

Curriculum Vitae of Dr. Kumar Keshav

A. BRIEF RESUME

Dr. Kumar Keshav

Associate Professor (Orthopaedics, Apex Trauma Centre,
Sanjay Gandhi Post-Graduate Institute of
Medical Sciences, Lucknow)

MBBS (Gold Medalist),

M.S. Orthopaedics (Gold Medalist)

DNB (Ortho), MNAMS

MRCS (England), Dip. SICOT (Belgium)

AO Trauma Fellow (Sunnybrook Hospital, Toronto, Canada)

ISKSAA-BOSTAA Fellow (University College London, U.K.)

IOA Travelling Fellow

UPOA Ghaziabad National Fellow



Dr. Kumar Keshav is presently working as an Associate Professor in Orthopaedics at Apex Trauma Centre, SGPGIMS, Lucknow. He passed MBBS and M.S. (Orthopaedics) from G.S.V.M. Medical College, Kanpur, being Gold Medalist in both. He subsequently passed D.N.B. (Orthopaedic Surgery) and Diploma SICOT (Société Internationale de Chirurgie Orthopédique et de Traumatologie/ The International Society of Orthopaedic Surgery and Traumatology) examinations. Dr Keshav was the second rank holder of U.P. Post-Graduate Medical Entrance Examination held in 2011. He was awarded “Certificate of honour” in Physiology and “Paper” in Community Medicine during MBBS. He has special interest in research and academics with several publications to his credit.

He did fellowship in **Orthopaedic trauma (AO Trauma Fellowship)** from Sunnybrook Hospital, Toronto which is one of the most renowned orthopaedic centres in the world. In the field of **Joint replacement (Arthroplasty)**, he has done fellowships from Delhi Institute of Trauma and Orthopaedics. He has received training in **Arthroscopy and sports medicine** from Safdarjung Hospital, Delhi; Ganga Hospital, Coimbatore (UPOA Ghaziabad National Fellowship); and University College London hospitals, U.K. (ISKSAA-BOSTAA fellowship). He did a fellowship in **hip joint preservation** in Northumbria healthcare NHS Trust, Newcastle, U.K. under Prof. (Dr.) Ajay Malviya. He was awarded the **Indian Orthopaedic Association Travelling fellowship** (erstwhile J & J Fellowship) in 2021, which is awarded only to four orthopaedic surgeons across India every year. He was conferred the prestigious “**Membership of Royal College of Surgeons of England**” in London.

Dr. Keshav’s expertise in **Hip and Knee surgery** mirrors his trainings in India and abroad. He performs all the surgical interventions pertaining to hip and knee which includes management of trauma (fractures), arthroplasty (joint replacement), joint preservation, and arthroscopic procedures.

B. QUALIFICATIONS AND EXPERIENCE

- M.B.B.S. (Gold Medalist) (G.S.V.M. Medical College, Kanpur)
- M.S. ORTHOPAEDICS (Gold Medalist) (G.S.V.M. Medical College, Kanpur)
- DNB (Orthopaedic surgery), MNAMS
- MRCS (England)
- Dip SICOT (Belgium)

EXPERIENCE

	Curriculum/ Post	College/Organization	Duration (Approx.)
1.	M.B.B.S.	G.S.V.M. Medical College, Kanpur	2004 - 2009
2.	Internship	G.S.V.M. Medical College, Kanpur	2009 - 2010
3.	M.S. (Orthopaedics)	G.S.V.M. Medical College, Kanpur	2011 - 2014
4.	Senior Resident (Orthopaedics)	G.S.V.M. Medical College, Kanpur	2014 - 2015
5.	Senior Resident (Orthopaedics) (As MD-PhD Candidate)	King Georges' Medical University, Lucknow	2015 - 2016
6.	Assistant Professor (Orthopaedics)	Teerthanker Mahaveer Medical College, Moradabad	2016 - 2017
7.	Orthopaedic Consultant	Pt. Kamlapati Combined District Hospital, Chandauli	2018
8.	Assistant Professor (Orthopaedics)	Apex Trauma Centre, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow	2018 - 2022
9.	Associate Professor (Orthopaedics)	Apex Trauma Centre, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow	2022- Till date

FELLOWSHIPS

1.	AO Trauma Fellowship-2022	Sunnybrook Health Sciences Centre, Toronto, Canada	May - June 2023
2.	IOA Travelling Fellowship-2021	Multiple major Orthopaedic Centres of India in Kolkata, Chennai, and New Delhi	Dec 2021-Jan 2022
3.	ISKSAA-BOSTAA U.K. Travelling Fellowship-2022	University College London Hospitals, London, U.K.	Nov 2023
4.	Arthroplasty Fellowship	Delhi Institute of Trauma and Orthopaedics (Sant Parmanand Hospital, Delhi) under Dr. Shekhar Agrawal	Feb - March 2018
5.	Arthroscopy Observership	Sports Injury Centre, Safdarjung Hospital, New Delhi	June 2019
6.	UPOA Ghaziabad National Fellowship (in Arthroscopy and Sports Medicine)-2022	Ganga Hospital, Coimbatore under Dr. S R Sundararajan	Jan 2023
7.	Hip Preservation Surgery Fellowship	Northumbria Healthcare NHS Foundation Trust under Prof. (Dr.) Ajay Malviya	May-June 2024

C. AWARDS AND HONOURS

- **Gold Medal** in Community Medicine in Final Prof (Part I) M.B.B.S. for highest marks in the university.
- **Gold Medal** for getting highest marks in M.S.(Orthopaedics) from the batch.
- **2nd rank (overall)** in U.P. State Post Graduate Medical Entrance Examination (UPPGMEE) held in 2011.
- **Certificate of honour** in Physiology in First Prof of M.B.B.S. for getting 73.5% marks in the subject.
- **Paper** in Community Medicine for getting 73% marks in Final Prof (Part I) MBBS.
- **Assistant Editor** of Journal of Bone and Joint Diseases (Official Journal of U.P. Orthopaedic Association).
- **Second prize** in podium-poster presentation in ASAMICON-2020.
- **Won a quiz** in SICOT Speciality Orthopaedic Review Course- A SICOT India Program-2019, Mumbai.
- **Reviewer** of international journals like Injury, Indian Journal of Orthopaedics, Journal of Clinical Orthopaedics and Trauma and state journals like Journal of Bone and Joint Diseases.
- **Several awards** in Sport activities- Major ones are:
 - Captain of the Cricket team that won the Annual College Cricket tournament in 2006, 2007 and 2008
 - Best Bowler in Annual College Cricket tournament in 2008
 - Member of the team that won Annual College Football Tournament in 2007
 - Member of the Volleyball runner-up team in Annual College Tournament in 2008
 - Bronze medal in Relay Race (4x100 mt) in Annual College Athletic Meet in 2006

D. PUBLICATIONS

A. Systematic review/Meta-analysis

- **Keshav K, Baghel A, Kumar V, Neradi D, Kaustubh K, Mishra P.** Is Minimally Invasive Plating Osteosynthesis Better Than Conventional Open Plating for Humeral Shaft Fractures? A Systematic Review and Meta-Analysis of Comparative Studies. Indian Journal of Orthopaedics 2021;55(Suppl 2):283-303. <https://doi.org/10.1007/s43465-021-00413-6>

B. Original Articles

- **Keshav K, Kumar A, Sharma P, Baghel A, Mishra P, Huda N.** How Much has COVID-19 Pandemic Affected Indian Orthopaedic Practice? Results of an Online Survey. Indian Journal of Orthopaedics 2020;54(Suppl 2):358-67. <https://doi.org/10.1007/s43465-020-00218-z>
- **Gupta AK, Keshav K, Kumar P.** Decalcified allograft in repair of lytic lesions of bone: A study to evolve bone bank in developing countries. Indian Journal of Orthopaedics 2016;50:427-33. <https://doi.org/10.4103/0019-5413.185609>

D. PUBLICATIONS (Contd.)

B. Original Articles (Contd.)

- Gupta AK, Kumar P, **Keshav K**, Singh A. Hydroxyapatite crystals as a bone graft substitute in benign lytic lesions of bone. *Indian Journal of Orthopaedics* 2015;49:649-55. <https://doi.org/10.4103/0019-5413.168767>
- Baghel A, **Keshav K**, Kumar A, Sharma P. Clinicoradiological Outcome of Concomitant Fractures of Proximal Femur and Femoral Shaft Treated With Second-Generation Cephalomedullary Nailing. *Cureus*. 2021 Jun 1;13(6):e15381. doi: 10.7759/cureus.15381. PMID: 34249534; PMCID: PMC8249989. <https://doi.org/10.7759/cureus.15381>
- Sharma P, Baghel A, **Keshav K**, et al. Functional Outcomes of Anterior Cruciate Ligament Reconstruction Using Titanium Adjustable Loop Button and Poly-L-co-DL-Lactic Acid-Beta Tricalcium Phosphate (PLDLA-bTCP) Interference Screws: A Single-Center, Retrospective, Observational Study. *Cureus* 15(2): e34542. <https://doi.org/10.7759/cureus.34542>
- Baghel A, Verma MK, Sharma P, **Keshav K**, Kumar A, Raghav S. Functional Outcomes and Quality of Life After Sacrum Fractures Managed by Either Operative or Conservative Approaches: A Case Series With One-Year Follow-Up. *Cureus* 2024. doi:10.7759/cureus.59375.
- Ahmed A, Jilani LZ, Asif N, Khan AQ, Kumar V, **Keshav K**. Unilateral total hip arthroplasty in bilateral ankylosed hips: A case-series of eight patients of ankylosing spondylitis. *Journal of Arthroscopy and Joint Surgery*, 2021;8(4), 372-378. <https://doi.org/10.1016/j.jajs.2021.02.003> (As corresponding Author)
- **Keshav K**, Sharma P, Kumar A, Baghel A, Kaustubh K, Huda N, et al. Changing practices of delivering orthopedic and coronavirus disease 2019 care: Outcome of a pan-India survey. *J Bone Joint Dis* 2021;36:27-32. <http://www.jbjd.org/text.asp?2021/36/2/27/322946>
- Huda N, Bishnoi S, Shahid M, **Keshav K**, Altaf D, Kumar K. Joshi's external stabilization system versus locked compression plating in the management of tibial plateau fractures: A nonrandomized prospective study. *J Bone Joint Dis* 2021;36:14-20. <http://www.jbjd.org/text.asp?2021/36/2/14/322950>
- Ranjan N, Sharma P, Baghel A, **Keshav K**, Kumar A. Epidemiology of Orthopaedic Trauma in the Geriatric patients admitted in a tertiary care trauma centre in northern India. *Journal of Bone and Joint Diseases* 2020;35(2):5-8. <https://doi.org/10.13107/jbjd.2020.v35i02.013>

C. Case Reports

- **Keshav K**, Nishani M, Singh A, Singh A. Symphyseal plating for pelvic fracture in a morbidly obese patient: operative challenges and innovation of a novel 'wire-ramp plate-sliding method'. *BMJ Case Rep*. 2023 Jul 21;16(7):e254279. PMID: 37479490; PMCID: PMC10364149. <https://doi.org/10.1136/bcr-2022-254279>
- Kumar A, **Keshav K**, Singh S, et al. (September 29, 2023) Postoperative Fracture Risk in Giant Cell Tumor: A Case Report and Review of Literature. *Cureus* 15(9): e46192

D. PUBLICATIONS (Contd.)

C. Case Reports (Contd.)

- **Keshav K**, Kumar A. An Anatomical Variation of Sciatic Nerve Encountered during Kocher-Langenbeck Approach to the Acetabulum: A Case Report. *Journal of Bone and Joint Diseases*. January-April 2021;36(1):38-40.
- **Keshav K**, Das LK, Kumar S, Singh S. Pseudomonal clavicular osteomyelitis managed by subtotal clavicular excision: A rare case report and literature review. *Journal of Bone and Joint Diseases* 2020;35(3):52-54
- **Keshav K**. Giant Periosteal Chondroma of proximal humerus extending on both sides of axillary nerve managed by surgical excision through shoulder strap incision: A case report. *Journal of Bone and Joint Diseases* 2020;35(2):50-52.

D. Letters to the editor

- Gupta AK, **Keshav K**, Kumar P. Author's reply. *Indian Journal of Orthopaedics* 2017;51:481-2.
- Gupta AK, **Keshav K**, Kumar P. Author's reply. *Indian Journal of Orthopaedics* 2017;51:624.

E. Editorials

- **Keshav K**. Medical jousting in orthopaedics. *J Bone Joint Dis* 2022;37:1-2.
- **Keshav K**. Incorporating clinician-assessed and patient-reported outcome measures in routine orthopaedic practice. *J Bone Joint Dis* 2021;36:45-7.
- **Keshav K**. Starvation in the midst of plenty: Are we orthopaedic surgeons smart enough? *Journal of Bone and Joint Diseases* 2020;35(3):1-2.
- **Keshav K**. Publication in scientific Journals: For whose benefit ? *Journal of Bone and Joint Diseases* 2019; 34(3):1-2.

F. Book Chapters

- **Keshav K**, Shukla B, Vishwakarma K. Textbook of Traumatic Brain Injury. 3rd ed. Mahi Publication; 2022. Chapter 61, Evaluation of Musculoskeletal and Maxillofacial Injury in a Polytrauma Patient; p. 731-744.
- Authored 4 chapters in the book “**FAQs in Practical Orthopaedic Examination (Ahuja Publications)**”-
 - A case of Neglected/ non-union Femoral neck fracture
 - A case of Tubercular Arthritis of Hip
 - A case of Neglected Posterior Dislocation of Hip
 - Foot drop

D. PICTURE GALLERY



Receiving the prestigious MRCS degree at the Royal College of Surgeons of England



Receiving the Gold Medal for Community Medicine during Final Professional (Part-I) of MBBS

D. PICTURE GALLERY (Contd.)



AO Trauma Fellowship at Sunnybrook Hospital, Toronto, Canada- with the legendary surgeons Prof. Schatzker, Prof. Richard Jenkinson and Prof. Hans Kreder



During the ISKSAA-BOSTAA U.K. Travelling Fellowship at University College London Hospitals, London, U.K.

D. PICTURE GALLERY (Contd.)



IOA Travelling Fellowship (erstwhile J & J Fellowship) at various centres in Kolkata, Chennai and New Delhi



UPOA Ghaziabad National Fellowship at Ganga Hospital, Coimbatore in Arthroscopy and Sports Medicine- with the legendary surgeons Dr. S. Rajasekaran and Dr. S.R. Sundararajan

D. PICTURE GALLERY (Contd.)



Hip Preservation Fellowship under Prof. (Dr.) Ajay Malviya at Northumbria Healthcare NHS Trust and Nuffield Hospital, Newcastle, U.K.



Receiving the award for a quiz held in SICOT SORC, Mumbai-2019



Receiving the award for second position in podium poster presentation held in ASAMICON-2020, New Delhi

E. MISCELLANEOUS

PRESENTATION IN CONFERENCES

1. SICOT ORTHOPAEDIC WORLD CONGRESS-2023 (Cairo, Egypt)
 - i. Modification of Ranawat's Posterior Soft Tissue Repair in Primary Total Hip Arthroplasty by Polybutylate-coated Braided Polyester sutures: A case series of 33 hips- in the free paper session
 - ii. 360 degrees acetabular exposure by controlled soft-tissue release and placement of retractors at 3, 6, 9 and 12 o'clock positions: A case series of 50 primary total hip arthroplasties- in the free paper session
 - iii. Modified Step Cut Osteotomy with Ninety-Ninety Plating for Post-Traumatic Cubitus Varus in an Adolescent Child: A Case Report- in the e-poster session
 - iv. Quadruple plating of a four weeks old plafond fracture with fragment-specific buttressing of tibial fragments via two incisions: A case report- in the e-poster session
2. SICOT ORTHOPAEDIC WORLD CONGRESS-2022 (Kuala Lumpur, Malaysia)

“Pendulum phenomenon leading to non-union in concomitant hip and infra-isthmic femoral shaft fractures fixed by long proximal-femoral nail: A case series” in the e-poster session
3. SICOT ORTHOPAEDIC WORLD CONGRESS-2021 (Budapest, Hungary)
 - i. “Ilizarov ring fixation as a surgical modality in Gustilo Anderson Grade 1-3A tibial plateau and plafond fractures in acute setting: A prospective study of 13 cases” in free paper session
 - ii. “Is it “Terrible quadruple”? A case report of “Terrible triad injury of elbow” associated with olecranon fracture managed surgically” short free paper session
4. SICOT ORTHOPAEDIC WORLD CONGRESS-2013 (Hyderabad)

E-poster Presentation on “ Simple curettage and bone grafting by synthetic calcium hydroxyapatite (CHA) in various benign lytic lesions of bone”
5. Annual Conference of Indian Arthroscopy Society (IASCON)-2022 (Coimbatore)

“Neglected anterior tibial spine avulsion associated with femoral shaft fracture managed by arthroscopic pull-through suture fixation: A case report” in the free paper session
6. Asia Pacific Orthopaedic Association- Young Surgeon's Forum (APOA-YSF)-2023, AIIMS, New Delhi

Case presentation as **Faculty**- “An Anatomical Variation of Sciatic Nerve Encountered during Kocher-Langenbeck Approach to the Acetabulum.
7. Asia Pacific Orthopaedic Association- Young Surgeon's Forum (APOA-YSF)-2020 (Varanasi)

Case presentation as **Faculty**- “Posterior dislocation of hip with ipsilateral fracture acetabulum (associated transverse and posterior wall type) managed by staged surgeries.”
8. ASAMICON-2020 (New Delhi)

Podium-poster presentation on “Ilizarov as a surgical modality in open fractures of proximal and distal tibia in acute setting: A prospective study of 13 cases”
Got second prize in the category in the conference.
9. Annual Conference of Indian Orthopaedic Association (IOACON)-2023 (Lucknow)
 - i. Surgical technique of application of pelvic external Fixator- In Pelvicetabular cadaveric Workshop
 - ii. Infra-isthmic femoral shaft fracture fixed with conventional intramedullary nail-Pendulum phenomenon leading to hypertrophic non-union
 - iii. 360 degrees acetabular exposure by controlled soft-tissue release and placement of retractors at 3, 6, 9 and 12 o'clock positions: A case series of 50 primary total hip arthroplasties
10. Annual Conference of Indian Orthopaedic Association (IOACON)-2021 (Goa)
 - i. “Concomitant hip and infra-isthmic femoral shaft fractures: Is a single second-generation cephalomedullary nail enough? A case series and literature review in free-paper session
 - ii. “Terrible Triad injury of elbow in association with olecranon fracture: A case report and literature review of terrible triad variants” in e-poster session.

E. MISCELLANEOUS (Contd.)

PRESENTATION IN CONFERENCES

11. Annual Conference of Indian Orthopaedic Association (IOACON)-2019 (Kolkata)
“Primary Ilizarov as a surgical modality in open fractures of proximal and distal tibia in acute setting”- e-poster presentation
12. Annual Conference of Indian Orthopaedic Association (IOACON)-2016 (Kochi)
“Is simple curettage enough to prevent recurrence in aneurysmal bone cysts? A series of 24 cases with more than 8 years average follow-up.”- poster presentation
13. Annual Conference of Indian Orthopaedic Association (IOACON)-2015 (Jaipur)
“Decalcified allograft as a bone graft substitute in benign lytic lesions of bone” in the free paper session
14. Annual Conference of Indian Orthopaedic Association (IOACON)-2013 (Agra)
“Simple curettage and bone grafting by synthetic calcium hydroxyapatite in various benign lytic lesions of bone” in the free paper session
15. UP ORTHOCON-2016 (U.P. State Chapter of Indian Orthopaedic Association) (Meerut)
Decalcified allograft as a bone graft substitute- A basis of bone bank in developing countries.
16. UP ORTHOCON-2014 (U.P. State Chapter of Indian Orthopaedic Association) (Jim Corbett, Ramnagar)
 - i. “Search for ideal bone graft. Our experience with calcium hydroxyapatite in benign bony lytic lesions” in free paper session of Basic Sciences category.
 - ii. “Bilateral isolated Hoffa Fracture: A rare case report” in E-Poster gold medal session
17. UP ORTHOCON-2013 (U.P. State Chapter of Indian Orthopaedic Association) (Aligarh)
“Evaluation of outcome of distal femoral fractures treated by supracondylar nailing” in the free paper session.
18. UP POST GRADUATE INSTRUCTIONAL Course (UP PGICL)-2021 (Moradabad)
Participated as a faculty and delivered 2 lectures:-
 - i. Approach to a case of Pott’s spine
 - ii. Acetabular fractures: Radiology, Classification and approaches
19. KGMU PELVI-ACETABULAR CME AND CADAVERIC WORKSHOP 2022
Participated as a faculty and demonstrated various surgical exposures to the acetabulum on cadavers
20. CME-CUM-SAW BONE WORKSHOP ON PELVI-ACETABULAR TRAUMA-2024, Moradabad)
Participated as a faculty and delivered lectures on:-
 - i. Radiographic Assessment of Acetabular Fractures
 - ii. Transverse fractures
 - iii. Modified Iliofemoral Approach

THESIS/ DISSERTATION/ PROJECTS

1. Management of benign lytic lesions of bone by Hydroxyapatite crystals- A prospective and retrospective study (during M.S. (Orthopaedics))
2. Impact of COVID-19 pandemic on orthopaedic practice in India: An online survey (As Principal Investigator) (IEC Code-2020-133-IMP-EXP-20)
3. Is Minimally Invasive Plating Osteosynthesis (MIPO) better than Conventional Open Plating for Humeral Shaft Fractures: A Systematic Review and Meta-Analysis (As lead reviewer) (International prospective register of systematic reviews (PROSPERO) - CRD42020208346, Date of registration- 09/10/2020)
4. Effect of three months daily teriparatide injection in Osteoporotic intertrochanteric fractures: A randomized Controlled Trial - Intramural research grant from SGPGIMS, Lucknow A-17-PGI/IMP/89/2024- ***Has received an intramural grant of Rs 9,95,000/-***

E. MISCELLANEOUS (Contd.)

MEMBERSHIP OF SCIENTIFIC SOCIETIES

1. SICOT (Société Internationale de Chirurgie Orthopédique et de Traumatologie/ The International Society of Orthopaedic Surgery and Traumatology), Belgium (Active for the year 2024)- Membership Id- 27638
2. AO Trauma (AO Member no.- 100128826)
3. Indian Orthopaedic Association (LM-10081)
4. Indian Arthroscopy Society (LM-3087)
5. ISKSAA (International Society for Knowledge for Surgeons on Arthroscopy and Arthroplasty (No. 745)
6. National Academy of Medical Sciences (India)
7. ASAMI-INDIA (Membership no.-634)
8. Uttar Pradesh Orthopaedic Association (LM- 1556)

MAJOR CONFERENCES/ COURSES ATTENDED

1. 43rd SICOT Orthopaedic World Congress-2023, Cairo, Egypt
2. 42nd SICOT Orthopaedic World Congress-2022, Kuala Lumpur, Malaysia
3. 41st SICOT Orthopaedic World Congress- 2021, Budapest, Hungary
4. 34th SICOT Orthopaedic World Congress- 2013, Hyderabad, India
5. AO Advanced Principles of Fracture Management-2019, Kolkata
6. AO Trauma Basic -Principles course-2015, Jodhpur
7. AO Trauma Introduction Program- 2012, Kanpur
8. AO Recon- Principles of Total Hip and Knee arthroplasty-2022, Kolkata
9. 20th Annual Conference of Indian Arthroscopy Society (IASCON)- 2023, Lucknow
10. 19th Annual Conference of Indian Arthroscopy Society (IASCON)- 2022, Coimbatore
11. 5th Ganga Arthroscopy Course, 2024, Coimbatore
12. 68th Annual conference of the Indian Orthopaedic Association (IOACON)-2023, Lucknow
13. 67th Annual conference of the Indian Orthopaedic Association (IOACON)-2022, Amritsar
14. 66th Annual conference of the Indian Orthopaedic Association (IOACON)-2021, Goa
15. 64th Annual conference of the Indian Orthopaedic Association (IOACON)-2019, Kolkata
16. 61st Annual conference of the Indian Orthopaedic Association (IOACON)-2016, Kochi
17. 60th Annual conference of the Indian Orthopaedic Association (IOACON)-2015, Jaipur
18. 58th Annual conference of the Indian Orthopaedic Association (IOACON)-2013, Agra
19. ASAMICON -2020, New Delhi
20. ISKSAA-2014, New Delhi
21. Asia Pacific Orthopaedic Association- Young Surgeon's Forum (APOA-YSF)-2023, AIIMS, New Delhi
22. Asia Pacific Orthopaedic Association- Young Surgeon's Forum (APOA-YSF)-2020, Varanasi
23. Cadaveric Basic Arthroscopy Course-2019, Mumbai
24. BOS Pelviacetabular course-2017, Mumbai
25. BOS Pelviacetabular course-2016, Mumbai
26. BOS Basic Spine Course-2017, Mumbai
27. BOS Pediatric orthopaedic course-2017, Mumbai
28. Bombay Operative Spine Course- 2016, Mumbai
29. Bengaluru Traumacourse-2017, Bengaluru
30. RANAWAT ORTHOPAEDIC CONFERENCE (ROC)- 2015, Mumbai
31. UPORTHOCON-20124, Prayagraj, U.P.
32. UPORTHOCON-2023, Gorakhpur, U.P.
33. UPORTHOCON-2022, Varanasi, U.P.
34. UPORTHOCON-2020, Lucknow, U.P.
35. UPORTHOCON-2016, Meerut, U.P.
36. UPORTHOCON-2014, Jim Corbett, Ramnagar.
37. UPORTHOCON-2013, Aligarh, U.P.
38. Speciality Orthopaedic Review Course- A SICOT India Program-2019, Mumbai