter IOA Oct 2009
- Best publication award of Delhi Orthopaedic Association 2007
- Dr PK Duriyaswami oration of North Zone Indian orthopaedic association 2006
- Best Oral Presentation award of XXIII Sicot/Sirot World Congress at Istanbul Turkey 2-9 sept 2005 title of the talk” Tuberculous paraplegia - Correlation of clinical course with cord changes on MRI. .
- Best poster Presentation award of XXIII Sicot/Sirot World Congress at Istanbul Turkey 2-9 Sept 2005 .
- Best Publication Paper award of Association of spine surgeons on India for the year 2005
- S N Buxi gold medal for best published paper in Indian Journal of Orthopaedics for year 2005
- Dr. Anil Gupta memorial lecture of UP Chapter IOACON 2004

Jain AK

- Best Paper Award on Spinal Tumor Syndrome - Our Experiences at XIV Annual Conference of North Zone of IOA at Chandigarh 25-27th March, 1994.
- Silver Jubilee lecture Award of Indian Orthopaedic Association, 1994.
- National Scholarship in class XI, XII and MBBS

POSITIONS IN ACADEMIC BODIES

- Editor Indian Journal of Orthopaedics – 2007-2012
- **Secretary –General - World Orthopaedic Concern**
- President – , Delhi Orthopaedic Association , 2006-2007
- Chairman Multispeciality training committee of IOA 2002
- Chairman Implant committee IOA 2000-2002
- Associate Editor - Indian Journal of Orthopaedics.1997-98
- Member, Executive committee of Indian Orthopaedic Association 1994-97.
- Member, Editorial Board, Indian Journal of Orthopaedics 1991-94
- Joint Secretary, Delhi Orthopaedic Association 1987-88.

MEMBERSHIP OF PROFESSIONAL BODIES

- Indian Orthopaedic Association
- SICOT
- Orthopaedic Association of SAARC countries
- World Orthopaedic concern
- Indian Medical Association
- Association of spinal surgeons of India
- Trauma society of India
- Asia Pacific Orthopaedics Association

ORGANIZATION OF CONFERENCES

- Chairman scientific committee, Annual Conference of Indian Orthopaedic Association, **IOACON 2011**, Noida-Ghaziabad.
- Chairman scientific committee “Advance clinical evidence in trauma” Noida 7th Dec 2011.
- Course Director “Continuing Orthopaedic Education Course” on knee & ankle, Patna 2011.
- Convener Scientific Committee of Annual conference of Indian Orthopaedic association ,New Delhi 2006
- Organizing secretary of Annual conference of Delhi Orthopaedics Association 4-5 Jan 2003
- Organizing secretary of Continuing Medical Education on Repair and Regeneration of Bone on 4 Jan 2003.
- Course convener for continuing Orthopaedic education course on SPINE 18-21 Sept 2003 in Delhi
- Chairman scientific committee Annual conference of UPIOACON Feb 2002 at Ghaziabad.
- Organizing secretary of Midyear symposium of Delhi Orthopaedics Association on Deformity correction 20 Aug 2000.

PARTICIPATION AS FACULTY MEMBER FOR PG COURSES

Sr. No.	Course	Year
1	Hyderabad	1999
2	Ahmedabad	2001
3	Indore	2002, 2003, 2004, 2005, 2007
4	UP Chapter PG course	2002, 2004, 2010
5	New Delhi	2002, 2004, 2007, 2009, 2010
6	Kolkata	2003, 2004, 2007

7	Bardwan	2006, 2009
8	Bhopal	2006, 2008
9	Bangalore	2008

CONTRIBUTIONS IN THE COMMUNITY AND NATIONAL PROGRAMME

- Participating in operative Orthopaedic camp in Shri Anandpur Charitable hospital Distt. Guna MP for last 20 years in first week of Feb every year.
- Conducted Orthopaedic camp at Bhagyodyay thirth hospital sagar MP 2002 and 2004.
- Participated in operative Orthopaedic camp by Govt. of MP at district Guna MP Dec 2001.
- Participated in operative Orthopaedic camp with Life line express at Ruthae District Guna 1994
- Participated in polio camps at NTPC Dadri from 1995-99.

PUBLICATIONS (Indexed)

1. Jain AK, Kumar J. Tuberculosis of spine: neurological deficit. Eur Spine J. 2012 May 8. [Epub ahead of print].
2. Singh AP, Dhammi IK, **Jain AK**, Singh MP. Neglected floating fifth metacarpal: a case report. Acta Orthop Traumatol Turc. 2012;46(2):136-8.
3. **Jain AK**, Dhammi IK, Modi P, Kumar J, Sreenivasan R, Saini NS. Tuberculosis spine: Therapeutically refractory disease. Indian J Orthop. 2012 Mar;46(2):171-8.
4. **Jain AK**, Rajasekaran S. Tuberculosis of the spine. Indian J Orthop. 2012 Mar;46(2):127-9.
5. Kamara E, Mehta S, Brust JCM, **Jain AK**. Effect of delayed diagnosis on severity of Pott's disease. International Orthopaedics. Int Orthop. 2012 Feb;36(2):245-54
6. **Jain AK**, Jain S. Instrumented stabilization in spinal tuberculosis. Int Orthop. 2012 Feb;36(2):285-92.
7. **Jain AK**, Sreenivasan R, Saini NS, Kumar S, Jain S, Dhammi IK. Magnetic Resonance evaluation of tubercular lesion in spine. Int Orthop. 2012 Feb; 36(2):261-9.

8. Jain P, Mehtani A, Goel M, Jain S, Sood A, **Jain AK**. Correlation of foot bimalleolar angle with Pirani score to assess the severity of congenital talipes equinovarus deformity. *J Pediatr Orthop B*. 2012 Jan;21(1):68-72.
9. **Jain AK**. Indian Journal of Orthopaedics dedicated to education, care and research. *Indian J Orthop*. 2012 Jan; 46(1):1-3.
10. Dhammi I, **Jain AK**, Singh A, Rehan-Ul-Haq, Mishra P, Jain S. Primary nonunion of intertrochanteric fractures of femur: An analysis of results of valgization and bone grafting. *Indian J Orthop*. 2011 Nov; 45(6):514-9.
11. Tuli SM, Kapoor V, **Jain AK**, Jain S. Spinaplasty following lumbar laminectomy for multilevel lumbar spinal stenosis to prevent iatrogenic instability. *Indian J Orthop*. 2011 Sep; 45(5):396-403.
12. Singh AP, Dhammi IK, **Jain AK**, Raman R, Modi P. Monteggia fracture dislocation equivalents -analysis of eighteen cases treated by open reduction and internal fixation. *Chin J Traumatol*. 2011 Aug 1; 14(4):221-6.
13. Tsirikos AI, **Jain AK**, Scheuermann's kyphosis; current controversies. *J Bone Joint Surg Br*. 2011 93-B: 857-864.
14. **Jain AK**. Impact factor: Measure of quality of research publication. *Indian J Orthop*. 2011 Jul; 45(4):289-90.
15. Singh AP, Dhammi IK, Vaishya R, **Jain AK**, Singh AP, Modi P. Nonunion of coronal shear fracture of femoral condyle. *Chin J Traumatol*. 2011 June (1); 14(3): 143-6.
16. Singh AP, Dhammi IK, **Jain AK**. Neglected reverse Essex-Lopresti injury with ulnar nerve compression. *Chin J Traumatol*. 2011 Apr 1; 14(2):111-3.
17. Singh AP, Dhammi IK, **Jain AK**, Bhatt S. Extraskeletal juxtaarticular chondroma of the knee. *Acta Orthop Traumatol Turc*. 2011 Mar-Apr; 45(2): 130-34.
18. **Jain AK**. The rational treatment of fractures: Use the evidence with caution. *Indian J Orthop*. 2011 Mar; 45(2):101-2.
19. **Jain AK**. Indian Journal of Orthopaedics: Exploring a new horizon. *Indian J Orthop*. 2011 Jan; 45 (1):1-2.
20. Bhandari M, **Jain AK**. Evidence-based orthopedics: One step closer!. *Indian J Orthop*. 2011 Jan; 45 (1):3.
21. **Jain AK**. Tuberculosis of the spine: a fresh look at an old disease. *J Bone Joint Surg Br*, 2010; 92-B: 905 - 913.
22. **Jain AK**, Dhammi I. K., Singh A. P., Mishra P. Neglected traumatic dislocation of the subaxial cervical spine. *J Bone Joint Surg [Br]* 2010; 92-B: 246-9.

23. Dhammi I K, **Jain AK**, Singh A P, Mishra P, Jain S. Oncogenic osteomalacia: Problems in diagnosis and long-term management. *Indian J Orthop.* 2010 Oct; 44(4):453-457.
24. **Jain AK**, Dhammi I. K., Jain S, Mishra P. Simultaneously anterior decompression and posterior instrumentation by extrapleural retroperitoneal approach in thoracolumbar lesions. *Indian J Orthop.* 2010 Oct; 44(4):409-416.
25. Singh AP, **Dhammi IK**, Jain AK, Jain S. Neglected isolated fracture of the trochlea humeri. *Chin J Traumatol.* 2010 Aug 1;13(4):247-9.
26. Maheshwari AV, Zlowodzki MP, Siram G, **Jain AK**. Femoral neck anteversion, acetabular anteversion and combined anteversion in the normal Indian adult population: A computed tomographic study. *Indian J Orthop.* 2010 Jul; 44(3):277-82.
27. **Jain AK**. Ethical issues in scientific publication. *Indian J Orthop.* 2010 Jul; 44(3):235-7.
28. **Jain AK**, Dhammi I K, Jain S, Mishra P. Kyphosis in spinal tuberculosis Prevention and correction. *Indian J Orthop.* 2010 Apr; 44(2):127-136.
29. **Jain AK**, Sahu DK. Indian Journal of Orthopaedics: The journey so far. *Indian J Orthop.* 2010 Jan; 44(1):1-4.
30. **Jain AK**. Research in orthopedics: A necessity. *Indian J Orthop.* 2009 Oct; 43(4):315-7.
31. **Jain AK**, Yadav SS. Bone health– An investment. *Indian J Orthop.* 2009 Jul; 43(3):223-4.
32. Saccone M, **Jain AK**. Fracture healing in India: Available therapies, indications, and protocols. *Indian J Orthop.* 2009 Apr; 43(2):175-81.
33. Bhandari M, **Jain AK**. Bone stimulators: Beyond the black box. *Indian J Orthop.* 2009 Apr; 43(2):109-10.
34. **Jain AK**. Peer review: Heart and soul of scientific publication. *Indian J Orthop.* 2009 Jan; 43(1):3-5.
35. **Jain AK**, Dhammi IK, Prashad B, Sinha S, Mishra P. *J Bone Joint Surg Br.* 2008 Nov;90 (11): 1477-81. Comments in *J Bone Joint Surg Br.* 2009 May;91 (5): 702-3, Simultaneous anterior decompression and posterior instrumentation of the tuberculous spine using an anterolateral extrapleural approach.
36. **Jain AK**, Dhammi IK, Prasad B, Mishra P. Simultaneous anterior decompression and posterior instrumentation of the tuberculous spine using an anterolateral extrapleural approach. *J Bone joint Surg (Br).* 2008 ; 90-B: 1477-81
37. **Jain AK**. Teaching-learning: An integral component of sound patient care. *Indian J Orthop.*

2008 Jul; 42(3):239-40.

38. **Jain AK**. Editors' reply. Indian J Orthop. 2008 Apr; 42(2):233-4.
39. **Jain AK**, Jena SK, Singh M, Dhammi I, Ramachadran V, Dev G. Evaluation of clinico-radiological, bacteriological, serological, molecular and histological diagnosis of osteoarticular tuberculosis. Indian J Orthop. 2008 Apr; 42(2):173-7.
40. Sandhu HS, Dhillon MS, **Jain AK**. Femoral neck fractures. Indian J Orthop. 2008 Jan; 42(1):1-2.
41. **Jain AK**. Spinal trauma: A challenge ahead. Indian J Orthop. Vol 41, No. 4 October 2007.
42. Prashad Bhagwat, **Jain AK**, Dhammi Ish K. Tarlov cyst: Case report and review of literature. Indian J Orthop. Vol 41, No. 4 October 2007.
43. Aggarwal A N, **Jain AK**, Kumar S, Dhammi I K, Bhagwat P. Reconstructive procedures for segmental resection of bone in giant cell tumors around the knee. Indian J Orthop. Vol 41, No. 2 April 2007.
44. **Jain AK**. Scientific communication. Indian J. of Orthopaedics. Vol 41, No. 1 January 2007.
45. Mohit Bhandari, **Jain AK**. The need for evidence-based orthopedics. Indian J Orthop. Vol 41, No. 1 January 2007.
46. **Jain AK**. Tuberculosis of the spine: editorial comment. Clin Orthop Relat Res. 2007; 460:2-3.
47. **Jain AK**, Dhammi IK. Tuberculosis of the Spine: A Review. Clin Orthop Relat Res. 2007; 460:39-49.
48. **Jain AK**, Maheshwari AV, Jena S. Kyphus Correction in Spinal Tuberculosis. Clin Orthop Relat Res. 2007; 460:117-123.
49. Kumar S, **Jain AK**, Dhammi IK, Aggarwal AN. Treatment of Intraspinal Tuberculoma. Clin Orthop Relat Res. 2007; 460:62-66.
50. **Jain AK**, Chauhan RS, Dhammi IK, Maheshwari AV, Ray R. Tubercular pseudoaneurysm of aorta: a rare association with vertebral tuberculosis. Spine J. 2007;7(2):249-53.
51. Dhammi IK, Maheshwari AV, **Jain AK**. Subtrochanteric Periosteal chondroma: A case report and tumor overview. IJRI, 16:3: 329-32; 2006.

52. Maheshwari AV, **Jain AK**, Dhammi IK. Osteochondroma of C7 vertebra presenting as compressive myelopathy in a patient with nonhereditary (nonfamilial/sporadic) multiple exostoses. Arch Orthop Trauma Surg. 2006;126(10):654-9.
53. Maheshwari AV, **Jain AK**, Dhammi IK. Extraskkeletal paraarticular osteochondroma of the knee--a case report and tumor overview. Knee. 2006 Oct;13(5):411-4.
54. Maheshwari AV, **Jain AK**, Dhammi IK, Singh S, Chauhan RS. Concomitant multiple closed contiguous physeal injuries in a limb with an undescribed distractional-epiaration' type with vascular compromise: a report of two cases. Arch Orthop Trauma Surg. 2006 ;126(5):354-8. Epub 2006 Mar 16.
55. Arora A, Nadkarni B, Dev G, Chattopadhyaya D, **Jain AK**, Tuli SM, Kumar S. The use of immunomodulators as an adjunct to antituberculous chemotherapy in non- responsive patients with osteo-articular tuberculosis. J Bone Joint Surg Br. 2006 ;88(2):264-9.
56. Dhammi IK, Singh S, **Jain AK**, Kumar S. Isolated tuberculous tenosynovitis of the flexor carpi ulnaris: a case report and review of literature. Acta Orthop Belg. 2006 ;72(6):779-82.
57. **Jain AK**, Sinha S. Evaluation of systems of grading of neurological deficit in tuberculosis of spine. Spinal Cord. 2005; 43(6): 375-80.
58. Dhammi IK, Singh S, **Jain AK**. Displaced femoral neck fracture in children and adolescents: closed versus open reduction--a preliminary study. J Orthop Sci. 2005; 10(2):173-9.
59. **Jain AK**, Editorial Remarks in symposium on "Treatment of Neglected Trauma". Clin Orthop Rel Res. 431, 2005: 2-3.
60. Kumar S, **Jain AK**, Neglected traumatic dislocation of the hip in children in symposium on "Treatment of Neglected Trauma". Clin Orthop Rel Res. 431, 2005: 9-13.
61. **Jain AK**, Sinha S. Infected non union of the long bones. In symposium on "Treatment of Neglected Trauma". Clin Orthop Rel Res. 2005; (431):57-65.
62. **Jain AK** .Sinha S. Evaluation of paraplegia grading systems in tuberculosis of the spine. Jain AK, Sinha S. Spinal Cord. 2005; 43(6):375-80.
63. **Jain AK**, Aggarwal PK, Arora A, Singh S. Behaviour of the kyphotic angle in spinal tuberculosis. Int Orthop. 2004; 28(2):110-4. .
64. **Jain AK**, Agarwal P, Singh S, Arora A. Extrapleural anterolateral decompression in spinal tuberculosis. J. Bone Joint surg. 86-B, (7), 2004:1027-31.

65. Kotru M, Rusia U, Sikka M, Chaturvedi S, **Jain AK**. Evaluation of serum ferritin in screening for iron deficiency in tuberculosis. *Ann Hematol*. 2004 ;83(2):95-100.
66. Dhammi IK, **Jain AK**, singh S, Agarwal A, Kumar S. multifocal skeletal tuberculosis in children: A retrospective study of 18 cases. *Scand. J. Infect. Dis*. 2003; 35:797-799.
67. **Jain AK**, Sinha S. Letter to Editor on “Tuberculosis of the thoracic spine”. *J. Bone Joint Surg* 85-B No.1 2003.
68. **Jain AK**, Maheshwari AV, Nath S, Singh MP, Nagar M. Anteversion of the femoral neck in Indian dry femora *J. Ortho Sci* . (2003) 8: 334-340.
69. **Jain AK**, Agarwal AN. Letter to Editor. *Clinical Orthopaedics and related research*. 411, 346:2003.
70. **Jain AK**. Treatment of tuberculosis of the spine with neurologic complications in symposium on Osteo-articular tuberculosis. *Clin Orthop Rel Res* .2002; 398 :75-84.
71. Singh S, **Jain AK** Arora A, Bharagava SK, Khanna J. Estimation of rate of osteogenesis by tetracycline double labeling in intertrochanteric fractures of femur in different age groups and its correlation with radiological gradings of osteoporosis. *J.Orthop. Science*. 2002 ;7(2) :2002.
72. Dhammi IK, **Jain AK** , Non-operative treatment intramedullary tuberculoma *Tropical Doctor* 2002 ; 32 :2-3.
73. Dhammi IK, Singh S, **Jain AK**. Hemiplegic/monoplegic presentation of cervical spine (C1-C2) tuberculosis. *European spine Journal*. 2001; 10 (6) :540-544.
74. **Jain AK**, Zulfiqar AM, Kumar S, Dhammi IK: evaluation of foot bimalleolar angle in the management of congenital talipes equinovarus. *J. Paediatric. Orthopaedics*.2001; 21(1):60-4.
75. Dhammi IK ,**Jain AK**, Arora A: Isolated dislocation of second metacarpal at both ends; *Journal of Orthopaedic trauma* 2001;15(2):143-45,
76. Agarwal AN, Dhammi IK **Jain AK**: Multifocal skeletal tuberculosis *Tropical Doctor* 2001 ;31: 219-220.
77. Dhammi IK, **Jain AK** Unusual tubercular abscesses in two elderly women Letter to editor. *Tropical Doctor*. 2001; 31(4):249.
78. Dhammi IK ,**Jain AK**, Arora A: Isolated dislocation of second metacarpal at both ends; *Journal of Orthopaedic trauma* 2001;15(2):143-45.

79. Jain A.K., Dhammi IK. Infected Non-union –Current concept. International academy of Medical Sciences. 2000; 13 (3):206-211.
80. **Jain AK**, Jena A, Tuli SM. Correlation of clinical course with Magnetic resonance imaging in tuberculous myelopathy Neurology India. 2000; 48(.2): 132-139.
81. **Jain AK**, Dhammi IK, Arora A, Singh MP, Kumar S. Cubitus Varus - Problem and Solution. Archives Orthop Trauma surg .2000; 120(7-8):420-425.
82. Dhammi IK, **Jain AK**. Spinal cord Tuberculoma and misleading MR Imaging; Letter to editor. Neurology India 2000; 48:96.
83. Kumar S, **Jain AK**. Open reduction of late unreduced traumatic posterior hip dislocation in 12 children Acta Orthop Scand 1999; 70(6):599-602.
84. **Jain AK**, Agarwal AN, Mehrotra G, Correlation of canal encroachment with neurological deficit in tuberculosis of spine. International Orthopedics 1999:23 (2,) 85-86.
85. **Jain AK**, Kumar S, Tuli SM. Tuberculosis of spine C1-D4. Spinal cord; 37:362-369. 1999.
86. **Jain AK**, Letter to editor for Journal of Bone Joint Surgery (Br.); 81-B; 1999 182.
87. Gambhir J, Lali P, **Jain AK**. Correlation between serum lipid peroxide and anti-oxidant levels in Rheumatoid Arthritis. Clinical Biochemistry. 1997;30(4):351-355,
88. Adiga BK, Singh N, Arora VK, Bhatia A, **Jain AK**. Rhino Sporodiosis with an unusual presentation of bony involvement. Acta cytologica..1997; 41: 889-91.
89. Dwivedi S, **Jain AK**, Agarwal MP, Aneja A. Rib tuberculosis simulating Tietze's syndrome. Tropical Doctor 1998; 28: 117.
90. Kumar S, Arora A, **Jain AK**. Volar carpo-metacarpal dislocation - A report of 4 cases - J of Orthop. Trauma 12(7) : 523-526.
91. Kumar S, Sethi A, **Jain AK**. Surgical treatment of Acromio-clavicular Dislocation using Coraco-acromial ligament and Coraco-clavicular fixation- Report of Technique in fourteen cases- J of Orthop. Trauma, 1995;. 9(6): 507-510.
92. **Jain AK**, Sharma D.K., Kumar S, Sethi A, Arora A, Tuli SM. Reincorporation of long diaphyseal sequestrum in chronic osteomyelitis. International Orthopaedics (SICOT) .1995; 19: 238-241.
93. **Jain AK**, Sethi S, Arora A, Tuli SM, Singh RP. Enterogenous Intramedullary Cyst- Indian

Pediatrics, 1994; 31: 224-228.

94. **Jain AK**, Kumar S, Shiv V, Singh H and Tuli SM. Retrofascial pyogenic iliac fossa abscess- 20 cases studied by sonography - Acta Orthopaedica Scandinavica 1992, 63(1) : 53-56.
95. **Jain AK** et al. Retrofascial Pyogenic iliac fossa abscess in Clinical Digest. Abstracted in Orthopaedics/Rheumatology Digest 1992; 15-16, December 1992.
96. Jena AN, **Jain AK**, Tripathi RP. Primary spinal echinococcosis causing paraplegia- Case report with MR and Pathologic correlation. Am Journal of Nuclear Radiology .1991;12(3):560.
97. Jena AN, **Jain AK** Tripathi RP. Primary Spinal. Echinococcosis causing paraplegia- Case report with MR and pathologic correlation listed in Current Opinion in Neurology and Neurosurgery.
98. Sharma VK, **Jain AK**, Gupta RK, Tyagi AK and Sethi PK. Non-operative treatment of fracture of Humeral Shaft - A comparative study. Journal of Indian Medical Association, 1991; 89 (6): 157-161.
99. Shiv VK, **Jain AK**, Taneja K and Bharagava SK. Sonography of hip joints in infective arthritis. J of Canadian Association of Radiologist. 1990; 41: 76-78.
100. Shiv VK, **Jain AK**, Taneja K and Bharagava SK. Abstract of Sonography of hip joints in infective arthritis in Clinical Digest Series in Orthopaedic/Rneumatology section 4, 1991, 12-13.
101. Mohan K, Gupta AK, Sharma J, Singh AK **Jain AK**. Internal fixation in 50 cases of galeazzi fracture. Acta Orthop Scand.1988; 59(3): 314-318.

PUBLICATIONS (Non-Indexed Journals)

1. **Jain AK**, Maheshwari AV, Singh MP. Femoral neck anteversion in Indian population. Indian J. of Orthopaedics. Vol 39, No. 3 July 2005.
2. Maheshwari AV, **Jain AK**, Singh MP, Bhargava SK Anteversion of the femoral neck in Indian population by preoperative, clinical and radiological methods. Indian J. of Orthopaedics. Vol 38, No. 3 July 2004.
3. **Jain AK**, Dhammi IK, Kumar S, Singh S. Intraspinal tubercular granuloma. Indian J. of Orthopaedics. Vol 37, No. 3 July 2003, 182-85.

4. Dhammi IK, Jain AK, Arora G. Thoracic myelopathy secondary to ossified ligamentum flavum. Indian Journal of Orthopaedics; Vol 36, No.3 July 2002, 199-202.
5. Monga J, Kumar S, Kumar M, **Jain AK**, Dhammi IK, Bharihoke V. Bone dynamics in 50-70-years age group using tetracycline double labeling in humans. Indian Journal of Orthopaedics. 2002;36 (2) :107-110.
6. **Jain AK**, Dhammi IK, Sinha S, Kumar V: Current concepts-Management of tuberculosis of spine- challenges and controversies. Indian Journal of Orthopaedics. 2001; 35(4): 194-199.
7. Manjul KK. Dhammi IK, **Jain AK**. Rare presentation of tuberculosis. Indian Journal of Orthopaedics 2000; 34(4):
8. **Jain AK**, Jena AN, Kumar S, Dhammi IK, Tuli SM. Fate of intervertebral disc space in tuberculosis of spine and its clinical significance – Indian Journal of Orthopaedics 1999; 33 (2) : 90-94 .
9. Agarwal AN, Kumar S, Prakash Ram, **Jain AK**. Tetracycline double labelling based assessment of incorporation of bone graft in humans. Indian journal of orthopedics 1999; 33 (4).279-281 ..
10. Dhammi IK, Agarwal AN, **Jain AK** Pathological fracture in clavicular osteomyelitis, Indian journal of orthopedics. 1998; 32:306.
11. Dhammi IK, **Jain AK**. Melorheostosis and linear scleroderma, Indian journal of Orthopaedics; 1998: 33:214-15.
12. Agarwal AN, **Jain AK** Cervical laminoplasty. Indian Journal of Orthopaedics. 1998;32 (1).
13. **Jain AK**, Sethi R, Kumar S. Atypical presentation of spinal tuberculosis. Indian Journal of Orthopaedics. 1997; 31(3): 164-170.
14. **Jain AK**, Jena AN and Dhammi IK. Syrinx formation in spinal cord in advanced tubercular quadri/paraplegia - A brief report. Indian Journal of Orthopaedics. 1997; 31(2):136-138.
15. **Jain AK**, Arora A, Kumar S, Sethi A, Avtar R. Measurement of pre-vertebral soft tissue space in an Indian Population - Indian Journal of Orthopaedics. 1994;28(2) : 27-31.
16. Sethi A, Sethi S, Bhatia A, **Jain AK**, Agarwal K & Kumar S. Extra abdominal fibromatosis - Annals of National Academy of Medical Science (India). 1992; 28 (3&4): 159-164.
17. **Jain AK**, David J, Singh H, Shiv V & Kumar S. Acute osteomyelitis complicating closed fractures - Indian Journal of Orthopaedics, 1991;25(2):116-117.

18. **Jain AK**, Sharma VK, Raj GA & Singh AK. Enbloc Resection and Reconstruction by ipsilateral upper end of fibula in giant cell tumor of lower end radius in Orthopaedic Journal of M.P. Chapter of I.O.A. 1991:6(1); 14-17.
19. **Jain AK**, Anand R and Kumar S. Anterior dislocation of hip and contralateral posterior dislocation of hip with fracture neck of femur. Indian Journal of Orthopaedics 1989; 23 (2): 193-194.
20. **Jain AK**, Gupta AK, Singh AK, Raj GA & Mohan K. Giant Cell tumor of Bone - A review of fifty six cases. Orthopaedic Journal of M.P. Chapter 1987; 2(1): 7-13.
21. **Jain AK**, Khare AK, Kumar G, Singh AK and Sural A. Osteotomy of ramus of mandible in temporo-mandibular ankylosis. The Delhi Orthopaedic Journal 1987; .3(1): 30-34.
22. Gupta AK, **Jain AK**. Multiple tubercular dectylitis - Case report - The Clinician. 1987, 738-740.
23. **Jain AK**, Khare AK, Gupta AK, Bajpai P and Sural A. Sport injuries and children - An analysis - Orthopaedic Journal of M.P. Chapter 1987 ; 2(2):30-35.
24. **Jain AK**, Sharma OP, Shrivastava N, Gupta AK and Mohan K. Rigid internal fixation of fracture olecranon by tension-band-wiring-The Clinician, 51(.4): 534-538.
25. Gupta AK, Srivastava KP, Goyal RK, **Jain AK** and Jain VK. Pulsing Electromagnetic stimulation in compound fractures - The Delhi Orthopaedic Journal 1986 ;.2(2): 23-29.
26. **Jain AK**, Gupta AK, Singh AK, Mohan K and Sural A. Our experiences with French osteotomy in Cubitus Varus - The Delhi Orthopaedic Journal 1986; 2(2): 38-43.
27. Gupta AK, Mohan K, **Jain AK**, Singh AK and Raj GA. Paget's disease – report of two cases - Journal of Bone and Joint Disease -1986;.2(1):55-58.

CONTRIBUTION TO BOOKS

1. **Jain AK**. “Tuberculosis of spine with neurological deficit” in ASSI Text book of spinal trauma and infection”. Jaypee Brothers Medical Publisher Pvt. Ltd.
2. **Contributed** 6 chapter in a text book on “Neglcted musculoskeletal injuries” Published by Jaypee Brothers.
3. **Jain AK**. “Cubitus varus “in a book on “issues and solutions in common fractures” released

by Orthopaedic research and education foundation 2008.

4. **Jain AK.** “Knee contracture” in a book on “issues and solutions in common fractures” released by Orthopaedic research and education foundation 2008.
5. **Jain AK.** “Nonunion of Femoral neck fracture” in a book on “issues and solutions in common fractures” released by Orthopaedic research and education foundation 2008.
6. **Jain AK.** How to conduct a clinical research and prepare it for publication. Current concept and future challenges in trauma and orthopaedics (2007) edited by Dr. DK Taneja.
7. Mishra P, Jena S, **Jain AK.** Distal radius fracture: Percutaneous pinning. Current concept and future challenges in trauma and orthopaedics edited (2007) by Dr. DK Taneja.
8. **Jain AK.** Painful stiff elbow in a book released by Orthopaedic research and education foundation 2004
9. **Jain AK.** Cubitus varus/ valgus in a book released by Orthopaedic research and education foundation 2004
10. **Jain AK.** Tuberculosis of the spine with neurological deficit. in “spine” book released by Orthopaedic research and education foundation 2003
11. **Jain AK.** Anterolateral decompression in spinal tuberculosis. in “spine” book released by Orthopaedic research and education foundation 2003
12. Sudhir Kumar, **Jain AK,** Neglected traumatic posterior dislocation of hip in Textbook of Orthopaedics and Traumatology - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Publisher JAYPEE Brothers Vol 3 page 2226.
13. **Jain A.K.** Atypical spinal tuberculosis in Text book of Orthopaedics and Traumatology- an official publication of Indian Orthopaedic Association. Editor G.S. Kulkarni. Publisher JAYPEE Brothers Vol 3 page 450.
14. Sudhir Kumar, **Jain AK.** Arthrodesis of Ankle in Textbook of Orthopaedics and Traumatology - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Publisher JAYPEE Brothers Vol 3 page 3777.
15. Sudhir Kumar, **Jain AK.** Slipped Capital femoral epiphysis in Textbook of Orthopaedics and Traumatology - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Publisher JAYPEE Brothers Vol 3 page 3628.
16. A chapter on “Tuberculosis of spine with neurological deficit” in Textbook of Orthopaedics and Traumatology - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Publisher JAYPEE Brothers Vol.3, page 370.

17. **Jain AK**, Sudhir Kumar. Infantile coxavara. Clinical Orthopaedics India. Editor Dr. G.S. Kulkarni.
18. **Jain AK**, I.K.Dhammi. Arthrodesis of hip in Textbook of Orthopaedics and Traumatology - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Publisher JAYPEE Brothers Vol4 page 3765.
19. Monogram : Current Trend in Pain Research and Therapy Vol. V Pain
 - a. Sensitivity and Management of Pain Syndromes.
 - b. Editor : K.N. Sharma, Usha Nayar & Neena Bhattacharya
 - c. Published by : Indian Society for Pain, Research and Therapy.
 - d. Author : Anil Kumar Jain, Sudhir Kumar & Hardeep Singh.
 - e. Topic : Myofascial Pain Syndromes (Page 205-208), 1989.
20. Monograms : Current Trend in Pain Research & Therapy - Stimulus Produced Analgesia.
 - a. Editor : Indian Society for Pain, Research and Therapy.
 - b. Author : Mohan K, Gupta AK, **Jain AK**, Sharma J.
 - c. Topic : Management of frozen shoulder (Page 171-174), 1986.

PAPER PRESENTED INTERNATIONAL

1. Delivered a lecture on “Quality of orthopaedic in developing countries – strategies to improve” by video conferencing at Karachi, 29th Jan 2012.
2. **Jain AK**. Trauma statistics in India. “Advance clinical evidence in trama” trauma Course – 7th Dec 2011, Park Plaza, Noida.
3. **Jain AK**. Tuberculosis of spine in children in symposium on Tuberculosis spine: current evindance for treatment stregeties. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
4. **Jain AK**. Therapeutically refractory TB spine. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
5. **Jain AK**. Quality of orthopaedic care in developing countries – strategies to improve.
6. **Jain AK**. MR evaluation of tubercular spine. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
7. **Jain AK**. Kyphosis in spinal tuberculosis – prevention and correction. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
8. **Jain AK**. Neglected hoffa’s fracture. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.

9. **Jain AK.** Neglected traumatic dislocation of the subaxial cervical spine. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
10. **Jain AK.** Stimulation anterior decompression and posterior instrumentation by extrapleural retroperitoneal approach for thoracolumbar lesions – A series of 52 cases.
11. **Jain AK.** Stimulation anterior decompression and posterior instrumentation by extrapleural retroperitoneal approach for thoracolumbar lesions – A series of 52 cases.
12. **Jain AK.** Quality of orthopaedic care in developing countries – strategies to improve.
13. **Jain AK.** MDR and XDR TB. Annual Scientific Meeting of 49th ISCoS. 29 - 31 Oct Delhi 2010.
14. **Jain AK.** Septic arthritis of hip in children. Annual conference of Middle East orthopaedic association. 26 Jan Dubai 2009.
15. **Jain AK.** Clubfoot. Annual conference of Middle East orthopaedic association. 26 Jan Dubai 2009.
16. **Jain AK.** TB spine –Evidence for management principles. Scoliosis Research Society – Delhi 4th Oct 2008.
17. **Jain A.** MR Evaluation of TB spine lesion. Sirot-Sicot triennial world congress. 24 -28 August Hongkong 2008.
18. **Jain AK.** Instrumented stabilization in TB spine. Sirot-Sicot triennial world congress .24 -28 August Hongkong 2008.
19. **Jain AK.** Podogram and foot bimalleolar angle in the evaluation of club foot. Sirot-Sicot triennial world congress. 24 -28 August Hongkong 2008.
20. **Jain AK.** Kyphosis correction in spinal tuberculosis. Sirot-Sicot triennial world congress .24 -28 August Hongkong 2008.
21. **Jain AK.** Grading of neural deficit in paraplegia with TB spine. Sirot-Sicot triennial world congress .24 -28 August Hongkong 2008.
22. **Jain AK.** Femoral neck anteversion – comparative evaluation by clinical, biplane radiography, CT and intraoperative (in same subject) and dry femora. Poster presentation. Sirot-Sicot triennial world congress .24 -28 August Hongkong 2008.
23. **Jain AK, Jena A.** Tuberculous paraplegia - Correlation of clinical course with cord changes on MRI. .Awarded Best Oral Presentation award. . XXIII Sirot-Sicot world congress .2-9 sept Istanbul Turkey 2005.

24. **Jain AK** , Jena S , Ramachandran V. Correlation of Clinicoradiological, bacteriological, immunological and histological diagnosis of osteoarticular tuberculosis . XXIII Sirot-Sicot world congress .2-9 sept Istanbul Turkey 2005.
25. **Jain AK**. Kyphus correction in spinal tuberculosis Awarded Best poster Presentation award. . XXIII Sirot-Sicot world congress .2-9 sept Istanbul Turkey 2005.
26. **Jain AK**, Maheshwari AN, Singh MP. Femoral neck anteversion – Indian perspective.Awarded Best Poster Presentation award. XXIII Sirot-Sicot world congress .2-9 sept Istanbul Turkey 2005.
27. **Jain AK**, Maheshwari AN. Acetabular anteversion, femoral neck shaft angle –normal value for indial population. XXIII Sirot-Sicot world congress. 2-9 sept Istanbul Turkey 2005.
28. **Jain AK**. Evaluation of systems of grading of paraplegia in tuberculosis of the spine. XXII Sirot-Sicot world congress .23-30 Aug San Diego USA 2002.
29. **Jain AK**. Tuberculosis of the hip .WOC session in XXII Sirot-Sicot world congress .23-30 Aug San Diego USA 2002.
30. **Jain AK**. Behaviour of angle of kyphosis in tuberculosis of the spine. XXII Sicot-Sirot world congress .23-30 Aug San Diego USA 2002.
31. **Jain AK**.Anterolateral decompression in spinal tuberculosis. XXII Sirot-Sicot world congress .23-30 Aug San Diego USA 2002.
32. **Jain AK**; Delivered CME Lecture on ‘Management of infected non-union of long bones’ in biennial conference of SAARC countries New Delhi mar 8-10; 2000.
33. **Jain AK**, Luthra J presented a poster on Calculation of rate of neo-osteogenesis by tetracycline double labelling in Indian population Annual conference of British Orthopaedics association Glasgow sept 1999.
34. Delivered guest lecture on “injuries around elbow joint and supracondyler fracture in children” in a symposium on rational treatment of fracture at B.P.Koirala institute of health sciences, Dharan NEPAL march 1999
35. **Jain AK**, Tuli SM. Correlation of canal occupancy with neurological deficit in spinal tuberculosis - Poster presentation and oral presentation at SICOT-96, 20th World Congress, 18-23 Aug. 1996 Amsterdam.
36. **Jain AK**. Fate of intervertebral disc space in paradiscal tuberculosis lesion and its clinical significance. SIROT 96 7th World Congress 18-19 Aug 1996 Amsterdam.
37. **Jain AK** . Atypical Presentation of Spinal Tuberculosis: Combined meeting of international

bone and joint tuberculosis club with European bone and joint infection Society 16-17 Aug 1996 Amsterdam.

38. **Jain AK.** Tuberculosis of Spine C1-D4. Combined meeting of International Bone and Joint Tuberculosis Club with European Bone and Joint Infection Society, 16-17 Aug. 1996 Amsterdam.
39. **Jain AK.** Intraspinal Tuberculous Granuloma presenting as Spinal Tumour Syndrome. Combined meeting of International Bone and Joint Tuberculosis Club with European Bone and Joint Infection Society, 16-17 Aug. 1996 Amsterdam.
40. **Jain AK.** Tuberculosis of Cervical Spine (C1-T2) Sicot Asia - Australia - Bombay September 29 to October 1, 1994.
41. Gambhir J, Lali P, **Jain AK.** Serum lipid peroxidase and antioxidant levels in Rheumatoid Arthritis 16th International Congress of Biochemistry and molecular Biology, New Delhi 19-22 Sept., 1994.
42. **Jain AK.** Delivered a Lecture on "Management of TB of the Spine" at Harlow Wood Orthopaedic Hospital, Nottingham Road, United Kingdom on 16.6.93 during visit of continental surgeons.
43. **Jain AK.** Presented Correlation of Clinical Course with MRI observations in Tuberculous Paraplegia at Eighth Oswestry Spinal Symposium United Kingdom on 9.6.93.

PAPER PRESENTED National

2012

- Delivered lecture in ROSACON, Ajmer 7th – 8th Jan on “Treatment of multidrug resistant TB spine”.
- Delivered a lecture in CGIOACON, Bilaspur 21st – 2nd Jan on “TB Spine – therapeutic refractory disease”.
- Delivered a lecture in GOACON, Vapi 3rd – 5th Feb on “MDR in tuberculosis – Latest Scenario”.
- Delivered a lecture in (TNOA) conference, Christian Medical College, Vellore 9th – 11th Feb on “Tips on how get a paper rejected”.
- Delivered a lecture in UPORTHOCON, Kanpur 17th – 19th Feb on "MDR TB Spine - Recent advances".

- Delivered a lecture in NZIOACON, Patiala 25th – 26th Feb on “Difficulties in Orthopaedic Research in India: My evolution with the IJO”.
- Delivered a lecture in OSSAPCON, Rajahmundry, A.P. 09th – 11th Mar on “Knee stiffness & How to get a paper published in an Indexed Journal”.

2011

- a. Delivered plenary lecture in 56th Annual Conference of IOA on **“Tuberculosis of spine – challenges and controversies”**.
- b. Delivered 3 lectures in IOACON 6th - 11th 2011.
 - Tuberculosis of spine in children.
 - Therapeutically refractory TB spine.
 - Lacunae in research in India.
- c. Delivered a lecture on **“Innovations in India – are we missing opportunity in bone and joint conclave”** at Hyatt Regency. 7th Dec 2011, New Delhi.
- d. Lectures delivered as faculty in ASSICON 26th-28th Jan 2011, Mumbai –
 - MR diagnosis of TB lesion.
 - Chaired symposium on Tb spine.
- e. Lectures delivered as faculty in Bombay Orthopaedics Society – Research method workshop.
 - Why research
 - Lacunae in research in India
- f. DOACON – 6th Nov 2011
 - Tuberculosis of spine: algorithm based treatment
- g. Central Zone IOACON at Varanasi
 - TB spine with paraplegia – what is new
- h. Sri Sathya Sai International Orthopaedic Conference. 22nd-24th July 2011.
 - Non-union intertrochanteric fracture
 - Neglected traumatic dislocation of hip in children
 - Knee stiffness
- i. Vidharbha Orthopaedic Association on 26th June 2011 at Nagpur
 - TB spine – new horizon
 - Reesrach in India - lacunae
- j. North Zone IOACON – Shimla – 2nd April 2011
 - Spinal deformity in Tb spine
 - Research principles
- k. Symposium Musculoskeletal infection – 6th March 2011, Delhi
 - TB spine in children
- l. As Indian Association of sport medicine – 20 Nov 2011
 - How to write research project
- m. MP IOACON – 16th Oct 2011

- Therapeutically refractory Tb spine
- Why publish
- n. Continuing Orthopaedic Education Course – 15th-17th Dec, Patna
 - Classification of tibial plateau fractures
 - Giant cell tumor around knee
- o. PG course at Indore – 24th-25th Dec 2011
 - Approach to a case of hip pain in adult
 - Approach to a case of back pain

Sr. no.	Year	No. of lecture	Venue of lecture
1	2010	16	University Edinburgh (2), COE (3), MP Chapt. (2), ISCOS (1), IOACON (5), Workshop on Research Publication (3)
2	2009	20	DOACON (2), UP IOACON (2), MP IOACON (2), COE (3), IOACON (5), Midterm DOA (1), BOACON (2), Spine Symposium Raipur (3)

1. Kyphosis in spinal tuberculosis in Continuing Orthopaedic education course Nasik 17-20 sept 2009.
2. Surgical decompression in spine TB in Continuing Orthopaedic education course Nasik 17-20 sept 2009.
3. Cubitus Varus in Continuing Orthopaedic education course Nasik 17-20 sept 2009.
4. **Jain AK.** PG lecture on infected non-union; National PG course IOACON 2-7Dec 2008 Bangalore.
5. **Jain AK.** “On line handling of the manuscript for IJO” in research method workshop IOACON 27Dec, Bangalore 2008.
6. **Jain AK.** “Review and revision for IJO” in research method workshop IOACON 2-7Dec, Bangalore 2008.
7. **Jain AK.** “Publication ethics in scientific communication” in research method workshop IOACON 2-7Dec, Bangalore 2008.
8. **Jain AK.** “Reliable search of medical literature” in symposium on “How to write and publish” during IOACON 2008 at Bangalore 2-7 Dec 2008.
9. **Jain AK.** “Publication ethics” in symposium on “How to write and publish” during IOACON 2008 at Bangalore 2-7 Dec 2008.

10. **Jain AK.** “TB-imaging and lab diagnosis” in symposium on current concept on tuberculosis of bone and joint. IOACON 2008, 2-7 Dec Bangalore.
11. **Jain AK.** Delivered lecture on current state of knowledge on proximal humeral fracture during IOA ICL Lady Harding Medical College 6th April 2008.
12. **Jain AK.** Guest lecture – Instrumented stabilization in TB spine. 6th Dec 2007 Kolkata.
13. **Jain AK.** Atypical Spinal Tuberculosis. Continuing Orthopaedic Education course. 20 – 23 Sept 2007, Kolkata.
14. **Jain AK.** How to conduct a clinical research and prepare it for publication continuing orthopaedic education course 20-23 Sept 2007 Kolkata.
15. **Jain AK.** Distal radius fracture; percutaneous pinning. Continuing orthopaedic education course 20-23 Sept 2007 Kolkata.
16. **Jain AK.** Deformity correction in spinal TB. MIDCON 2007 N Delhi.
17. **Jain AK.** Current trend in the management of spinal TB. Annual conference of chattishgarh orthopaedic association Feb 2007.
18. **Jain AK.** How to present a paper. Award winning paper in SICOT symposium on research methodology IOACON 2006, New Delhi.
19. **Jain AK.** Deformity correction in spinal tuberculosis. CME lecture in IOACON 2006, New Delhi.
20. **Jain AK.** TB Spine: A review in ASSI session IOACON 2006.
21. **Jain AK.** Grading of paraplegia in TB spine. IOACON 2006, N Delhi.
22. **Jain AK.** Instrumented stabilization in TB spine IOACON 2005 Mnmbai
23. **Jain AK.** CME lecture on Surgical management of TB spine with paraplegia in IOACON 2004 16-19 Dec Agra
24. **Jain AK.** Guest lecture “Diagnostic dilemma in TB spine” in IOACON 2004 16-19 Dec Agra
25. **Jain AK.** Guest lecture “Fundamental of research and organisation of the basic research in Orthopaedics” in IOACON 2004 16-19 Dec Agra

26. **Jain AK.** Kyphus correction in spinal tuberculosis in IOACON 2004 16-19 Dec Agra.
27. **Jain AK.** Recent trends in the management of Osteoarticular sepsis. National PG course 27 Nov 2004.Burdhwan Kolkatta.
28. **Jain AK.** lectures on examination of spine and neurological case, . National PG course 27 Nov 2004.Burdhwan Kolkatta.
29. **Jain AK.** . lectures on examination of spine and neurological case, .UP PG course 6 Nov 2004.Lucknow.
30. **Jain AK.** Pott's paraplegia, UP PG course 6 Nov 2004.Lucknow.
31. **Jain AK.** Lecture on Painful stiff elbow central zone conference 30 octo. 2004. Allahabad
32. **Jain AK.** Recent trends in the management of Osteoarticular sepsis. National PG course 23 octo 2004.Delhi
33. **Jain AK.** Femoral neck anteversion- Indian perspective. MP chapter IOA 9 octo 2004 Ujjain
34. **Jain AK.** Painful stiff elbow. Continuing Orthopaedic education course 17-20 sept. 2004. Jaipur
35. **Jain AK.** Cubitus varus/valgus. Continuing Orthopaedic education course 17-20 sept. 2004 N.Delhi
36. **Jain AK.** Annual symposium of DOA 2004: Kyphus correction in spinal TB 2 nd Aug 2004.
37. **Jain AK.** Instructional course lecture of IOA on consensus and controversies in spinal tuberculosis; Mar 2004, Rohtak.
38. **Jain AK.** Lecture on examination of neurologic case . National PG Course Feb 2004 , Indore
39. **Jain AK.** lectures on Spinal tuberculosis with neurological complication, National PG Course Feb 2004, Indore
40. **Jain AK.** Evaluation of painful hip in children in National PG Course , Feb 2004, Indore
41. **Jain AK.**Dr. conducted CME on Painful stiff elbow in IOACON 2003 17-20 Dec Chennai

42. **Jain AK.** Giant cell tumor around knee-surgical perspective IOACON 2003; 17-20 Dec 2003 Chennai.
43. **Jain AK.** Clinicoradiological, bacteriological, serological immunological and diagnosis by molecular methods in osteoarticular tuberculosis. IOACON 2003; 17-20 Dec 2003.
44. **Jain AK.** Dr. Anil Gupta Memorial Lecture. of UP Chapter IOACON on Atypical Spinal Tuberculosis Kanpur 7-8 feb 2004.
45. **Jain AK.** Annual DOACON 2003: Kyphus correction in spinal TB 10-11 Jan 2004.
46. **Jain AK.** Annual DOACON 2003: Anterolateral decompression in spinal TB. 10-11 Jan 2004.
47. **Jain AK.** Tuberculosis of the spine with neurological complication Continuing Orthopaedic education course 18-21 sept. 2003 N.Delhi
48. **Jain AK.** Anterolateral decompression in spinal Tuberculosis. Continuing Orthopaedic education course 18-21 sept. 2003. N.Delhi
49. **Jain AK.** Moderated case presentation session in Annual conference of DOACON 4-5 Jan 2003.
50. **Jain AK.** "Repair and Regeneration in infected non-union of long bones" in CME on Repair and Regeneration of bone in Annual conference of DOACON 4-5 Jan 2003.
51. **Jain AK.** Implant failure with intramedullary fracture fixation. Implant session Annual IOACON Patna Nov 2002.
52. **Jain AK** Spinal tuberculosis. Post graduate lecture course .Dec New Delhi .2002
53. **Jain AK.** Spinal tuberculosis. National Post graduate lecture course .22 feb- 24 feb Indore.2002
54. **Jain AK.** Spinal tuberculosis. National Post graduate lecture course .28 feb- 1 mar Varanasi 2002
55. **Jain AK.** Tuberculosis of bone and joint .National Post graduate lecture course 46th IOACON 17-23 dec 2001 Ahmedabad
56. **A K Jain** Intraspinal tuberculous granuloma Annual conference of association of spinal surgeons of INDIA 20-21 Jan 2001

57. **Jain AK.** Infected Non-union 44th IOACON Annual conference of Indian Orthopedic Association Jaipur 2-5 nov 2000
58. Delivered guest lecture on Challenges and controversies in spinal tuberculosis Annual conference of central zone IOA 14-15 Jan2000 Bhopal
59. Delivered Guest lecture on Role of plain x-ray in Orthopaedics practice in new millennium 53rd Annual conference of Indian association of Radiologist Bhopal 6 jan 2000
60. **Jain AK** Delivered CME lecture on Management of fracture of upper end of femur in elderly 43rd Annual conference of IOA Hyderabad Dec 1999.
61. **Jain AK, Agarwal P** Behaviour of kyphosis in tuberculosis of spine by different modalities of treatment 43rd Annual conference of IOA Hyderabad Dec 1999.
62. **Jain AK.** Evaluation of Calcaneo-bimalleol angle in congenital talipes equinovarus. 43rd Annual conference of Indian Orthopedic Association Jabalpur 17-20Dec 1998.
63. Delivered guest lecture on Implant failure-our experience in Implant section meeting 43rd IOACON Jabalpur 17-20 Dec 1998.
64. Delivered guest lecture on Common surgical operations on adult foot in Foot society meeting 43rd IOACON Jabalpur 17-20 Dec 1998.
65. **Jain AK.** "Frozen shoulder-Recent trends. 4th Instructional course lecture of Indian Orthopaedic Association. 17-18 April Nagpur 1998.
66. **Jain AK.** Atlanto-axial tuberculosis - a review of 20 cases. 42nd Annual Conference of Indian Orthopaedic Association, Kochi, 27-30th Nov., 1997.
67. Dhammi IK, **Jain AK** - Non-union following failed implant surgery - 42nd Annual Conference of IOA, Kochi, 27-30th, 1997.
68. **Jain AK.** Atlanto axial tuberculosis. Apollo-spine Congress "9 Feb 97" N.Delhi.
69. **Jain AK.** Atypical presentation of spinal tuberculosis. 40th Annual Conference of Indian Orthopaedic Association 23-26 Nov. 1995. Pune.
70. **Jain AK, Sudhir Kumar, S.M. Tuli.** Fate of intervertebral disc space in paradiscal tuberculous Lesion and its clinical significance was presented as poster. 40th Annual Conference of IOA 23-26 Nov. 1995, Pune.
71. **Jain AK, Sudhir Kumar, S.M. Tuli.** Intraspinous Tubercular Granuloma presenting as Spinal

Tumor Syndrome was presented as a poster at 40th Annual Conference of IOA held at Pune 23-26 Nov. 1995.

72. Rajesh Sethi, **Jain AK**. Correlation of Canal Occupancy with neurological deficit in tuberculosis of spine, presented as poster to 40th Annual Conference of IOA held at Pune 23-26 Nov., 1995.
73. Delivered Silver Jubilee Commemoration Lecture of Indian Orthopaedic Association on Pathophysiology of Tuberculous Paraplegia a understood by Magnetic Resonance Imaging and its Applications in the therapeutics at XXXIX Annual Conference on IOA, Bangalore 25-27 Nov., 1994.
74. **Jain A K**. MR. Imaging in Spinal Tuberculosis with neurological deficit at XXXVIII Annual Conference of IOA Bhopal 25-28 November, 1993.
75. **Jain A K**, A. Jena, S. Kumar, P. Gulati and S.M. Tuli. Tuberculous Para/Quadriplegia-correlation of clinical course with MRI observation. XXXVII Annual Conference of Indian Orthopaedic Association at Lucknow 1992.
76. **Jain AK**, A. Jena, S. Kumar, R.P. Tripathi & S.M. Tuli. Correlation of clinical course and MRI observation in Tuberculous paraplegia at XXXVI Annual Conference of Indian Orthopaedic Association at Madras 1991.
77. **Jain AK**, A. Jena, S. Kumar, R.P. Gulati and S.M. Tuli. Magnetic resonance imaging in compression myelopathy in Annual Conference of Indian Orthopaedic Association at Vishakhapatnam, Dec. 1990.
78. **Jain A K**, Sudhir Kumar and Rakesh Gupta. Myofascial pain syndrome in 5th Annual Conference cum workshop on pain held at AIIMS Delhi, Feb 1989.
79. **Jain AK**. Sport injuries and children - An analysis XIV Annual Conference of sports Medicine held in N. Delhi, Feb. 1987.
80. **Jain A K**, Anil K. Gupta, A.K. Singh, Krishan Mohan and A. Sural. French osteotomy of the humerus for correction of Cubitus Varus in XXXI Annual Conference of I.O.A. at Cuttack Oct. 1986.
81. **Jain A K**, O.P. Sharma and N. Shrivastava. Rigid Internal fixation of fracture olecranon process by Tension Band-wiring in XXIX Annual Conference I.O.A. held at Kanpur in Oct. 1984.
82. **Jain A K**, O.P. Sharma and N. Shrivastava. Paper on ""Treatment of Malleolar Fractures by Tension Band-wiring was read on my behalf by Dr. Kaushik in XXIX Annual Conference I.O.A. in Oct. 1984.

83. Arora Anil, **Jain A.K.**, Kumar Sudhir, Sharma Dinesh, Sethi Anil & Tuli Surendra Mohan. Reincorporation of long diaphyseal sequestrum in chronic hematogenous osteomyelitis in XXXVII Annual Conference I.O.A. held at Lucknow, Nov., 1992.
84. S. Kumar, A. Sethi, **Jain AK**. Management of neglected posterior dislocation hip by open reduction at XXXVI Annual Conference of I.O.A. at Madras 1991.
85. Sudhir Kumar, S. Goswami, **Jain AK**. Management of intertrochanteric Fracture by External Fixation in elderly patient at the Annual Conference of Indian Orthopaedic Association at Vishakhapatnam, Dec. 1990.
86. Anil Sethi, Sudhir Kumar, **Jain AK**. Acromio-clavicular Dislocation at Annual Conference of Indian Orthopaedic Association at Vishakhapatnam, Dec. 1990.
87. K. Mohan, G.A. Raj, **Jain AK**, A.K. Gupta, A.K. Singh. Management of giant cell tumor - A review of fifty six cases - in XXXI Annual Conference of I.O.A. at Cuttack Oct. 1986.
88. Shiv, **Jain AK**, K. Taneja, S.K. Bharagava. Arthrosonography in Hip Joint Effusions in National Conference of Radiology Dec.1988.
89. **Jain AK**, Gopal Kumar, A.K. Khare, A. Sural. Luque's Segmental spinal instrumentation in traumatic Paraplegia in XXXII Annual Conference of Indian Orthopaedic Association held in New Delhi Oct. 1987.
90. Sudhir Seth, P. Bajpai, **Jain AK**, A.K. Khare, A. Sural. Recurrent Dislocation/Subluxation of Patella in association with Athletic injuries in XIV Annual Conference of Sports Medicine in December, 1986.
91. P. Bajpai, **Jain AK**, V. Badhwar, A.K. Khare, A. Sural. Role of Arthroscopy in the Management of Sport injuries of the Knee in XIV Annual Conference of Sports Medicine in New Delhi, Dec. 1986.

Notable contribution in teaching and research (in 200 words)

Teaching

Being a student of Orthopaedics I have contributed in propagation of knowledge to UG and post graduate student in my institution and outside (in various PG courses). I have participated in curriculum development of Delhi University and BP Koirala institute of Health Sciences Dharan Nepal. I have been a faculty member in almost all PG courses in the country. Delivered guest lectures in various workshops, regional conferences and IMA clinical meetings and Orthopaedics clubs in the

Jain AK

country. I have been an examiner for thesis/dissertation for MS Orthopaedics to National academy of Medical Sciences, AIIMS and almost 20 Universities, for PhD and D.Sc on BHU and Nagpur University. I have acted as examiner for D.Orth and MS in almost 20 universities and expert for selection of Faculty members. I have supervised 15 students as supervisor for MS Orthopaedics.

Research- I have conducted clinical research and have published (few under consideration) 99 articles and contributed in the Text books. The main thrust was on understanding of Pathophysiology of Osteo-articular infection in general and compressive myelopathy in particular and to evolve clinico radiological imaging signs to apply the knowledge in detection of tuberculous lesion in pre-destructive stage to effect a cure with out loss of bone height. . The kyphosis in spinal tuberculosis is evaluated and principles of kyphus correction is evolved. The evaluation systems of paraplegia in TB of spine have been evaluated and an objective system has been suggested. The rate of osteogenesis in Indian population has been studied as a part of long term studies on metabolic diseases of bones. The objective parameters for evaluation of CTEV have been developed. The normal anthropometric data for Indian hip is calculated where the values of femoral and acetabular anteversion for Indian hip are defined.

I have contributed as Guest Editor for Clinical Orthopaedics and Related Research in bring out 2 symposium 1. Treatment of Neglected trauma 2. Tuberculosis of the spine”. I am the current Editor of Indial Journal of Orthopaedics . During my editorship we have been able to achieve our long cherished dream of it getting Indexed with **PUBMED and SCIENCE CITATION EXPANDED.**

Thesis Supervised of Postgraduate students of Delhi University.

Title	Year
Neo-osteogenesis in Humans using Tetracycline levels in Vivo	April 1995
Evaluation of foot tracings and Calcaneal bimalleolar angle in the management of congenital Talipes Equino varus.	April 1996
Estimation of neo-osteogenesis in humans using Tetracycline double label in age group of 30-50 years.	April 1997
Behaviour of kyphosis in tuberculosis of spine with different modalities of treatments.	April 1998

Jain AK

Estimation of rate of osteogenesis in cases of Intertrochanteric fracture and its correlation with Osteoporosis	April 1999
Estimation of angle of Anteversion in Indian population.	April 2001
Comparative evaluation of Anterior and ALD in spinal tuberculosis with bacteriological, histological, immunological and radiological correlates	April 2003
Evaluation of fracture pattern and management of thoracolumbar spine fractures.	April 2005
Clinicoradiological evaluation of Total Hip Replacement	April 2006
Single stage (single incision) posterior decompression and anterior stabilization of unstable dorsolumbar burst fracture	April 2007
Role of TENS nailing in paediatric femoral diaphyseal fracture	April 2008
MR evaluation of tubercular spine	April 2009
Efficacy of DOTS regimen in spinal tuberculosis	April 2010
Evaluation of classification system of open fracture	April 2010
Diffusion tensor imaging evaluation of a spinal tubercular lesion	April 2011