

Personal Details :

Date of Birth : 14.04.1957

Citizenship Indian

Contact Details

Residential Address:

A-10 Part B, Ashok Nagar
Ghaziabad (U.P.) 201001
Contact No. 91-120-
(2792778),
9811604663(M)

Education :

1980 **M.B.B.S.**
Gandhi Medical College, Bhopal, India

1984 **M.S.(Orthopaedics)**
Gandhi Medical College, Bhopal, India

2000 **M.A.M.S.**
National Academy of Medical Sciences, New Delhi, India

2011 **FRCS**
Royal College of Surgeons of England, UK

2012 **FAMS**
National Academy of Medical Sciences, New Delhi, India

AWARDS/ ORATIONS

- Dr PK Duraiswami Eponymous lecture of IOA on “Confirmation of diagnosis in Spinal TB – Current concept” at Kolkata 21 Dec 2019.
- Oration – IROA annual conference at Jammu on “**Recent update on Skeletal Tuberculosis**” 20 sept 2019
- Sir Ganga ram oration- **Spinal TB:Impact of Clinical Research on treatment guidelines** 9 August 2019, Hotel JP Siddhartha
- Bombay spine course– oration on “Evolution of diagnosis and management of TB spine. 10 July 2019.
- Delivered a **Plenary Lecture** on “Osteoarticular Tuberculosis: Impact of Clinical Research on Treatment Guidelines” at 20th Biennial Congress of the Asia Pacific Orthopaedic Association, in Antalya, Turkey on 13th April 2018.
- Delivered **Prof P K Sethi oration** titled “ impact of clinical research on treatment guidelines in TB of spine” ROSACON-2018, Pushkar Rajasthan 3rd Feb 2018
- **Best Oral Presentation award** in 38th Sicut World Congress at Capetown , South Africa 30 Nov-1st Dec 2017. The title of the talk was “Role of Cartridge based nucleic acid amplification test, Line Probe Assay and Liquid Culture in Osteo-articular Tuberculosis.”
- Delivered **Late Col Sangham Singh Memorial oration** National Academy of Medical Sciences, Amritsar on 30th october 2017
- **Late TP Shrivastava Varanasi oration** UPORTHOCON 2017 Gorakhpur 25 March 2017
- **Kini Memorial (Past President Oration)** of IOA during 60th IOACON, Jaipur 12 Dec 2015
- Invited lecture in Indian summer session at British orthopaedic association, Liverpool sept. 2015
- Invited lecture as president IOA in Indian orthopaedic society, UK at London July 2014
- **Ghaziabad Oration Central Zone** IOA 2014
- President lecture IOACON Hyderabad 2014
- **Past president oration** of Delhi orthopaedic Association Jan 2009
- **DR B Mukhopadhyay oration** of Bihar Orthopaedic Association Mar 2009
- **Prof. O P Sharma oration** of MP chapter IOA Oct 2009
- **Dr PK Duraiswami oration** of North Zone Indian orthopaedic association 2006
- **Anil Gupta memorial lecture** of UP Chapter IOACON 2004
- **Silver Jubilee lecture Award** of Indian Orthopaedic Association, 1994.
- **Best Publication Paper award** of Association of spine surgeons on India for the year 2005
- Best publication award of Delhi Orthopaedic Association 2007.
- **Best Oral Presentation award** of XXIII Sicut/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 Sicut/Sicot 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
- Best Paper Award on Spinal Tumor Syndrome - Our Experiences at XIV Annual Conference of North Zone of IOA at Chandigarh 25-27th March, 1994.
- National Scholarship in class XI, XII and MBBS

FELLOWSHIPS :

- Commonwealth fellowship for training in spine surgery in **Royal Hospital for Sick Children Edinburgh, UK** 2010 (10 Jan to 09 July)
- 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 Travelling 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.

EDITORIAL EXPERIENCE :

- **Chief Editor of Indian Spine Journal** from 2017-Till date
- **Editor-in-Chief**, Annals of the National Academy of Medical Sciences (ANAMS)
- **Editor of Indian Journal of Orthopaedics** from 2007 – 2012
- **Associate Editor**, European Journal of Orthopaedics and traumatology 2015
- **Deputy Editor**, Journal of Bone & Joint Surgery (Am.) 2016 to 2018
- **Editor and principle author – Tuberculosis of Bone, Joint and spine.** CBS Publishers, New Delhi. 2017, ISBN:978-93-86310-85-9
- **Chief Editor** :Edited Multi authored Text Book “Turek’s Orthopaedics Principles and Their Applications” 7th Edition. WoltersKluwerIndia. ISBN: 13(2 vol.)978-93-5129-510-5

- Text book: Edited multi authored book “**Neglected Musculoskeletal Injuries**” Jaypee Brothers Medical Publisher Pvt.Ltd. ISBN: 978-81-8448-8899- 0
- Associate Editor, “**ASSI Text book of Spinal Trauma and Infection**”. Jaypee Brothers Medical Publisher Pvt. Ltd. ISBN:978-93-5025-075-4
- **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 INDEX EXPANDED” in year 2009.**
- **Indian Spine Journal got indexed with ‘Directory of Open Access Journals (DOAJ) in May 2021 and with SCOPUS in July 2021.**

ORGANIZATION OF CONFERENCES

- Convener “Golden Jubilee Congress of the Asia Pacific Orthopaedic Association (APOA)” October 3-6 , 2012
- 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.

POSITIONS IN ACADEMIC BODIES

- **President, Indian Orthopaedic Association 2014**
- **Editor, Indian Journal of Orthopaedics – 2007-2012**
- **Chief Editor, Indian spine Journal – 2017-Till date**
- **Editor In Chief , Annals of National Academy of Medical Sciences 2022-2024**
- **President Elect, World Orthopaedic Concern 2014**
- **Secretary, General - World Orthopedic Concern 2008-11**
- **President, Delhi Orthopedic Association, 2006-2007**
- **Chairman Superspeciality training committee of IOA 2002-05**

- **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 Orthopedic Association 1987-88.

EMPLOYMENT DETAILS:

**07.01.2019- 30.04
2022**

Principal, University College of Medical Sciences, Delhi, India

July 2014-06.1.2019

Director Professor & Head of Deptt of Orthopaedics
University College of Medical Sciences & GTB Hospital, Delhi, India

Job Nature:Clinical , Teaching, Research and Administration

15Nov97-contd.

Professor Orthopaedics Re-designated Director Professor and Head of Unit in the department of Orthopaedics
University College of Medical Sciences & GTB Hospital, Delhi, India

Job Nature:Clinical , Teaching, Research and administration

Head of the Department since July 2014

23May92-14Nov97

Reader in Orthopaedics and Head of unit
University College of Medical Sciences & GTB Hospital, Delhi

Job Nature:Clinical , Teaching, Research

23May90-22May92

Senior Lecturer Orthopaedics
University College of Medical Sciences & GTB Hospital, Delhi

Job Nature:Clinical , Teaching, Research

20May88-22May90

Lecturer Orthopaedics
University College of Medical Sciences & GTB Hospital, Delhi, India

Job Nature:Clinical , Teaching, Research

08May85-07May88

Senior Resident
Central Institute of Ortho., Safdarjang Hospital, Delhi, India

Job Nature:Clinical& Teaching

28Dec84-06May85

Senior Resident
Sir Ganga Ram Hospital, Delhi, India

Job Nature:Clinical

10Jul82-09Jul84

Resident Surgeon Orthopaedics
Hamidia Hospital, Bhopal, India

Job Nature:Clinical& Teaching

Developed Bone and Joint Tuberculosis guidelines as Team Lead for Ministry of Health and family welfare

PARTICIPATION AS FACULTY MEMBER FOR PG COURSES

1999, 2014	- Hyderabad
2001	- Ahmedabad
2002, 2003, 2004, 2005, 2007, 2014,2017	- Indore
2002, 2004, 2010	- Uttar Pradesh
2002, 2004, 2007, 2009, 2010	- New Delhi
2003, 2004, 2007	- Kolkata
2006, 2009	- Bardwan
2006, 2008, 2014,2015	- Bhopal
2008	- Bangalore
2017	- KEM Mumbai
2018	(IOACON) Coimbatore

PUBLICATIONS (Indexed). Total citations-4329, H index 33, I-10 index 80

- **Total Publications: 143**; Total Citations: 4329; H index—33, I-10 ---80
 - Articles on TB Spine: 50, unique distinctions of publishing highest number of articles in world and 10 articles listed in 250 most cited articles.
 - Articles on Research Method & Education issues: 11
 - **Listed among top 2% scientists from India (independent study by Stanford University Scientist) Google Scholar shorturl @/qHIJ4.**
 - **Publications in last five years i.e. 2017-2022 - 18**
1. Kumar S, Shah B, Johri A, Anjum R, Garg D, Salhotra R, Tyagi A, Khan AM, **Jain AK**. Covid-19 Pandemic: Resumption of Orthopaedic Care and Medical Education. Indian J Orthop 2021;55:506-15. Doi.org/10.1007/e43465-021-00379-5
 2. Abhimanyu S, **Jain AK**, Myneedu VP, Arora VK, Chadha M, Sarin R. The role of cartridge-based nucleic acid amplification test (CBNAAT), line probe assay (LPA), Liquid culture, acid-fast bacilli (AFB) smear and histopathology in the diagnosis of osteoarticular tuberculosis. Indian J Orthop 2021 55 (Suppl 1) S157-S166.
 3. Jain A, Kumar S, Arora VK, Saha R, Aggarwal AN, Jain AK. Study of Cell Viability and Etiology of Contamination in Decalcified Bone Allograft: A Pilot Study. Indian J Orthop 2021 Jun 9;56(1):16-21 doi: 10.1007/s43465-021-00410-9. eCollection 2022 Jan
 4. **Jain AK**, Rajasekaran S, Jaggi KR, Myneedu VP. Tuberculosis of the Spine. J Bone Joint Surg Am. 2020 Apr 1;102(7):617-628. doi: 10.2106/JBJS.19.00001.
 5. Kumar S, Dhammi IK, **Jain AK**, Shahi P. Osteochondroma of the talus: three varying cases. BMJ Case Rep. 2020 Dec 22;13(12):e237670. doi: 10.1136/bcr-2020-237670
 6. Bansal K, Shahi P, Jain AK, Dhammi IK, Kumar S. Extended Curettage and Fibular Grafting in Enchondroma of the Acromion. Cureus. 2020 Apr 11;12(4):e7630. doi: 10.7759/cureus.7630

7. Pandey R, Bhayana H, Dhammi IK, **Jain AK**. Hypoglossal Nerve Palsy as a Rare Complication of C1-C2 Pott's Spine. *Indian J Orthop*. 2019;53(1):204-207.
8. Mittal S, **Jain AK**, Chakraborti KL, Aggarwal AN, Upreti L, Bhayana H. Evaluation of Healed Status in Tuberculosis of Spine by Fluorodeoxyglucose-positron Emission Tomography/Computed Tomography and Contrast Magnetic Resonance Imaging. *Indian J Orthop*. 2019;53(1):160-168.
9. **Jain AK**, Dhammi IK. Indian Journal of Orthopaedics: An Audit of 12 Years. *Indian J Orthop*. 2019;53(1):1-4.
10. Mukhopadhyay J, **Jain AK**. AO Principles of Fracture Management. *Indian J Orthop*. 2019;53(1):217-8.
11. Lakshminarayana S, Dhammi IK, Jain AK, Bhayana H, Kumar S, Anshuman R. Outcomes of Core Decompression with or without Nonvascularized Fibular Grafting in Avascular Necrosis of Femoral Head: Short Term Followup study. *Indian J Orthop*. 2019;53(3):420-425.
12. Mohta M, Rani A, Sethi AK, **Jain AK**. Efficacy of local wound infiltration analgesia with ropivacaine and dexmedetomidine in tubercular spine surgery – A pilot randomized double-blind controlled trial. *Indian J Anaesth* 2019;63:182-7.
13. Arora C, **Jain AK**, Dhammi IK. Outcome of Percutaneous Fixation of Calcaneal Fractures: A Prospective Analysis in an Indian Population. *J Foot Ankle Surg*. 2019 Jan 23. pii: S1067-2516(18)30447-2
14. **Jain AK**, Jaggi KR, Bhayana H, Saha R. Drug-resistant Spinal Tuberculosis. *Indian J Orthop*. 2018 Mar-Apr;52(2):100-107. Review. **Impact Factor; 0.98 ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**
15. Rath S, Yadav L, Tewari A, Chantler T, Woodward M, Kotwal P, **Jain Anil** Management of older adults with hip fractures in India: a mixed methods study of current practice barriers and facilitators, with recommendations to improve care pathways. *Arch. Osteoporos*. 2017 12:55. DOI 10.1007/s11657-017-0344-1
16. Tandon A, Dewan S, Bhatt S, **Jain AK**, Kumari R. Sonography in diagnosis of adhesive capsulitis of the shoulder: a case-control study. *J Ultrasound*. 2017 Aug 21;20(3):227-236.
17. Rajgopalan M, Srivastava A, Dhammi IK, **Jain AK**. Tuberculosis - 'The great masquerader' presenting as a dumb-bell-shaped intradural extramedullary tumor in a 20-year-old female. *J Clin Orthop Trauma*. 2017 Apr-Jun;8(2):168-170. **ISSN: 09765662, UGC: listed, Elsevier.**
18. **Jain AK**. Author's reply. *Indian J Orthop*. 2017 May-Jun;51(3):350-351. **Impact Factor; 0.98. ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**
19. **Jain AK**. Current state of orthopaedic education in India. *Indian J Orthop*. 2016;50(4) 341-4. - **Impact Factor; 0.98, Citation 3. ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**
20. Ul Haq R, Kumar J, Dhammi I, Jain AK. Posterior dislocation of hip with ipsilateral intertrochanteric fracture: A report of two cases. *Indian J Orthop*. 2016;50(5):571-576. - **Impact Factor; 0.98. ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**
21. Srivastava A, **Jain AK**, Dhammi IK, Haq RU. Posttraumatic progressive cubitus varus deformity managed by lateral column shortening: A novel surgical technique. *Chin J Traumatol*. 2016 Aug 1;19(4):229-30. **ISSN: 10081275, UGC: listed, ZhonghuaChangshangZazhiBianjibu.**
22. Jain N, Saini NS, Kumar S, Rajagopalan M, Chakraborti KL, **Jain AK**. Correlation of diffusion tensor imaging parameters with neural status in Pott's spine. *SICOT J*. 2016 Apr 29;2:21. - **Impact Factor; 2.110.**
23. **Jain AK**. Tuberculosis of spine : Research evidence to treatment guidelines. *Indian J Orthop*. 2016;50(1): 3-9. - **Impact Factor; 0.98, Citation -5. ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**

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24. Abbas S, **Jain AK**, Saini NS, Kumar S, Mukunth R, Kumar J, Kumar P, Kaur P. Diffusion tensor imaging observation in Pott's spine with or without neurological deficit. *Indian J Orthop.*2015 ; 49(3):289-99. - **Impact Factor**; 0.98, **Citation -3**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 25. **Jain AK**. Apley and Solomon's concise system of orthopedics and trauma. *Indian J Orthop.* 2015;49(2):264. - **Impact Factor**; 0.98. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 26. Haq RU, Manhas V, Pankaj A, Srivastava A, Dhammi IK, **Jain AK**. Authors response: the lateral femoral wall. *InternationalOrthopaedics.* 2015 Jan 27. - **Impact Factor**; 2.337, ISSN: 03412695, **UGC: listed, Springer**
 27. **Jain AK**, Mukunth R, Srivastava A. Treatment of neglected femoral neck fracture. *Indian J Orthop.* 2015 Jan-Feb;49(1):17-27 - **Impact Factor**; 0.98 , **Citation -8**.ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 28. **Jain AK**.Author'sreply:"Cultivate... research an attitude and learning a passion". *Indian J Orthop.* 2014 Nov;48(6):632-3. - **Impact Factor**: 0.98 **Citation -2**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 29. **Jain AK**. Minimum (optimum) standard of orthopedic care for all: An achievable target. *Indian J Orthop.* 2014 Nov;48(6):541-4. - **Impact Factor**: 0.98, **Citation 2**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 30. **Jain AK**, Sreenivasan R, Mukunth R, Dhammi IK. Tubercular spondylitis in children.*Indian J Orthop.* 2014 Mar;48(2):136-144. - **Impact Factor**: 0.98**Citation -22**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 31. **Jain AK**. Cultivate... research an attitude and learning a passion.*Indian J Orthop.* 2014 Mar;48(2):125-6. - **Impact Factor**: 0.98 ,**Citation-6**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 32. Haq RU, Manhas V, Pankaj A, Srivastava A, Dhammi IK, **Jain AK**. Proximal femoral nails compared with reverse distal femoral locking plates in intertrochanteric fractures with a compromised lateral wall; a randomised controlled trial.*International orthopaedics.* 2014; 38 (7), 1443-1449 - **Impact Factor**: 2.337 **Citation -27**, , ISSN: 03412695, **UGC: listed, Springer**
 33. Kumar J, Dhammi IK, **Jain AK**. Neglected surgically intervened bilateral congenital dislocation of knee in an adolescent.*Indian J Orthop.* 2014 Jan;48(1):96-9. - **Impact Factor**: 0.98, **Citation 3**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 34. Dougherty PJ, Sethi A, **Jain AK**. Orthopaedic Surgery Education in India.*ClinOrthopRelat Res.* 2013 Feb; 472(2):410-4. - **Impact Factor**: 4.091, **Citation -1**, ISSN: 0009921, **UGC: listed , Springer.**
 35. Jain S, **Jain AK**, Kumar I. Outcome of open reduction and internal fixation of intraarticular calcaneal fracture fixed with locking calcaneal plate.*Chin J Traumatol.* 2013 Dec 1;16(6):355-60. - - **Impact Factor**: 0.98, **citation 20**. ISSN: 10081275, **UGC: listed, ZhonghuaChangshangZazhiBianjibu.**
 36. **Jain AK**, Kumar S. Bone and Joint day - India.*Indian J Orthop.* 2013 Sep;47(5):435-6. - - **Impact Factor**: 0.98 ,**citation3**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 37. Haq RU, Dhammi IK, **Jain AK**, Mishra P, Kalivanan K. Infantile scurvy masquerading as bone tumour.*AnnAcad Med Singapore.* 2013 Jul;42(7):363-5. - **Impact Factor**: 0.819, **Citation - 3**
 38. Haq RU, Modi P, Dhammi I, **Jain AK**, Mishra P. Conjoint bicondylar Hoffa fracture in an adult.*Indian J Orthop.* 2013 May;47(3):302-6. - **Impact Factor**: 0.98**Citation -10**, ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**
 39. **Jain AK**, Kumar S. Indian Journal of Orthopaedics: Journey continues.*Indian J Orthop.* 2013 Jan;47(1):1-5 - **Impact Factor**: 0.98,**Citation 1**. ISSN: 00195413, **UGC: listed , Medknow publication & Media Pvt. Ltd.**

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40. **Jain AK.** Innovations in Orthopaedics: Hypothesis to publication. *Indian J Orthop.* 2012 Nov;46(6):605-7. - **Impact Factor: 0.98, Citation 4. ISSN: 00195413, UGC: listed , Medknow publication & Media Pvt. Ltd.**
 41. **Jain AK, Shrivastava A, Saini NS, Sreenivasan R, Kumar S.** Efficacy of extended DOTS category I chemotherapy in spinal tuberculosis based on MRI-based healed status. *Indian J Orthop.* 2012 Nov ;46(6):633-639. - **Impact Factor: 0.98, Citation -12. ISSN: 00195413, UGC: listed , Medknow publication & Media Pvt. Ltd.**
 42. **Jain AK, Kumar J.** Tuberculosis of spine: neurological deficit. *Eur Spine J.* 2013 Jun;22Suppl 4:624-33. - **Impact Factor: 2.634, citation -54. ISSN: 09406719, UGC: listed, Springer.**
 43. **Modi P, Dhammi IK, Rustagi A, Jain AK.** Elbow dislocation with ipsilateraldiaphyseal fractures of radius and ulna in an adult-is it type 1 or type 2 Monteggia equivalent lesion? *Chin J Traumatol.* 2012 Oct 1;15(5):303-5. - **Impact Factor: 2.4 ,Citation -1. ISSN: 10081275, UGC: listed, ZhonghuaChangshangZazhiBianjibu.**
 44. **Singh AP, Dhammi IK, Jain AK, Singh MP.** Neglected floating fifth metacarpal: a case report. *ActaOrthopTraumatolTurc.* 2012;46(2):136-8. **Impact Factor; 0.637, ISSN: 1017995, UGC: listed, Turkish Assoc Orthopaedics Traumatology**
 45. **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. - **Impact Factor: 0.98, Citation 11. ISSN: 00195413, UGC: listed , Medknow publication & Media Pvt. Ltd.**
 46. **Jain AK, Rajasekaran S.** Tuberculosis of the spine. *Indian J Orthop.* 2012 Mar;46(2):127-9. - - **Impact Factor: 0.98 , Citation -10. ISSN: 00195413, UGC: listed , Medknow publication & Media Pvt. Ltd.**
 47. **Kamara E, Mehta S, Brust JCM, Jain AK.** Effect of delayed diagnosis on severity of Pott's disease. International Orthopaedics. *International Orthop.* 2012 Feb;36(2):245-54 - **Impact Factor: 2.337 , Citation - 16, ISSN: 03412695, UGC: listed, Springer**
 48. **Jain AK, Jain S.** Instrumented stabilization in spinal tuberculosis. *International Orthop.* 2012 Feb; 36(2):285-92.-**Impact Factor: 2.337, Citation -66, ISSN: 03412695, UGC: listed, Springer**
 49. **Jain AK, Sreenivasan R, Saini NS, Kumar S, Jain S, Dhammi IK.** Magnetic Resonance evaluation of tubercular lesion in spine. *International Orthop.* 2012 Feb; 36(2):261-9. - **Impact Factor: 2.337, Citation -48, ISSN: 03412695, UGC: listed, Springer**
 50. **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. *JPediatricOrthop B.* 2012 Jan;21(1):68-72. - **Impact Factor: 1.853, Citation - 3, ISSN: 1060152, UGC: listed , Lippincott Williams & Wilkins.**
 51. **Jain AK.** Indian Journal of Orthopaedics dedicated to education, care and research. *Indian J Orthop.* 2012 Jan; 46(1):1-3. - **Impact Factor: 0.98, Citation -3. ISSN: 00195413, UGC: listed , Medknow publication & Media Pvt. Ltd.**
 52. **Haq RU, Jain AK.** A new classification scheme for open fractures. *J Orthop Trauma.* 2011 Jun;25(6):e59; author reply e59-60. **Impact Factor; 2.38, Citation 1**
 53. **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. - **Impact Factor: 0.98, Citation -14. ISSN: 00195413, UGC: listed , Medknow publication & Media Pvt. Ltd.**
 54. **Tuli SM, Kapoor V, Jain AK, Jain S.** Spinoplasty following lumbar laminectomy for multilevel lumbar spinal stenosis to prevent iatrogenic instability. *Indian J Orthop.* 2011 Sep; 45(5):396-403. - **Impact Factor: 0.98, Citation 19. ISSN: 00195413, UGC: listed , Medknow publication & Media Pvt. Ltd.**

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55. 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. - **Impact Factor: 2.4, Citation -3. ISSN: 10081275, UGC: listed, ZhonghuaChangshangZazhiBianjibu.**
 56. Tsirikos AI, **Jain AK**, Scheuermann's kyphosis; current controversies. *J Bone Joint Surg Br*. 2011 93-B: 857-864. - **Impact Factor: 3.309, citation -56, ISSN: 20494394, UGC: listed, British Editorial Society of Bone and Joint Surgery**
 57. **Jain AK**. Impact factor: Measure of quality of research publication. *Indian J Orthop*. 2011 Jul; 45(4):289-90. - **Impact Factor: 0.98, Citation 6 ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**
 58. 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. **Impact Factor: 2.4, Citation 13. ISSN: 10081275, UGC: listed, ZhonghuaChangshangZazhiBianjibu.**
 59. 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. **Impact Factor: 2.4, Citation-2. ISSN: 10081275, UGC: listed, ZhonghuaChangshangZazhiBianjibu.**
 60. 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. **Impact Factor: 0.637, Citation 4, ISSN: 1017995, UGC: listed, Turkish Assoc Orthopaedics Traumatology**
 61. **Jain AK**. The rational treatment of fractures: Use the evidence with caution. *Indian J Orthop*. 2011 Mar; 45(2):101-2. - **Impact Factor: 0.98, Citation 5. ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**
 62. **Jain AK**. Indian Journal of Orthopaedics: Exploring a new horizon. *Indian J Orthop*. 2011 Jan; 45 (1):1-2. - **Impact Factor: 0.98, citation - 4. ISSN: 00195413, UGC: listed, Medknow publication & Media Pvt. Ltd.**
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30. Jain AK, Khare AK, Kumar G, Singh AK and Sural A. Osteotomy of ramus of mandible in temporomandibular ankylosis. *The Delhi Orthopaedic Journal* 1987; .3(1): 30-34.
31. Gupta AK, Jain AK. Multiple tubercular dectylitis - Case report - *The Clinician*. 1987, 738-740.
32. 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.
33. 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.
34. 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.
35. Jain AK, Gupta AK, Singh AK, Mohan K and Sural A. Our experiences with French osteotomy in CubitusVarus - *The Delhi Orthopaedic Journal* 1986; 2(2): 38-43.
36. 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.

BOOKS - As Editor and Author

1. **Editor-in-Chief – Recent Advances in Orthopaedics.** Evangel Publishing, New Delhi. 2021; ISBN: 978-81-944667-7-2
2. **Editor and Principle Author – Tuberculosis of Bone, Joint and Spine –Evidence based management Guide.** CBS Publishers and distributors Pvt Ltd, New Delhi. 2017; ISBN: 978-93-86310-85-9
3. **Editor – Turek’s Orthopaedics - Principles and its application,** 7th Edition, 2016. Publisher – Wolters Kluwer .(India) pvt. Ltd. ISBN: 978-93-5129-510-5
4. **Editor – Neglected Musculoskeletal injuries,** Publisher – Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi 2011. ISBN: 978-81-8448-889-0
5. **Associate Editor – ASSI Text Book of Spinal trauma and infection,** Publisher - Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi. 2011. ISBN: 978-93-5025-075-4

BOOKS - Chapters in Books

1. **Jain AK**, Kumar S. “Diagnosis and Management of Tuberculosis of Spine” **Recent Advances in Orthopaedics**. Evangel Publishing, New Delhi.
2. Kumar S, Shah B, Saxena AK, **Jain AK**.. “Covid 19 and Orthopaedic Surgery” **Recent Advances in Orthopaedics**. Evangel Publishing, New Delhi.
3. **Jain AK** ,Mittal S. “ **Late onset paraplegia**” The ASSI Monograph on Tuberculosis of spine.Thieme Medical and Scientific Publisher Private Ltd. India
4. **Jain AK**,Sreenivasan R. “**Is anterior surgery still the Gold standard for the treatment of TB spine**”. Current progress in orthopaedics. Editor – Johari A, Luk KD, Waddell JP. Publisher – Medical Subscription Services Pvt. Ltd., Mumbai.
5. **Jain AK**. “**Tuberculosis of spine with neurological deficit**” in ASSI Text book of spinal trauma and infection”. Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi
6. **Contributed** 6chapter in a text book on “**Neglected musculoskeletal injuries**” Published by Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi
7. **Jain AK**.“**Cubitusvarus**” in a book on “issues and solutions in common fractures” released by Orthopaedic research and education foundation 2008.
8. **Jain AK**. “**Knee contracture**” in a book on “issues and solutions in common fractures” released by Orthopaedic research and education foundation 2008.
9. **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.
10. **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.
11. 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.
12. **Jain AK**.“**Painful stiff elbow**” in a book released by Orthopaedic research and education foundation 2004
13. **Jain AK**.“Cubitusvarus/ valgus” in a book released by Orthopaedic research and education foundation 2004
14. **Jain AK**. “**Tuberculosis of the spine with neurological deficit**” in “spine” book released by Orthopaedic research and education foundation 2003
15. **Jain AK**.“**Anterolateral decompression in spinal tuberculosis**”. in “spine” book released by Orthopaedic research and education foundation 2003
16. 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.
17. **Jain A.K**. “**Atypical spinal tuberculosis**” in *Text book of Orthopaedics and Traumatology*- an official publication of Indian Orthopaedic Association. Editor G.S. Kulkarni, Vol 3 page450. Publisher - Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi
18. 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, Vol 3 page 3777, Publisher - Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi
19. 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.
20. **Jain AK**.“**Tuberculosis of spine with neurological deficit**” in *Textbook of Orthopaedics and Traumatology* - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Vol.3, page 370. Publisher - Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi
21. **Jain AK**, Sudhir Kumar. “**Infantile coxavara**”. Clinical Orthopaedics- India. Editor Dr.

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22. **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. Vol4 page 3765. Publisher - Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi
 23. **Jain AK** , Kumar S, Singh H . “**Myofascial Pain Syndromes**”. Monogram :Current Trend in Pain Research and Therapy Vol. V , Sensitivity and Management of Pain Syndromes. Editor K.N. Sharma, UshaNayar&Neena Bhattacharya, Published by: Indian Society for Pain, Research and Therapy. Page 205 -208, 1989.
 24. Mohan K, Gupta AK, **Jain AK**, Sharma J. “*Management of frozen shoulder*”. Current Trend in Pain Research & Therapy - Stimulus Produced Analgesia. Published by Indian Society for Pain, Research and Therapy. Page 171-174), 1986

PAPER PRESENTED- INTERNATIONAL

1. **Jain AK** . “Osteoarticular Tuberculosis: Impact of Clinical Research on Treatment Guidelines” at 20th Biennial Congress of the Asia Pacific Orthopaedic Association, in Antalya, Turkey on 13th April 2018
2. **Jain AK**, Abhimanyu S , Myneedu VP, Chakraborti KL. “Role of Cartridge based nucleic acid amplification test, Line Probe Assay and Liquid Culture in Osteo-articular Tuberculosis.” **Best paper session** 38th SICOT Orthopaedic World Congress. Cape Town, South Africa. 16.00 – 17.30 hrs , 01.12.17
Awarded as the Best research paper of the 38th Sicot world congress
3. **Jain AK**. “Research and references” in a symposium on “**Medical Writing**” . 38th SICOT Orthopaedic World Congress, Cape Town, South Africa. 01.12.17
4. **Jain AK**. “**TB of the Spine in India**” in a symposium on Infections in Spine - Spine. 38th SICOT Orthopaedic World Congress in Cape Town, South Africa. 10.30 AM .01.12.17
5. **Jain AK**. Jain Ankur, Dhammi IK, BhayanaHiamshu “TB spine in Children-Retrospective analysis of 36 cases” Short Free Paper presentation. 38th SICOT Orthopaedic World Congress Cape Town, South Africa.
6. **Jain AK**, Sreenivasan R. “ First Ever Bone and Joint Tuberculosis Treatment Guidelines “ Free Paper presentation. 38th SICOT Orthopaedic World Congress Cape Town, South Africa. 01.12.17
7. **Jain AK**, Abhimanyu S , Myneedu VP, Chakraborti KL. Role of Cartridge based nucleic acid amplification test, Line Probe Assay and Liquid Culture in Osteoarticular Tuberculosis. Free Paper presentation. 38th SICOT Orthopaedic World Congress Cape Town, South Africa. 30.11.17
8. **Jain AK**. TB Spine: Conservative vs. Operative Treatment in World Orthopaedic Concern Symposium. 38th SICOT Orthopaedic World Congress Cape Town, South Africa. 30.11.17
9. Jain AK . “**Tuberculosis of spine- Research evidence to treatment guidelines**” . Indian Summer in Annual meeting of British Orthopaedic association . Liverpool , UK. 17 Sept 2015.
10. Jain AK. **Minimum (optimum) standard of Orthopaedic care – an achievable target.** Annual meeting of Indian Orthopaedic Surgeons (UK). July 2014.
11. 3 papers- Sicot internationals – Hyderabad , India 2013
12. 4 papers , 4 lectures –Sicot internationals – Dubai 2012
13. Jain AK. Delivered a lecture on “Quality of orthopaedic in developing countries – strategies to improve” by video conferencing at Karachi, 29th Jan 2012.
14. **Jain AK**. Trauma statistics in India. “Advance clinical evidence in trauma” trauma Course – 7th Dec 2011, Park Plaza, Noida.
15. **Jain AK**. Tuberculosis of spine in children in symposium on Tuberculosis spine: current evindance for treatment stregies. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.

16. **Jain AK.** Therapeutically refractory TB spine. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
17. **Jain AK.** Quality of orthopaedic care in developing countries – strategies to improve.
18. **Jain AK.** MR evaluation of tubercular spine. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
19. **Jain AK.** Kyphosis in spinal tuberculosis – prevention and correction. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
20. **Jain AK.** Neglected hoffa's fracture. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
21. **Jain AK.** Neglected traumatic dislocation of the subaxial cervical spine. SICOT XXV triennial world congress. 6-9 September. Prague, Czech Republic 2011.
22. **Jain AK.** Stimulation anterior decompression and posterior instrumentation by extrapleural retroperitoneal approach for thoracolumbar lesions – A series of 52 cases.
23. **Jain AK.** Stimulation anterior decompression and posterior instrumentation by extrapleural retroperitoneal approach for thoracolumbar lesions – A series of 52 cases.
24. **Jain AK.** Quality of orthopaedic care in developing countries – strategies to improve.
25. **Jain AK.** MDR and XDR TB. Annual Scientific Meeting of 49th ISCoS. 29 - 31 Oct Delhi 2010.
26. **Jain AK.** Septic arthritis of hip in children. Annual conference of Middle East orthopaedic association. 26 Jan Dubai 2009.
27. **Jain AK.** Clubfoot. Annual conference of Middle East orthopaedic association. 26 Jan Dubai 2009.
28. **Jain AK.** TB spine –Evidence for management principles.Scoliosis Research Society – Delhi 4th Oct 2008.
29. **Jain A.** MR Evaluation of TB spine lesion.Sirot-Sicot triennial world congress. 24 -28 August Hongkong 2008.
30. **Jain AK.** Instrumented stabilization in TB spine. Sirot-Sicot triennial world congress .24 -28 August Hongkong 2008.
31. **Jain AK.** Podogram and foot bimalleolar angle in the evaluation of club foot.Sirot-Sicot triennial world congress. 24 -28 August Hongkong 2008.
32. **Jain AK.** Kyphosis correction in spinal tuberculosis. Sirot-Sicot triennial world congress .24 -28 August Hongkong 2008.
33. **Jain AK.** Grading of neural deficit in paraplegia with TB spine.Sirot-Sicot triennial world congress .24 -28 August Hongkong 2008.
34. **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.
35. **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.
36. **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.
37. **Jain AK.** Kyphus correction in spinal tuberculosis Awarded Best poster Presentation award. . XXIII Sirot-Sicot world congress .2-9 sept Istanbul Turkey 2005.
38. **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.
39. **Jain AK, Maheshwari AN.** Acetabularanteversion, femoral neck shaft angle –normal value for indial population. XXIII Sirot-Sicot world congress. 2-9 sept Istanbul Turkey 2005.

40. **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.
41. **Jain AK.** Tuberculosis of the hip .WOC session in XXII Sirot-Sicot world congress .23-30 Aug San Diego USA 2002.
42. **Jain AK.** Behaviour of angle of kyphosis in tuberculosis of the spine. XXII Sicot-Sirot world congress .23-30 Aug San Diego USA 2002.
43. **Jain AK.**Anterolateral decompression in spinal tuberculosis. XXII Sirot-Sicot world congress .23-30 Aug San Diego USA 2002.
44. **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.
45. **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.
46. 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
47. **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.
48. **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.
49. **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.
50. **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.
51. **Jain AK.** IntraspinalTuberculous 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.
52. **Jain AK.** Tuberculosis of Cervical Spine (C1-T2) Sicot Asia - Australia - Bombay September 29 to October 1, 1994.
53. 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.
54. **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.
55. **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)**2019:**

- Dr PK Duraiswami Eponymous lecture of IOA on "Confirmation of diagnosis in Spinal TB – Current concept" at Kolkata 21 Dec 2019.
- Annual conference DOA "When to stop ATT" 09 Nov 2019.
- Oration – IROA annual conference at Jammu on "Recent update on Skeletal Tuberculosis" 20 sept 2019

- Sir Ganga ram oration- **Spinal TB:Impact of Clinical Research on treatment guidelines**, 9 August 2019, Hotel JP Siddhartha
- Bombay spine course– oration on “Evolution of diagnosis and management of TB spine. 10 July 2019.
- **Venue** :Hyatt Regency Ahmedabad. Delivered lecture on Evidence based medicine – Myth or Realty during ASSICON 2019 at Ahmedabad on 25.1.2019.

2018 :

- **Venue** :Codissia Trade Fair Complex, Coimbatore - Attended and delivered lectures on following topics during IOACON Annual Conference 2018 between 26-30.11.2018:
 - (i) PG Course Published or Perished (27.11.2018)
 - (ii) CME – Chemotherapy osteoarticular tuberculosis (28.11.18)
 - (iii) Expert comments on spinal tuberculosis (30.11.18)
- **Venue** :KGMC, Lucknow - Attended and delivered lecture in 4th UPOA Special Course Spine Conclave 2018 at KGMC, Lucknow on 25.8.2018.
- **Venue**:Hotel Radisson Blu, Amritsar. Delivered lecture during Annual Meeting of Instructional Course in Spine (ICS 2018) on 9.11.2018 at Amritsar, Punjab
- **Venue** –MGIMS,SewagramWardha “Medical publication, literature review and practice of Evidence Based Medicine.....vision 2050, 27-01-18 UPORTHOCON-2018 - 17.02.18
- Rosacon -2018 Pushkar (03-02-18) Dr P K Sethioration
- Planary Talk – 20th APOA annual congress , April 10-14 Antalya Turkey
- Instruction Course Spine Amritsar – “Videoconsenting-is this the way to go.” 09-08-18,
- GZB symposium- 07-10-18- video consent in medical practice
- LHMC- “Evidence Based Medicine – Myth or Reality” – in MEDTALK – 30-08-18
- 63rd IOACON 2018 Coimbatore 26 Nov. -Dec 1st. lecture on “Publish or Perish”
- 63rd IOACON 2018 Coimbatore 26 Nov. -Dec 1st. CME lecture on “Chemotherapy on Osteoarticular TB”
- 63rd IOACON 2018 Coimbatore 26 Nov. -Dec 1st. CME lecture on “Expert comments on Spinal TB” in a symposium on spinal TB.
- Army Base Hospital –“Evidence Based Medicine – Myth or Reality” – in MEDTALK – 12-11-18

2017:

- **Venue**- Nagpur (2), Kolkata (1), UpOrthocon (2), Indore PG course(1), Jabalpur(2), Agra Orthopedic Society (1) ,Sicot – India, Mumbai (1) ,DOACON(1) Amritsar NAMSCON (1).

2016:

- **Venue**-IOACON Kochi (4), MP Orthocon (2) ,

2015(15lectures): -BOA Liverpool (UK), IOACON, MPIOACON, UPIOACON,DOACON, CMC

2014 (40 lectures) : **Venue**-IOACON (10),IOS (UK) London, Doacon, UPOrthocon, MPIOACON, CZIOACON,OSSAC, east Zone IOACON, orrisorthocon , MOACON, PG Course Indore, KOACON,SAARC. COE

2013 : **Venue-Rosacon, DOACON, NZIOACON,**
(30 lectures) UPORTHOCON,MPIOACON,TNIOACON, Orrisa. Traumacon, COE

2012 Delivered lecture in:
(7 lectures)

1. ROSACON, Ajmer 7th – 8th Jan on “Treatment of multidrug resistant TB spine”.
2. CGIOACON, Bilaspur 21st – 2nd Jan on “TB Spine – therapeutic refractory disease”.
3. GOACON, Vapi 3rd – 5th Feb on “MDR in tuberculosis – Latest Scenario”.
4. TNOA conference, Christian Medical College, Vellore 9th – 11th Feb on “Tips on how get a paper rejected”.
5. UPORTHOCON, Kanpur 17th – 19th Feb on "MDR TB Spine - Recent advances".
6. NZIOACON, Patiala 25th – 26th Feb on “Difficulties in Orthopaedic Research in India: My evolution with the IJO”.
7. OSSAPCON, Rajahmundry, A.P. 09th – 11th Mar on “Knee stiffness & How to get a paper published in an Indexed Journal”.

2011
(15 lectures)

1. Delivered plenary lecture in 56th Annual Conference of IOA on “**Tuberculosis of spine – challenges and controversies**”.
2. Delivered 3 lectures in IOACON 6th - 11th 2011.
 - Tuberculosis of spine in children.
 - Therapeutically refractory TB spine.
 - Lacunae in research in India.
3. Delivered a lecture on “**Innovations in India – are we missing opportunity in bone and joint conclave**” at Hyatt Regency. 7th Dec 2011, New Delhi.
4. Lectures delivered as faculty in ASSICON 26th-28th Jan 2011, Mumbai –
 - MR diagnosis of TB lesion.
 - Chaired symposium on Tb spine.
5. Lectures delivered as faculty in Bombay Orthopaedics Society – Research method workshop.
 - Why research
 - Lacunae in research in India
6. DOACON – 6th Nov 2011
 - Tuberculosis of spine: algorithm based treatment
7. Central Zone IOACON at Varanasi
 - TB spine with paraplegia – what is new
8. Sri SathyaSai International Orthopaedic Conference. 22nd-24th July 2011.
 - Non-union intertrochanteric fracture
 - Neglected traumatic dislocation of hip in children
 - Knee stiffness
9. VidharbhaOrthopaedic Association on 26th June 2011 at Nagpur
 - TB spine – new horizon
 - Reesrach in India - lacunae
10. North Zone IOACON – Shimla – 2nd April 2011
 - Spinal deformity in Tb spine
 - Research principles
11. Symposium Musculoskeletal infection – 6th March 2011, Delhi
 - TB spine in children

12. As Indian Association of sport medicine – 20 Nov 2011
 - How to write research project
13. MP IOACON – 16th Oct 2011
 - Therapeutically refractory Tb spine
 - Why publish
14. Continuing Orthopaedic Education Course – 15th-17th Dec, Patna
 - Classification of tibial plateau fractures
 - Giant cell tumor around knee
15. PG course at Indore – 24th-25th Dec 2011
 - Approach to a case of hip pain in adults
 - Approach to a case of back pain

2010
(16 lectures)

University Edinburgh (2), COE (3), MP Chapt. (2), ISCOS (1), IOACON (5),
Workshop on Research Publication (3)

2009
(23 lectures)

DOACON (2), UP IOACON (2), MP IOACON (2), COE (3), IOACON (5),
Midterm DOA (1), BOACON (2), Spine Symposium Raipur (3), Nasik(3)

Lectures in Nasik:

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.

1984-2008
(88 lectures)

List is given below

1. **Jain AK.** PG lecture on infected non-union; National PG course IOACON 2-7Dec 2008 Bangalore.
2. **Jain AK.** “On line handling of the manuscript for IJO” in research method workshop IOACON 27Dec, Bangalore 2008.
3. **Jain AK.** “Review and revision for IJO” in research method workshop IOACON 2-7Dec, Bangalore 2008.
4. **Jain AK.** “Publication ethics in scientific communication” in research method workshop IOACON 2-7Dec, Bangalore 2008.
5. **Jain AK.** “Reliable search of medical literature” in symposium on “How to write and publish” during IOACON 2008 at Bangalore 2-7 Dec 2008.
6. **Jain AK.** “Publication ethics” in symposium on “How to write and publish” during IOACON 2008 at Bangalore 2-7 Dec 2008.
7. **Jain AK.** “TB-imaging and lab diagnosis” in symposium on current concept on tuberculosis of bone and joint. IOACON 2008, 2-7 Dec Bangalore.
8. **Jain AK.** Delivered lecture on current state of knowledge on proximal humeral fracture during IOA ICL Lady Harding Medical College 6th April 2008.
9. **Jain AK.** Guest lecture – Instrumented stabilization in TB spine. 6th Dec 2007 Kolkata.
10. **Jain AK.** Atypical Spinal Tuberculosis. Continuing Orthopaedic Education course. 20 – 23 Sept 2007, Kolkata.

11. **Jain AK.** How to conduct a clinical research and prepare it for publication continuing orthopaedic education course 20-23 Sep 2007 Kolkata.
12. **Jain AK.** Distal radius fracture; percutaneous pinning. Continuing orthopaedic education course 20-23 Sep 2007 Kolkata.
13. **Jain AK.** Deformity correction in spinal TB. MIDCON 2007 N Delhi.
14. **Jain AK.** Current trend in the management of spinal TB. Annual conference of chattishgarh orthopaedic association Feb 2007.
15. **Jain AK.** How to present a paper. Award winning paper in SICOT symposium on research methodology IOACON 2006, New Delhi.
16. **Jain AK.** Deformity correction in spinal tuberculosis. CME lecture in IOACON 2006, New Delhi.
17. **Jain AK.** TB Spine: A review in ASSI session IOACON 2006.
18. **Jain AK.** Grading of paraplegia in TB spine. IOACON 2006, N Delhi.
19. **Jain AK.** Instrumented stabilization in TB spine IOACON 2005 Mnmbai
20. **Jain AK.** CME lecture on Surgical management of TB spine with paraplegia in IOACON 2004 16-19 Dec Agra
21. **Jain AK.** Guest lecture "Diagnostic dilemma in TB spine" in IOACON 2004 16-19 Dec Agra
22. **Jain AK.** Guest lecture "Fundamental of research and organisation of the basic research in Orthopaedics" in IOACON 2004 16-19 Dec Agra
23. **Jain AK.** Kyphus correction in spinal tuberculosis in IOACON 2004 16-19 Dec Agra.
24. **Jain AK.** Recent trends in the management of Osteoarticular sepsis. National PG course 27 Nov 2004. Burdwan Kolkatta.
25. **Jain AK.** lectures on examination of spine and neurological case, . National PG course 27 Nov 2004. Burdwan Kolkatta.
26. **Jain AK.** .lectures on examination of spine and neurological case, .UP PG course 6 Nov 2004. Lucknow.
27. **Jain AK.** Pott's paraplegia, UP PG course 6 Nov 2004. Lucknow.
28. **Jain AK.** Lecture on Painful stiff elbow central zone conference 30 octo. 2004. Allahabad
29. **Jain AK.** Recent trends in the management of Osteoarticular sepsis. National PG course 23 octo 2004. Delhi
30. **Jain AK.** Femoral neck anteversion- Indian perspective. MP chapter IOA 9 oct 2004 Ujjain
31. **Jain AK.** Painful stiff elbow. Continuing Orthopaedic education course 17-20 Sep. 2004. Jaipur
32. **Jain AK.** Cubitusvarus/valgus. Continuing Orthopaedic education course 17-20 Sep. 2004 N. Delhi
33. **Jain AK.** Annual symposium of DOA 2004: Kyphus correction in spinal TB 2 nd Aug 2004.
34. **Jain AK.** Instructional course lecture of IOA on consensus and controversies in spinal tuberculosis; Mar 2004, Rohtak.
35. **Jain AK.** Lecture on examination of neurologic case . National PG Course Feb 2004 , Indore
36. **Jain AK.** lectures on Spinal tuberculosis with neurological complication, National PG Course Feb 2004, Indore
37. **Jain AK.** Evaluation of painful hip in children in National PG Course , Feb 2004, Indore
38. **Jain AK.** Dr. conducted CME on Painful stiff elbow in IOACON 2003 17-20 Dec Chennai
39. **Jain AK.** Giant cell tumor around knee-surgical perspective IOACON 2003; 17-20 Dec 2003 Chennai.
40. **Jain AK.** Clinicoradiological, bacteriological, serological immunological and diagnosis by molecular methods in osteoarticular tuberculosis. IOACON 2003; 17-20 Dec 2003.
41. **Jain AK.** Dr. Anil Gupta Memorial Lecture. of UP Chapter IOACON on Atypical Spinal

-
- Tuberculosis Kanpur 7-8 feb 2004.
42. **Jain AK.** Annual DOACON 2003: Kyphus correction in spinal TB 10-11 Jan 2004.
 43. **Jain AK.** Annual DOACON 2003: Anterolateral decompression in spinal TB. 10-11 Jan 2004.
 44. **Jain AK.** Tuberculosis of the spine with neurological complication Continuing Orthopaedic education course 18-21 Sep. 2003 N.Delhi
 45. **Jain AK.** Anterolateral decompression in spinal Tuberculosis. Continuing Orthopaedic education course 18-21 Sep. 2003. N.Delhi
 46. **Jain AK.** Moderated case presentation session in Annual conference of DOACON 4-5 Jan 2003.
 47. **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.
 48. **Jain AK.** Implant failure with intramedullary fracture fixation. Implant session Annual IOACON Patna Nov2002.
 49. **Jain AK** Spinal tuberculosis. Post graduate lecture course .Dec New Delhi .2002
 50. **Jain AK.** Spinal tuberculosis. National Post graduate lecture course .22 feb- 24 feb Indore.2002
 51. **Jain AK.** Spinal tuberculosis. National Post graduate lecture course .28 feb- 1mar Varanasi 2002
 52. **Jain AK.** Tuberculosis of bone and joint .National Post graduate lecture course 46th IOACON 17-23 dec 2001 Ahmedabad
 53. **A K Jain**Intraspinaltuberculous granuloma Annual conference of association of spinal surgeons of INDIA 20-21 Jan 2001
 54. **Jain AK.** Infected Non-union 44th IOACON Annual conference of Indian Orthopedic Association Jaipur 2-5 nov 2000
 55. Delivered guest lecture on Challenges and controversies in spinal tuberculosis Annual conference of central zone IOA 14-15 Jan2000 Bhopal
 56. 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
 57. **Jain AK** Delivered CME lecture on Management of fracture of upper end of femur in elderly 43rd Annual conference of IOA Hyderabad Dec 1999.
 58. **Jain AK,** Agarwal P Behaviour of kyphosis in tuberculosis of spine by different modalities of treatment 43rd Annual conference of IOA Hyderabad Dec 1999.
 59. **Jain AK.** Evaluation of Calcaneo-bimalleol angle in congenital talipesquinovarus. 43rd Annual conference of Indian Orthopedic Association Jabalpur 17-20Dec 1998.
 60. Delivered guest lecture on Implant failure-our experience in Implant section meeting 43rd IOACON Jabalpur 17-20 Dec 1998.
 61. Delivered guest lecture on Common surgical operations on adult foot in Foot society meeting 43rd IOACON Jabalpur 17-20 Dec 1998.
 62. **Jain AK.** "Frozen shoulder-Recent trends. 4th Instructional course lecture of Indian Orthopaedic Association. 17-18 April Nagpur 1998.
 63. **Jain AK.** Atlanto-axial tuberculosis - a review of 20 cases. 42nd Annual Conference of Indian Orthopaedic Association, Kochi, 27-30th Nov., 1997.
 64. Dhammi IK, **Jain AK** - Non-union following failed implant surgery - 42nd Annual Conference of IOA, Kochi, 27-30th, 1997.
 65. **Jain AK.** Atlanto axial tuberculosis. Apollo-spine Congress "9 Feb 97" N.Delhi.
 66. **Jain AK.** Atypical presentation of spinal tuberculosis. 40th Annual Conference of Indian Orthopaedic Association 23-26 Nov. 1995. Pune.
 67. **Jain AK,** Sudhir Kumar, S.M. Tuli. Fate of intervertebral disc space in paradiscaltuberculous Lesion and its clinical significance was presented as poster. 40th Annual Conference of IOA 23-26 Nov. 1995, Pune.

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68. **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.
 69. 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.
 70. Delivered Silver Jubilee Commemoration Lecture of Indian Orthopaedic Association on Pathophysiology of Tuberculous Paraplegia as understood by Magnetic Resonance Imaging and its Applications in the therapeutics at XXXIX Annual Conference on IOA, Bangalore 25-27 Nov., 1994.
 71. **Jain A K**. MR. Imaging in Spinal Tuberculosis with neurological deficit at XXXVIII Annual Conference of IOA Bhopal 25-28 November, 1993.
 72. **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.
 73. **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.
 74. **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.
 75. **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.
 76. **Jain AK**. Sport injuries and children - An analysis XIV Annual Conference of sports Medicine held in N. Delhi, Feb. 1987.
 77. **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.
 78. **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.
 79. **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. Arora Anil,
 80. **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.
 81. 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.
 82. 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.
 83. Anil Sethi, Sudhir Kumar, **Jain AK**. Acromio-clavicular Dislocation at Annual Conference of Indian Orthopaedic Association at Vishakhapatnam, Dec. 1990.
 84. 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.
 85. Shiv, **Jain AK**, K. Taneja, S.K. Bharagava. Arthrosonography in Hip Joint Effusions in National Conference of Radiology Dec. 1988.
 86. **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.

87. 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.
88. 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)

a) 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).

- Curriculum development of Delhi University and BP Koirala institute of Health Sciences Dharan Nepal.
- 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 country.
- Examiner for thesis/dissertation for MS Orthopaedics, National Board of Examinations, AIIMS and almost 20 Universities and for PhD and D.Sc for BHU and Nagpur University.
- Examiner for D.Orth and MS in almost 20 universities
- Expert for selection of Faculty members for various state Medical Colleges, AIIMS Bhopal, PGI Chandigarh.
- Supervised over 45 students for MS Orthopaedicsthesis.
- Chief Editor 7th edition of **Turek's Orthopaedics - Principles and its application**, Publisher – Wolters Kluwer,
- **Editor – Neglected Musculoskeletal injuries**, Publisher – Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi.
- **Associate Editor – ASSI Text Book of Spinal trauma and infection**, Publisher - Jaypee Brothers Medical Publisher Pvt. Ltd., New Delhi.
- **Editor and lead Author – Tuberculosis of Bone , Joint and Spine –Evidence based management Guide**. CBS Publishers and distributors Pvt Ltd, New Delhi.
- Team lead for framing Bone and Joint TB guidelines (INDEX TB Guidelines) for Govt. of India and Central TB Division (2015).

b) Research

- Conducted clinical research and have published over 168 articles (136 indexed, 32 Indian journals) and contributed in the Text books.
- The osteoarticular TB in general and Spinal TB in particular was the main focus as had over 40 publication in spinal TB.
- 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.
- Defined the indications of instrumentation and kyphotic deformity correction.
- The end point of treatment of tuberculosis was evaluated to define criteria to define healed status and optimum duration of ATT.
- The role of molecular methods in diagnosis and treatment of osteoarticular TB is just completed
- 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.
- **Guest Editor** for Clinical Orthopaedics and Related Research in bring out 2 symposium 1. Treatment of Neglected trauma 2. Tuberculosis of the spine”.
- **Editor of India Journal of Orthopaedics from 2007-2012**. During my editorship we have been able to

achieve our long cherished dream of it getting Indexed with **PUBMED and SCIENCE CITATION INDEX EXPANDED.**

- **Deputy Editor of “Journal Bone Joint Surgery(Am)” 2016-18, impact factor 5.175**
- Launched “**Indian Spine Journal**” as Chief Editor. *Indian Spine Journal got indexed with ‘Directory of Open Access Journals (DOAJ) in May 2021 and with SCOPUS in July 2021.*
- Developed Bone Bank and Bone Research Laboratory at University College of Medical sciences and GTB Hospital , Delhi.

FUTURE PROJECTS

- To publish the new book on “ ClinicalOrthopaedicExaminaion and Diagnosis”
- Releasing shortly current concepts in Orthopaedics 2020

Thesis Supervised of Postgraduate students of Delhi University, India

- April 1995: Neo-osteogenesis in Humans using Tetracycline levels in Vivo
- April 1996: Evaluation of foot tracings and Calcenealbimalleolar angle in the management of congenital TalipesEquinovarus.
- April 1997: Estimation of neo-osteogenesis in humans using Tetracycline double label in age group of 30-50 years.
- April 1998: Behaviour of kyphosis in tuberculosis of spine with different modalities of treatments.
- April 1999: Estimation of rate of osteogenesis in cases of Intertrochanteric fracture and its correlation with Osteoporosis
- April 2001: Estimation of angle of Anteversion in Indian population.
- April 2003: Comparative evaluation of Anterior and ALD in spinal tuberculosis with bacteriological, histological, immunological and radiological correlates
- April 2005: Evaluation of fracture pattern and management of thoracolumbar spine fractures.
- April 2006: Clinikoradiological evaluation of Total Hip Replacement
- April 2007: Single stage (single incision) posterior decompression and anterior stabilization of unstable dorsolumbar burst fracture
- April 2008: Role of TENS nailing in paediatric femoral diphyseal fracture
- April 2009: MR evaluation of tubercular spine
- April 2010: Efficacy of DOTS regimen in spinal tuberculosis
- April 2010: Evaluation of classification system of open fracture
- April 2011: Diffusion tensor imaging evaluation of a spinal tubercular lesion
- April 2012: Diffusion tensor imaging evaluation of a tuberculous paraplegia
- April 2013: Retrospective evaluation indication of surgery and outcome in tuberculosis of spine
- April 2013: Outcome of percutaneous fixation of calceneal fracture: A perspective analysis
- April 2014: Head preservation surgery in AVN of hip
- April 2014: Evaluation of therapeutically refractory disease of TB spine
- April 2015: Evaluation of Healing in TB spine by contrast MRI and PET Scan.
- April 2016: CB-NATT and Line Probe assay in the diagnosis of TB spine.
- April 2016: Burden and profile of trauma related patients admitted in Orthopaedic department of UCMS and GTBH.
- April 2017 : Analysis of donors for bone bank in tertiary care hospital.
- April 2018 : Analysis of treatment outcome in tuberculosis of spine.
- April 2018 : Study of cell viability and etiology of contamination in decalcified bone allograft- a pilot study.
- April 2018 : Determination of Drug Resistance Pattern in Spinal Tuberculosis patients
- April 2019 :Clinico-radiological outcome of proximal fibular osteotomy in early medial compartment primary osteoarthritis knee

- April 2019 :Patient reported outcome measures following open reduction and internal fixation of schatzker type 5 and type 6 tibial plateau fractures
- April 2019 : Comparison Of Blood Organochlorine Pesticides Levels Among Bone Sarcoma Patients With Normal Controls
- April 2019 : Correlation of plasma levels of IFN gamma, TNF alpha and IL-6 with severity of disease and treatment effect in spinal tuberculosis
- April 2019 : Assessment Of Intraobserver Variation In Singh Index For Osteoporosis On Digital Radiography
- April 2020 : Drug Resistance Profile in Osteoarticular Tuberculosis
- April 2020 : Retrospective Analysis Of Treatment Outcome In Drug Resistant Osteoarticular Tuberculosis
- April 2020 : Burden and profile of orthopaedic diseases post resumption of non covid services in a tertiary care hospital and its comparison with historical data
- April 2020 : Assessment Of Posterior Ligamentous Complex Injury By Ct And Mri Scan In Ao Type-A Fractures Of The Thoracolumbar Spine On Radiographs
- April 2020 : Comparative study of prevalence of Lumbosacral Transitional Vertebra in patients with chronic low back pain and controls
- April 2020 : Assessment Of Inter And Intra Observer Variation Of Leonetti & Tigani CT Based Classification Of Tibial Pilon Fracture