

CURRICULUM VITAE

Name **RAMESH KUMAR SEN**
 Current status Director Deptt of Orthopaedics
 Fortis Hospital Mohali, Panjab, INDIA



PERSONAL PARTICULARS

Date of birth/Age Sept 15th 1958/56 years
 Married, one son and one daughter

QUALIFICATION

Ph D Orthopaedics	2008	PGIMER Chandigarh
D.N.B. Ortho	1988	National Board Exam New Delhi
MS Ortho	1987	IGMC Shimla, H.P
MB.B.S.	1982	IGMC Shimla, H.P.

WORK EXPERIENCE

Total of 27 years after Postgraduation in Orthopaedics

21.1.2014- till date	Fortis Hospital Mohali	Director, Deptt of Orthopaedics
1.7.2008 - 20.1.2014	PGIMER Chandigarh	Professor
1.7.2002 - 30.6.2008	PGIMER Chandigarh	Additional Professor
1.7.1998 - 30.6.2002	PGIMER Chandigarh	Associate Professor
3.10.1993 - 30.6.1998	PGIMER Chandigarh	Assistant Professor
1.1.1993 - 2.10.1993	IGMC Shimla	Pool Officer CSIR
1.8.1990 - 31.12.1992	H.C.M Centre Mandi H.P.	Consultant
3.6.1987 - 20.7.1990	IGMC Shimla.	Senior Resident Ortho.

ROLE AS RESEARCH PERSON

CHAIRPERSON : Research Foundation of Indian Orthopaedic Association (2009-2011)

PATENT: New Pelvic plate for reconstruction of acetabulum fractures patented as International classification: A61B17/56 published in OFFICIAL JOURNAL OF THE PATENT OFFICE ISSUE NO. 12/2011 FRIDAY DATE: 25/03/2011

RESEARCH PROJECTS:

PRINCIPAL INVESTIGATOR

EXTRA-MURAL

PROJECTS AS P I	FUNDING AGENCY	PUBLICATION
-----------------	----------------	-------------

1, Early diagnosis of AVN of femoral head in post traumatic hip	"Association Internationale pour l'Osteosynthese Dynamique" (AIOD) Research Committee ,The Trauma Care Institute 400 Promenade des Anglais, 06200 FRANCE	Acta Ortho belgica 2010
2, Role of marrow Stem cells grafting in Post traumatic avascular necrosis	Asian Association Dynamic Osteosynthesis (AADO) Research committee HONGKONG	Jour Arthroplasty 2012
3, Serum lactate as prognostic factor in etiology of Fat Embolism Syndrome	Asian Association Dynamic Osteosynthesis (AADO) Research committee HONGKONG	Presented AAOS New Orleans USA 2010
4, Interleukin-6 role in Fat embolism syndrome	AOTAP (AO trauma asia Pacific)	
5, Treatment Of Painful Osteoarthritis of Knee: An Open Prospective, Randomized Study	Themis Medicare	Ind J Phys Med & Rehab 2009(Oct); 20 (2):
6, Evaluation Of Efficacy And Tolerability Of A Fixed Dose Combination Of glucosamine Sulphate And Omega 3 Fatty Acid	Merck	IJPMR Oct 2007;18(2):48-52

ROLE IN AO EDUCATION

INTERNATIONAL FACULTY

- 1, **INTERNATIONAL FACULTY**, AO Masters Course 15-18th October 2011 **DUBAI**
- 2, **REGIONAL FACULTY**, AO Advanced & Principles Course 11-13th July 2011 **SINGAPORE**
- 3, **REGIONAL FACULTY**, AO Principles Course 7-9th March 2012 Kuala Lumpur **MALAYSIA**
- 4, **FACULTY** AO Symposium LCP workshop, 4th March 2007 Dhaka **BANGLA DESH**
- 5, **FACULTY** AOSEC Course 29-30th October 2011, Rajshahi **BANGLADESH**

NATIONAL

COURSE CHAIRPERSON

AO Pelvic course 11-14th April 2013 **BANGALORE**

AO principles Course 22-24th April 2014 **CHANDIGARH**

COURSE CO CHAIRPERSON

AO Basic course 22-24th Feb 2008 **NEW DELHI**

COURSE CHAIRPERSON:

AO ORP course 10-11th Nov 2011 **CHANDIGARH**

AO COURSE FACULTY:

AO Principle course -8-11th August 2012 **AMRITSAR**,
 AO Principle course -16-18th July 2009 **BARODA**
 AO introduction course 24th May 2009 **RAIPUR**,
 AO introduction course 26th Oct 2008 **ROHTAK**,
 AO Basic Course at 13-15th April 2007 **CHANDIGARH**,
 AO Advanced course 6-9th Nov 2006 **NEW DELHI**,
 AO Basic Course 16-18th July 1999 **NEW DELHI**,
 AO Basic Course 19-20th July 1999 **CHANDIGARH**,

WORKSHOP FACULTY:

AO Fracture fixation workshop June 2001 **LUCKNOW**,
 AO Workshop IOA UPCON 7th-8th Feb 2004 **KANPUR**

AO TRAUMA/ AO AA ANNUAL SYMPOSIUMS FACULTY:

AO Trauma 7-9th April 2012 **CHENNAI** ,
 AOAA/AO Trauma 24-25th April 2010 **PATNA**.
 AOAA Annual Symposium 6-8th March 2009 **SHIMLA**,
 AOAA annual symposium 15-16th march 2008 **MOUNT ABU**,
 AOAA meeting at 24-25th March 2007, **MANGLORE**,
 AOAA meeting at 3-4th march 2006 **KOLKATTA**,
 AOAA Annual meeting at 8-9th Jan 2005 **CHANDIGARH**,
 AOAA annual meeting 14th-15th Feb.2004 LTMGH **MUMBAI**,
 AOAA Annual meeting Nov 24-25th 2002 **CHENNAI**,
 AOAA Annual Symp. 19-21st Nov 1999 at **MT ABU**.

ORGANISATIONAL

EXECUTIVE MEMBER AO Trauma 2010-2011, 2012-2014
SECRETARY AO Alumni Association India Chapter (2007-2009).
Organizing Chairman/Co-Chairman AOAA Annual Symposium 6-8th March 2009 Shimla, AOAA Regional symposium Panchkula 20th July 2008, AOAA Annual Symposium Chandigarh 8th Jan 2005

TRAINING IN AO PHILOSOPHY

AO Basic Course	1995- AO INDIA
AO Fellowship	31 st August to 20 th Nov. 1998 Ulm, GERMANY
AO Pelvic Course	2002- AO INDIA

AWARDS

INTERNATIONAL

- **OASAC (Ortho surgeons of SAARC) Oration Award** at **COLOMBO** 27th oct 2012

- **PLENARY SPEAKER (Baltic states Orthopaedic Surgeons conference 2013, RIGA LATVIA. 20-21st Sept 2013**

NATIONAL

- **Baroda Ortho. Society Oration Award 22nd Sept 2007 Baroda GUJRAT**
- **1st Golden Jubilee Commemoration Oration in IOACON 2008 at BANGALORE on 5th Dec 2008 by IOA**
- **Prof BB Ohri Oration award MP Chapter IOA 4th Oct 2008 INDORE.**
- **Gaziabad Oration of UP Chapter 2010, 20th feb ALLAHABAD**
- **Prof G Swaminathan Oration 2011 awarded in MADURAI Govt. Rajaji Hospital on 5.3.2011**
- **Dr M L Chatterjee Oration WBOA chapter July 14th 2013 KOLKATTA**
- **Dr Mahurkar Oration Award CHIOA on Sept 28th 2013 BHILAI**
- **Dr Marthandam Oration award Jan 22nd 2014 SRM University CHENNAI**

OTHER AWARDS & FELLOWSHIPS

INTERNATIONAL

- **PENALIST in 'International Congress on Knee and Sports Medicine' in Yokohama JAPAN in 1989**
- **BEST FELLOW AWARD in BIOSKILL COURSE in HONGKONG for Fracture fixations. 7-9th July 2001. (exam at end of course)**
- **IOS (UK) FELLOWSHIP UK hospitals BOA 2008 Liverpool. 14th-27th sept 2008.UK**
- **AADO (Hong Kong) Scholarship for European Traumatology Congress Amsterdam HOLLAND in 1998, Int. trauma Symp. Edinburgh UK in 2003, Pelvic Trauma Course HONGKONG 2004 & OTA meeting of USA 2008 USA ,**
- **Plenary Speaker, Baltic states Orthopaedic Surgeons conference. 20-21st Sept 2013.**

NATIONAL

1. **IOA INOR Foreign Fellowship for BOA Glasgow 2006 UK 26-28th Sept 2006**
2. **Johnson & Johnson Traveling Fellowship Awarded 1992 by Ind. Ortho Assoc.**
3. **E Merck Fellowship Awarded for 1989 by Bombay Orthopaedics Society**
4. **Best Research Award" by North Zone Ortho Assoc in 1988 at CMC Ludhiana**

INTERNATIONAL CONFERENCES

AS CHAIRPERSON IN SCIENTIFIC SESSIONS

1. **Asia Pacific Orthopedic Association meet Kuala Lumpur MALAYSIA Sept 2004**

2. **5TH OASAC meeting MALDIVES** 14-16th June 2008.
3. **6TH OASAC meeting Thimphu BHUTAN** 21st 23rd Oct 2010
4. **29th Israel Orthopaedic Association meet Tel Aviv, ISRAEL** Nov 30th to 2nd Dec 2011
5. **7th OASAC meeting Colombo SRILANKA** 26-28th Oct 2012

AS GUEST FACULTY IN INTERNATIONAL MEETINGS

6. **Asia Pacific Ortho Assoc meet Kuala Lumpur** 6-10th Sept. 2004 **MALAYSIA**
7. **1ST SAARC CON 2006 Kathmandu** 8-10th Dec 2006 **NEPAL**
8. **1ST AO Symposium Dhaka** 4th March 2007 **BANGLADESH**
9. **4th Asia Pacific Hip & Knee Symposium** 19-20th June 2010, **Shanghai CHINA**
10. **3RD Asia Pacific Arthroplasty Society (APAS) meeting** 16-18th Sept **New Delhi 2010**
11. **6TH SAARC Ortho OASAC meeting in Thimphu** 21-23rd oct 2010 **BHUTAN**
12. **7th SAARC Ortho OASAC meeting in Colombo** 26-28th oct 2012 **SRILANKA**
13. **5th Baltic Congress of Orthopaedic and Traumatology Riga, Sept 20-21 , 2013 LATVIA**

FACULTY IN FOREIGN COUNTRIES ANNUAL MEETINGS

1. **Malaysia Orthop Association Ann Conf, Miri** 12-15th may 2005 **MALAYSIA**
2. **Pakistan Ortho Assoc Conf, Hyderabad** 23-26th Feb 2006 **PAKISTAN**
3. **IOA speaker in BOA meeting at Glasgow UK** on 24-27th sept 2006
4. **BOSCON Dhaka** 5-6th March 2007. **BANGLADESH,**
5. **IOS UK regional meeting on** 16th Sept 2008 **Manchester UK**
6. **IOS UK Regional Ann. Meet London** 27th Sept 2008 at **UK**
7. **BOSCON Ann meeting Dhaka** 29th-30th march 2009 **BANGLADESH**
8. **British Orthopaedic Association Indian Summer Manchester** 15-18th Sept. 2009 **UK**
9. **Mynamar Orthopaedic Association Yangon** 6-8th Nov 2009. **MYNAMAR**
10. **Cambodian Orthopaedic Society Phenom Penh** 12th Nov 2009, **CAMBODIA**
11. **Plenary Speaker, Srilanka Ortho. Assoc. Colombo** 28-29th oct. 2010. **SRILANKA**

VISITING PROFESSOR IN FOREIGN INSTITUTIONS

- 1, **Detroit Medical center Detroit University of Michigan** 11-16 th March 2013 **USA**
- 2, **University of Mainz** sept 16-18th Septemebr 2013 **GERMANY**

OBSERVERSHIP IN FOREIGN INSTITUTIONS

1. **Nihon University School of Medicine Tokyo JAPAN** July 7th 1989
2. **University of Malaya Kuala lumpur MALAYSIA** July 2001
3. **Cornell University HSS New York USA** 9th Sept. 2002
4. **John Radcliffe Hospital Oxford UK** 18th August 2003
5. **National Taiwan Univ. Hospital Taipei TAIWAN** on 28th Oct 2004

MISC. INTERNATIONAL GUEST PRESENTATIONS

- **Deptt of Orthopaedics Visiting lecturer Kuala Lumpur MALAYSIA** University of Malaya 13-14th July 2001

- Deptt of Orthopaedic Trauma Cornell University HSS **New York USA** 9th September 2002 (femoral head Fractures)
- Deptt of Orthopaedic Surgery University of Malaya Kuala Lumpur **MALAYSIA** JULY 2001 (Femoral head fractures)
- Deptt of orthopaedics **National Taiwan University Hospital Taipei TAIWAN** on 28th Oct 2004 (Femur head fractures)
- Guest speaker **MOACON 2006 Colombo SRILANKA** (Fat embolism syndrome)
- Guest Speaker Deptt of Orthopaedics surgery Bir Hospital **Kathmandu NEPAL** 28th Jan 2008 (basics of acetabular fracture surgery)
- Guest speaker in SICOT webinar april 11, pelvic injuries
- Guest speaker on “widening horizons” at BANGKOK THAILAND march 29th, 2014
- Guest speaker on Asia pacific Arthroplasty Symposium KUALALUMPUR, MALAYSIA may 24-25th, 2014

INTERNATIONAL RESEARCH PAPER PRESENTATIONS

- 1, International Congress on Knee & Sports Medicine Section of WPOA **Yokohama, JAPAN** July 4-6th 1989 (A new patellar index in OSD)
- 5, 1st Meet of Orthopaedic Surgeons of SAARC Countries **Kathmandu NEPAL** April 29-May 1, 1998, (Infections in Orthopaedics).
- 6, 3rd European Traumatology Congress **Amsterdam HOLLAND** June17-20,1998 (Analysis of tissue specific bacterial load in open fractures)
- 7, 62th Duetche Gasselshaft fur Unfallchirurgie **Berlin GERMANY** Nov.18th- 20th, 1998.
- 8, S I R O T meeting **Sydney AUSTRALIA** April 18-20,1999.
- 9, World Orthopaedics Concern Meeting **Sydney AUSTRALIA** April 21,1999
- 10, SICOT meeting **San Diego USA** 25th – 30th August 2002
- 11, ‘**Trauma 2005**’, Whistler **Vancouver CANADA** 6-9th April2005
- 12, **New Zealand Orthopaedic Association** meeting 14-17th oct 2007 at Auckand , **NEW ZELAND.**
- 13, BOS Ann meeting 29th-30th march 2009 Dhaka **BANGLADESH.**
- 14, AAOS annual meeting march 10th 2010. “ serum lactate as predictor of subsequent FES” **New Orleans USA**
- 15, Presentation at Israel Orthopaedic Association Annual meeting at Tel Aviv, **ISRAEL** Nov 30th to 2nd Dec 2011
- 16, AAOS on the ‘ quadrilateral plate fixation with new technique) march 19- 21st 2013 **Chicago USA**

LIVE SURGICAL DEMONSTRATIONS

INTERNATIONAL

- 1, **SAARC Acetabulum workshop** 3-4th August 2007 Kathmandu, **NEPAL**

NATIONAL

1. Command Hospital **CHANDIMANDIR** 2002 and 2003, **acetabular fracture fixation**
2. Ortho Update 1st October **PATNA 2005**, **acetabular fracture fixation.**
3. **Acetabular Workshop** Central Zone IOA Medical college **ALIGARH** 30th April 2006
4. Ganga Course **COIMBATORE** 23-16th Sept 2010 **Acetabular fracture fixation.**
5. Jolly Grant medical College **DEHRADOON** feb 22nd 2014, **total hip arthroplasty.**
6. Medical College **SRINAGAR** 10th april 2014 **acetabular fracture fixation**

AS COURSE DIRECTOR IN PELVI-ACETABULAR WORKSHOPS**INTERNATIONAL:**

- 1, Pelvic Course, Univ. Malaya Kuala Lumpur **MALAYSIA** 16th Dec 2003
- 2, SAARC Acetabulum workshop 3-4th August 2007 Kathmandu, **NEPAL**
- 3, BOS Acetabulum workshop 27th March 2009 Dhaka **BANGLADESH**
- 4, Pelvi-acet workshop Colombo **SRILANKA** 30-31st May 2009
- 5, Fracture fixation workshop Yangon, **MYNAMAR** 9th Nov 2009
- 6, Pelvic inj. Symp. OASAC conf Thimphu **BHUTAN** 21st Oct 2010.

NATIONAL :

ALIGARH CZIOA 30th April 2006, **RAIPUR** CEZCON CHHATTISGARH 26th oct 2007, **KANPUR** 30th August 2009, **BHUVNESHWAR** IOACON 28th Nov 2009, **WARDHA** 13th Dec 2009, **JAMMU** NZIOA 19th Feb 2010, **LUCKNOW** 17th April 2010, **BANGALORE** 11th July 2010, **KOLKATTA** 30th July 2010, **LUDHIANA** 5th Sept. 2010, **JAIPUR** IOACON 12th Dec 2010, **MADURAI** 5th March 2011, **SHIMLA** NZIOACON Shoulder and Elbow Injuries 1st April 2011, **GAZIABAD IOACON** 7th Dec 2011, **PATIALA** 24th march 2012, **LUCKNOW** 25th April 2012, **CHENNAI** KMC 12th may 2012, **BARODA** 27th May 2012, **BANGALORE** 4th Nov 2012,

AS FACULTY IN TRAUMA & PELVI-ACETABULAR WORKSHOPS

MUMBAI WIROC -BOS Jan 2002, PATNA IOACON 13th Nov 2002, INDORE 20th August 2004, PUNE 4th June 2007, KOLKATTA IOACON 4th Dec 2007, MUMBAI Master's Hip Course 9-10 th Dec 2007, VARANASI Ortho society 22nd Dec 2007, ANAND GOACON Gujrat 8th Feb 2008, BANGALORE IOACON 2nd Dec 2008, MUMBAI WIROC at 26th Dec 2008, MUMBAI Masters Hip course 17-18th Jan 2009. COCHIN 25th Oct 2009. MUMBAI Traumacon 15th August 2010, COCHIN 15th August 2011. CHENNAI AO Trauma 8th April 2012, AGRA pelvic workshop 30th march 2013

SCIENTIFIC PRESENTATION IN CONFERENCES & MEETINGS

Sr No	Type of presentation	International	National	Total
-------	----------------------	---------------	----------	-------

1,	Workshop training	7	47	54
----	-------------------	---	----	----

2,	Live surgery	1	4	5
3,	Guest lectures	33	193	226
4,	Research papers	14	25	39
Total		55	269	324

EXAMINER FOR POST GRADUATION FNB/DNB/ MS ORTHO/ MBBS,

International:

- University of Malaya Kuala Lumpur **Malaysia 2006**
- National Academy Medical Sciences Kathmandu **Nepal 2009**
- Teaching Hospital Kathmandu **Nepal 2010**
- Technology University **Mauritius 2013**

National:

- Himachal University, Punjab University, Baba Farid Medical University, AIIMS New Delhi, Aligarh Muslim University, West Bengal university, Banaras Hindu University, Data Meghe University Nagpur, Jammu University, Kashmir University.
- National Board of Examinations

MEMBERSHIP SCIENTIFIC ASSOCIATIONS

INTERNATIONAL

- AO TRAUMA –Gold member
- WOC (World Ortho Concern), SICOT (Society for International Orthopaedics & Traumatology), AOAA (Association steosynthesis Alumni Association), APOA (Asia Pacific Orthopaedic Association), AADO (Asian Association for Dynamic Osteosynthesis,

NATIONAL

IOA (Indian Orthopaedics Association), IAA (Indian Arthroplasty Association), IMA (Indian Medical Association), IAMS (Indian Academy of Medical Specialties), NACCM (National Association of Critical Care Medicine), TSI (Trauma society of India), IOA North Zone Association, IOA HP Chapter, Chandigarh chapter IOA, IABMR (Indian Association of Bone and Mineral Research)

VICE PRESIDENT, Indian Orthopaedic Association 2012-2013

FOUNDER SECRETARY & PRESIDENT ELECT Association of Pelvi-acetabular surgeons of India

CONTRIBUTION TO SCIENTIFIC ACTIVITIES

INTERNATIONAL:

MEMBER Executive committee (SAARC Ortho Assoc.2008-12)

NATIONAL:

- **CHAIRMAN RESEARCH FOUNDATION Indian Ortho Association 2009-11.**
- **SECRETARY AO Alumni Association -India Chapter, 2007-10.**
- **FOUNDER SECRETARY Assoc. Pelvi-Acetabular Surgeons of India.2007-11**
- **Representative to IOA from HP, J&K, Chandigarh 2004-6**
- **SECRETARY Chandigarh Chapter of IOA Chandigarh 2005-8**
- **FOUNDER SECRETARY of IOA HP Chapter in 1992-3**

CONFERENCE ORGANIZATION

- **Organizing Secretary** 1st APASI meeting 27-28th September 2009 Chandigarh.
- **Organizing Co-Chairman** AOAA Annual Symposium 6-8th March 2009 Shimla
- **Organizing Chairman** AOAA Regional symposium Panchkula 20th July 2008.
- **Organizing Secretary** Annual IOA- Chandigarh Chapter meeting 10th Sept 2006.
- **Organizing Secretary** Annual IOA- Chandigarh Chapter meeting & AOAA regional symposium 6th Nov 2005.
- **Organizing Secretary** AOAA Annual Symposium Chandigarh 8th Jan 2005.
 - **Joint Org, Secretary** in North Zone Chapter of IOA 1994, Indian Arthroplasty Association 1995, Paediatric Orthopaedic Society India 1996, North Zone Chapter IOA 1999, IAA annual meeting 2007 Feb., **Organizing Secretary** 1st Annual Conference at Sunder Nagar H.P in 1992., **Organized** Seminar on Industrial Health Barmana (BLP, H.P.) 1988.

ADMINISTRATIVE EXPERIENCE

- I. **INSTITUTIONAL LEVEL**
 - i. **NODAL OFFICER TRAUMA CENTER in PGIMER 2008-2011**
 - ii. **Secretary of Trauma Operationalization committee various hospital committees**
 - **Membership Various Administrative committees** (stem cell development committee 2007-till date, Hospital improvement committee 2009 onwards, Hospital computerization program committee member 2007
 - Incharge, Orthopaedic trauma services PGIMER 1993-2007
 - Disability board member 1996-98
 - iii. **ORTHOAEDIC TRAUMA INCHARGE For 12 years**
- II. **SUBJECT EXPERT: Faculty of Sports Medicine and Physiotherapy GNDU Amritsar**
- III. **Nodal officer Trauma Center monitoring committee PGIMER 2008-2011**
- IV. **Member Secretary Trauma center Operationalization committee PGIMER Advance Trauma center 2011-onwards**
- V. **EXPERT ADVISOR: Trauma Center formation Srinagar under Central Govt.**

EDITORIAL EXPERIENCE

EDITOR TRAUMA Indian Journal Orthopaedics (5 years)

REVIEWER FOR

Malaysian Jour of Orthopaedics (4 years)

International Jour. Gynaoplast surgery (1 yr)
 Ind Journal Orthopaedics & Rehabilitation
 Journal of Genome and genetics
 Ind Journal Medical Research
 Arch Orthopaedics & Traumatology

ARTICLES PUBLISHED IN INDEXED LOCAL / INTERNATIONAL JOURNALS.

Pubmed indexed	84
Other international	18
National Journals (Indian)	63
TOTAL	165
CHAPTER IN BOOKS	10

TOTAL 165

- 1, **Sen RK**, Sharma LR, Thakur SR, Lakhanpal VP. Patellar angle in Osgood-Schlatter disease. Acta Orthop Scand. 1989 Feb;60(1):26-7. PubMed PMID:2929288.
2. **Sen RK**, Yadav RS, Sharma LR, Thakur SR. Giant cell tumour of talus. J Indian Med Assoc. 1990 Jan;88(1):16-7. PubMed PMID: 2362133.
- 3, **Sen RK**, Bedi GS, Nagi ON. Fracture epiphyseal separation of the distal humerus. Australas Radiol. 1998 Aug;42(3):271-4. PubMed PMID: 9727266.
- 4, **Sen RK**, Murthy N, Gill SS, Nagi ON. Bacterial load in tissues and its predictive value for infection in open fractures. J Orthop Surg (Hong Kong). 2000 Dec;8(2):1-5. PubMed PMID: 12468853.
- 5, **Sen RK**, Jain JK, Nagi ON. Traumatic bowing of the forearm bones in roller machine injuries. Injury. 2004 Nov;35(11):1202-6. PubMed PMID: 15488519.
- 6, **Sen RK**, Gul A, Aggarwal S, Kumar SR, Nagi ON. Comminuted refracture of the distal femur and condyles in patients with an intramedullary nail: a report of 5 cases. J Orthop Surg (Hong Kong). 2005 Dec;13(3):290-5. PubMed PMID: 16365494.
- 7, Nayagam LS, Rajan SG, Khandelwal N, **Sen R**, Kohli HS, Sud K, Gupta KL, Sakhuja V, Jha V. Bilateral femoral capital avascular necrosis in a renal transplant recipient on tacrolimus-based immunosuppression. Nephrol Dial Transplant. 2005 Oct;20(10):2262-4. Epub 2005 Jul 19. PubMed PMID: 16030048.
- 8, Puttaswamaiah R, Chandran P, **Sen R**, Kataria S, Gill SS. Deformities in conservatively treated closed fractures of the shaft of the femur in children. Acta Orthop Belg. 2006 Apr;72(2):147-53. PubMed PMID: 16768256.

9, Mathew M, Dhillon MS, Nagi ON, **Sen RK**, Nada R. The effect of local administration of phenytoin on fracture healing: an experimental study. *Acta Orthop Belg.* 2006 Aug;72(4):467-73. PubMed PMID: 17009829.

10, **Sen R**, Prasad P, Kumar S, Nagi O. Periprosthetic femoral fractures around well fixed implants: a simple method of fixation using LC-DCP with trochanteric purchase. *Acta Orthop Belg.* 2007 Apr;73(2):200-6. PubMed PMID: 17515232.

11, Sharma R, Vasishta RK, **Sen RK**, Luthra-Guptasarma M. Refolding of HLA-B27 heavy chains in the absence of beta2m yields stable high molecular weight (HMW) protein forms displaying native-like as well as non-native-like conformational features: implications for autoimmune disease. *Biochim Biophys Acta.* 2007 Dec;1772(11-12):1258-69. Epub 2007 Nov 4. PubMed PMID: 18036353.

12, Kalra N, Khandelwal N, Gupta P, Kang M, Lal A, **Sen RK**, Behera A. MDCT arteriographic spectrum in acute blunt peripheral trauma--a pictorial review. *Emerg Radiol.* 2008 Mar;15(2):91-7. Epub 2007 Dec 11. Review. PubMed PMID:18071768.

13, **Sen RK**, Veerappa LA, Vasishta RK, Gupta V. Diaphyseal sclerotic osteosarcoma presenting as a pathological fracture. *Acta Orthop Belg.* 2008 Aug;74(4):556-61. PubMed PMID: 18811046.

2009

14, **Sen RK**. Management of avascular necrosis of femoral head at pre-collapse stage. *Indian J Orthop.* 2009 Jan;43(1):6-16. doi: 10.4103/0019-5413.45318. PubMed PMID: 19753173; PubMed Central PMCID: PMC2739499.

15, **Sen RK**, Veerappa LA. Long-term outcome of conservatively managed displaced acetabular fractures. *J Trauma.* 2009 Jul;67(1):155-9. doi: 10.1097/TA.0b013e31819db092. PubMed PMID: 19590327.

16, **Sen RK**, Prasad G, Aggarwal S. Scapulothoracic dissociation: level of vascular insult, an indirect prognostic indicator for the final outcome? *Acta Orthop Belg.* 2009 Feb;75(1):14-8. PubMed PMID: 19358392.

17, Prasad P, **Sen RK**, Gill SS, Wardak E, Saini R. Clinico-radiological assessment and their correlation in clubfeet treated with postero-medial soft-tissue release. *Int Orthop.* 2009 Feb;33(1):225-9. Epub 2007 Sep 4. PubMed PMID:17768623; PubMed Central PMCID: PMC2899228.

18, Wardak E, Gill S, Wardak M, **Sen R**, Singh P, Kumar V, Saini R, Jha N. Role of MRI in detecting early physeal changes due to acute osteoarticular infection around the knee joint:

a pilot study. *Int Orthop*. 2009 Dec;33(6):1707-11. Epub 2008 Aug 1. PubMed PMID: 18670775; PubMed Central PMCID: PMC2899167.

19, Shanbhogue AK, Sandhu MS, Singh P, Ojili V, Khandelwal N, **Sen R**. Real time spatial compound ultrasound in the evaluation of meniscal injuries: a comparison study with conventional ultrasound and MRI. *Knee*. 2009 Jun;16(3):191-5. Epub 2008 Dec 6. PubMed PMID: 19059782.

20, Bhadada SK, Das S, Bhansali A, **Sen R**, Bhattacharya A. Visual vignette. *Endocr Pract*. 2009 Sep-Oct;15(6):655. PubMed PMID: 19546048.

2010

21, **Sen RK**, Tripathy SK, Aggarwal S, Agarwal A, Goyal T, Tahasildar N, Dhatt S. Broken Kirschner or guide-wire retrieval: a report of 4 cases. *Hip Int*. 2010 Oct-Dec;20(4):551-4. PubMed PMID: 21157764.

22, **Sen RK**, Kumar A. Venous thrombo-embolism in orthopaedics. *J Indian Med Assoc*. 2010 Apr;108(4):215-6, 218-20. PubMed PMID: 21114189.

23, **Sen RK**, Tripathy SK, Gill SS, Verma N, Singh P, Radotra BD. Prediction of posttraumatic femoral head osteonecrosis by quantitative intraosseous aspirate and core biopsy analysis: a prospective study. *Acta Orthop Belg*. 2010 Aug;76(4):486-92. PubMed PMID: 20973355.

24, Tripathy SK, **Sen RK**, Sharma A, Tamuk T. Isolated cystic tuberculosis of scapula; case report and review of literature. *J Orthop Surg Res*. 2010 Oct;5:72. doi: 10.1186/1749-799X-5-72. PubMed PMID: 20932322; PubMed Central PMCID: PMC2959054.

25, **Sen RK**, Tripathy SK, Kumar R, Kumar A, Dhatt S, Dhillon MS, Nagi ON, Gulati M. Proximal femoral medullary canal diameters in Indians: correlation between anatomic, radiographic, and computed tomographic measurements. *J Orthop Surg (Hong Kong)*. 2010 Aug;18(2):189-94. PubMed PMID: 20808010.

26, **Sen RK**, Tripathy SK, Dhatt S, Saini R, Aggarwal S, Agarwal A. Primary tuberculous pyomyositis of forearm muscles. *Indian J Tuberc*. 2010 Jan;57(1):34-40. PubMed PMID: 20420043.

27, **Sen RK**, Veerappa LA. Outcome analysis of pelvic ring fractures. *Indian J Orthop*. 2010 Jan;44(1):79-83. doi: 10.4103/0019-5413.58610. PubMed PMID: 20165681; PubMed Central PMCID: PMC2822424.2011

2011

28, Aggarwal N, Raveendran A, Khandelwal N, **Sen RK**, Thakur JS, Dhaliwal LK, Singla V, Manoharan SR. Prevalence and related risk factors of osteoporosis in peri- and postmenopausal Indian women. *J Midlife Health*. 2011 Jul;2(2):81-5. doi:10.4103/0976-7800.92537. PubMed PMID: 22408337; PubMed Central PMCID: PMC3296391.

29, **Sen RK**, Soni A, Saini UC, Singh D. Internal fixation and bone grafting for intraarticular nonunion of tibial plateau: a report of four cases. *Chin J Traumatol*. 2011 Dec 1;14(6):371-5. PubMed PMID: 22152143.

30, Tripathy SK, **Sen RK**, Aggarwal S, Dhatt SS, Tahasildar N. Simultaneous bilateral anterior shoulder dislocation: report of two cases and review of the literature. *Chin J Traumatol*. 2011 Oct 1;14(5):312-5. PubMed PMID: 22118489.

31, **Sen RK**, Tripathy SK, Manoharan SR, Krishnan V, Tamuk T, Jagadeesh V. Longterm surgical treatment outcome of talar body fracture. *Chin J Traumatol*. 2011 Oct 1;14(5):282-7. PubMed PMID: 22118482.

32, **Sen RK**, Tripathy SK, Meena DS, Gupta N. Osteochondral allograft transplantation after excision of femoral head giant cell tumour: a case report. *Acta Orthop Belg*. 2011 Aug;77(4):555-60. PubMed PMID: 21954771.

33, Tripathy SK, **Sen RK**, Goyal T. Conservative versus surgical management of Pipkin type I fractures associated with posterior dislocation of the hip: a randomised controlled trial. *Int Orthop*. 2011 Dec;35(12):1907-8. doi:10.1007/s00264-011-1352-1. Epub 2011 Sep 17. PubMed PMID: 21927818; PubMed Central PMCID: PMC3224604.

34, **Sen RK**, Tripathy SK, Deivaraju C, Das A. Isolated focal pyomyositis of teres minor: an unusual presentation of tuberculosis. *Acta Orthop Traumatol Turc*. 2011;45(4):276-9. doi: 10.3944/AOTT.2011.2447. PubMed PMID: 21908969.

35, Tripathy SK, Goyal T, **Sen RK**. Revision internal fixation and nonvascular fibular graft for femoral neck nonunion. *J Trauma*. 2011 Jul;71(1):270-1; author reply 271-2. doi: 10.1097/TA.0b013e3182217a7f. PubMed PMID: 21818050.

36, Chaudhary S, **Sen RK**, Saini UC, Soni A, Gahlot N, Singh D. Use of gentamicin-loaded collagen sponge in internal fixation of open fractures. *Chin J Traumatol*. 2011 Aug 1;14(4):209-14. PubMed PMID: 21801664.

37, **Sen RK**, Tripathy SK, Krishnan V, Goyal T, Jagadeesh V. Ipsilateral fracture dislocations of the hip and knee joints with contralateral open fracture of the leg: a rare case and its management principles. *Chin J Traumatol*. 2011 Jun 1;14(3):183-7. PubMed PMID: 21635808.

38, Aggarwal S, Bali K, Krishnan V, Kumar V, Meena D, **Sen RK**. Management outcomes in pubic diastasis: our experience with 19 patients. *J Orthop Surg Res*. 2011 May 17;6:21. doi: 10.1186/1749-799X-6-21. PubMed PMID: 21586135; PubMed Central PMCID: PMC3108341.

39, **Sen RK**, Tripathy SK, Singh AK. Is routine thromboprophylaxis justified among Indian patients sustaining major orthopedic trauma? A systematic review. *Indian J Orthop*. 2011 May;45(3):197-207. doi: 10.4103/0019-5413.80037. PubMed PMID:21559098; PubMed Central PMCID: PMC3087220.

40, **Sen RK**, Kumar A, Tripathy S, Aggarwal S, Khandelwal N. Risk factors of venous thromboembolism in Indian patients with pelvic-acetabular trauma. *J Orthop Surg (Hong Kong)*. 2011 Apr;19(1):18-24. PubMed PMID: 21519070.

41, Mootha AK, **Sen RK**, Aggarwal S, Bali K, Saini R. Management of a neglected femoral neck fracture in a limb affected by poliomyelitis - a case report. *Hip Int*. 2011 Apr 4;21(2):267-269. doi: 10.5301/HIP.2011.6510. [Epub ahead of print] PubMed PMID: 21484748.

42, Agrawal K, Bhattacharya A, Harisankar CN, Abrar ML, Mittal BR, Tripathy SK, **Sen RK**. [18F]Fluoride and [18F]fluorodeoxyglucose PET/CT in myositis ossificans of the forearm. *Eur J Nucl Med Mol Imaging*. 2011 Oct;38(10):1956. doi:10.1007/s00259-011-1794-0. Epub 2011 Mar 30. PubMed PMID: 21448700.

43, Tripathy SK, Goyal T, **Sen RK**, Meena DS, Gupta N, Agrawal K. Isolated tubercular pseudotumour of lateral malleolus. *Foot (Edinb)*. 2011 Mar;21(1):48-51. doi: 10.1016/j.foot.2010.12.003. Epub 2011 Jan 12. PubMed PMID: 21232932.

44, **Sen RK**, Tripathy SK, Aggarwal S, Tamuk T. Posterior wall reconstruction using iliac crest strut graft in severely comminuted posterior acetabular wall fracture. *Int Orthop*. 2011 Aug;35(8):1223-8. doi: 10.1007/s00264-010-1177-3. Epub 2010 Dec 7. PubMed PMID: 21136052; PubMed Central PMCID: PMC3167440.

45, **Sen RK**, Tripathy SK, Kumar S, Aggarwal S, Tamuk T. Ipsilateral proximal and distal forearm fracture/fracture dislocation in children. *J Pediatr Orthop B*. 2011 May;20(3):129-37. doi: 10.1097/BPB.0b013e328341df92. PubMed PMID: 21127435.

46, Tripathy SK, Saini R, Sudes P, Dhillon MS, Gill SS, **Sen RK**, Agarwal A, Dhatt S, Mootha AK. Application of the Ponseti principle for deformity correction in neglected and relapsed clubfoot using the Ilizarov fixator. *J Pediatr Orthop B*. 2011 Jan;20(1):26-32. doi: 10.1097/BPB.0b013e32833f33fe. PubMed PMID: 20842065.

47. **Sen RK**, Kumar A, Tripathy SK, Aggarwal S, Khandelwal N, Manoharan SR. Risk of postoperative venous thromboembolism in Indian patients sustaining pelvi-acetabular

injury. *Int Orthop*. 2011 Jul;35(7):1057-63. doi:10.1007/s00264-010-1093-6. Epub 2010 Jul 24. PubMed PMID: 20658134; PubMed Central PMCID: PMC3167413.

48, Harisankar CN, Mittal BR, Watts A, Bhattacharya A, **Sen R**: Utility of dynamic perfusion PET using ¹³N-ammonia in diagnosis of asymptomatic recurrence of fibrosarcoma. *Clin Nucl Med*. 2011 Feb;36(2):150-1. PubMed PMID: 21220986.

49, Bhadada SK, Bhansali A, Das S, Singh R, **Sen R**, Agarwal A, Mittal BR, Nahar U, Dutta P, Khandelwal N: Fibrous dysplasia & McCune-Albright syndrome: an experience from a tertiary care centre in north India. *Indian J Med Res*. 2011 May;133 (5):504-9. PubMed PMID: 21623035; PubMed Central PMCID:PMC3121281

50. Bali K, Krishnan V, **Sen R**: Bilateral petrochanteric fractures with bilateral patellar fractures with missed medial process fracture of talus in a young adult: a case report and review of literature. *Musculoskelet Surg*. 2011 Dec;95(3):259-63. Epub 2011 Jun 14. PubMed PMID: 21671098.

51, **Sen R**, Viswanathan V, Gopinathan NR, Kantharajanna S: Comments on Chen et al.: Conservative versus surgical management of Pipkin type I fractures associated with posterior dislocation of the hip: a randomised controlled trial. *Int Orthop*. 2011 Dec;35(12):1909. Epub 2011 Sep 18. PubMed PMID: 21928057; PubMed Central PMCID: PMC3224612

52, **Sen RK**, Tripathy SK LETTER TO THE EDITOR Reply to the comments of Li et al. to the article: Posterior wall reconstruction using iliac crest strut graft in severely comminuted posterior acetabular wall fracture [Int Orthop](#). 2011 Dec;35(12):1903-4; author reply 1905-6. doi: 10.1007/s00264-011-1358-8. Epub 2011 Sep 25.

2012

53, **Sen RK**, Gopinathan NR, Kumar R, Saini UC. Simple reproducible technique in treatment for osteopetrotic fractures. *Musculoskelet Surg*. 2012 Sep 16. [Epub ahead of print] PubMed PMID: 22983737.

54, Soni A, **Sen RK**, Saini UC, Singh D, Chaudhary S. Buttress plating for a rare case of comminuted medial condylar Hoffa fracture associated with patellar fracture. *Chin J Traumatol*. 2012 Aug 1;15(4):238-40. PubMed PMID: 22863343.

55, Tripathy SK, **Sen RK**, Goyal T. Gorham's disease of femur - A response. *Indian J Orthop*. 2012 May;46(3):373. doi: 10.4103/0019-5413.96372. PubMed PMID: 22719130; PubMed Central PMCID: PMC3377154.

56, **Sen RK**, Goyal T, Tripathy SK, Chakraborty S. Tarlov cysts: a report of two cases. *J Orthop Surg (Hong Kong)*. 2012 Apr;20(1):87-9. PubMed PMID: 22535818.

57, Sament R, Mayanger JC, Tripathy SK, **Sen RK**. Closed reduction and percutaneous screw fixation for tibial plateau fractures. *J Orthop Surg (Hong Kong)*. 2012 Apr;20(1):37-41. PubMed PMID: 22535809.

58, Tripathy SK, **Sen RK**, Goyal T. Reply to comment on Sen et al.: Osteosynthesis of femoral-neck nonunion with angled blade plate and autogenous fibular graft. *Int Orthop*. 2012 Jun;36(6):1321-2. doi: 10.1007/s00264-012-1489-6. Epub 2012 Jan 26. PubMed PMID: 22278399; PubMed Central PMCID: PMC3353072.

59, **Sen RK**, Tripathy SK, Aggarwal S, Marwaha N, Sharma RR, Khandelwal N. Early results of core decompression and autologous bone marrow mononuclear cells instillation in femoral head osteonecrosis: a randomized control study. *J Arthroplasty*. 2012 May;27(5):679-86. doi: 10.1016/j.arth.2011.08.008. Epub 2011 Oct 13. PubMed PMID: 22000577.

60, Tripathy SK, **Sen RK**, Akkina N, Hampannavar A, Tahasildar N, Limaye R. Role of ultrasonography and magnetic resonance imaging in the diagnosis of intramuscular cysticercosis. *Skeletal Radiol*. 2012 Sep;41(9):1061-6. doi:10.1007/s00256-011-1320-2. Epub 2011 Nov 19. PubMed PMID: 22101866.

61, **Sen RK**, Tripathy SK, Kumar A, Agarwal A, Aggarwal S, Dhatt S. Metaphyseal-diaphyseal junction fracture of distal humerus in children. *J Pediatr Orthop B*. 2012 Mar;21(2):109-14. doi: 10.1097/BPB.0b013e32834ba9d6. PubMed PMID: 21897299.

62, **Sen RK**, Tripathy SK, Goyal T, Aggarwal S, Tahasildar N, Singh D, Singh AK. Osteosynthesis of femoral-neck nonunion with angle blade plate and autogenous fibular graft. *Int Orthop*. 2012 Apr;36(4):827-32. doi: 10.1007/s00264-011-1344-1. Epub 2011 Sep 1. PubMed PMID: 21881882; PubMed Central PMCID: PMC3311820

63, **Sen RK**, Tripathy SK, Krishnan V. Role of corticosteroid as a prophylactic measure in fat embolism syndrome: a literature review. *Musculoskelet Surg*. 2012 Jun;96(1):1-8. doi: 10.1007/s12306-011-0156-1. Epub 2011 Jul 20. Review. PubMed PMID: 21773697.

64, Sharma K, Sharma A, Sharma SK, **Sen RK**, Dhillon MS, Sharma M. Does multiplex polymerase chain reaction increase the diagnostic percentage in osteoarticular tuberculosis? A prospective evaluation of 80 cases. *Int Orthop*. 2012 Feb;36(2):255-9. doi: 10.1007/s00264-011-1241-7. Epub 2011 Mar 26. PubMed PMID: 21442201; PubMed Central PMCID: PMC3282846.

65, Kaushal M, Sen R Posterior endoscopic discectomy: Results in 300 patients.. Indian J Orthop. 2012 Jan;46(1):81-5. doi: 10.4103/0019-413.91640.PMID:22345812[PubMed]

66, **Sen RK**, Tripathy SK, Aggarwal S, Goyal T, Meena DS, Mahapatra S. A safe technique of anterior column lag screw fixation in acetabular fractures. Int Orthop. 2012 Nov;36(11):2333-40. doi: 10.1007/s00264-012-1661-z. Epub 2012 Sep 23. PubMed PMID: 23001195; PubMed Central PMCID: PMC3479271.

67, Singh D, **Sen R**, Chaudhary S, Tripathy SK. Periosteal osteosarcoma of the calcaneum: a case report. Foot Ankle Spec. 2012 Apr;5(2):121-3. doi:10.1177/1938640011434510. Epub 2012 Feb 15. PubMed PMID: 22343818

68, Manohar K, Mittal BR, Bhattacharya A, Sen R. Recurrent giant cell tumor of foot detected by F18-FDG PET/CT. Indian J Nucl Med. 2012 Oct;27(4):262-3. doi:10.4103/0972-3919.115402. PubMed PMID: 24019661; PubMed Central PMCID: PMC3759092.

69, Harisankar CN, Mittal BR, Bhattacharya A, Singh P, Sen R. Utility of single photon emission computed tomography/computed tomography imaging in evaluation of chronic low back pain. Indian J Nucl Med. 2012 Jul;27(3):156-63. doi:10.4103/0972-3919.112720. PubMed PMID: 23919068; PubMed Central PMCID:PMC3728736.

2013

70, Prakash S, **Sen RK**, Tripathy SK, Sen IM, Sharma RR, Sharma S. Role of Interleukin-6 as an Early Marker of Fat Embolism Syndrome: A Clinical Study. ClinOrthop Relat Res. 2013 Feb 20. [Epub ahead of print] PubMed PMID: 23423626.

71, Tripathy SK, **Sen RK**, Goyal T, Gupta N. Gorham disease of the proximal femur: a case report and review of published reports. Orthop Surg. 2013 Feb;5(1):72-6.doi: 10.1111/os.12019. PubMed PMID: 23420753.

72, **Sen RK**, Tripathy SK, Aggarwal S, Goyal T, Mahapatra SK. Comminuted quadrilateral plate fracture fixation through the iliofemoral approach. Injury.2013 Feb;44(2):266-73. doi: 10.1016/j.injury.2012.11.002. Epub 2012 Nov 28.PubMed PMID: 23199759.

73, Gayana S, Bhattacharya A, Kashyap R, **Sen RK**, Mittal BR. 18F-Fluoride PET/CT in Avascular Necrosis of the Femoral Head. Clin Nucl Med. 2013 Jan 31. [Epub ahead of print] PubMed PMID: 23143050.

74, Tripathy SK, **Sen RK**, Goyal T, In-out-in technique for acetabular fractures: is it really good? *Int Orthop*. 2013 Jan;37(1):author reply 169-70. doi: 10.1007/s00264-012-1729-9. Epub 2012 Dec 4. PubMed PMID: 23207582; PubMed Central PMCID: PMC3532635.

75: Sament R, Bachhal V, Gopinathan NR, **Sen RK**. Isolated tuberculosis of sacrum with monoparesis: an atypical presentation. *Asian Spine J*. 2013 Dec;7(4):351-4. doi: 10.4184/asj.2013.7.4.351. Epub 2013 Nov 28. PubMed PMID: 24353854; PubMed Central PMCID: PMC3863663.

76: Meena UK, Tripathy SK, **Sen RK**, Aggarwal S, Behera P. Predictors of postoperative outcome for acetabular fractures. *Orthop Traumatol Surg Res*. 2013 Dec;99(8):929-35. doi: 10.1016/j.otsr.2013.09.004. Epub 2013 Oct 30. PubMed PMID:24183746.

77: **Sen RK**, Tripathy SK, Manoharan SR, Chakrabarty S. Modified valgus osteotomy of the femoral neck for late presenting femoral neck stress fractures in military recruits. *Indian J Orthop*. 2013 Sep;47(5):510-4. doi: 10.4103/0019-5413.118209. PubMed PMID: 24133313; PubMed Central PMCID: PMC3796926.

78: Gopinathan NR, **Sen RK**, Viswanathan VK, Aggarwal A, Mallikarjun HC, Rajaram Manoharan SR, Sament R, Kumar A. Early, reliable, utilitarian predictive factors for fat embolism syndrome in polytrauma patients. *Indian J Crit Care Med*. 2013 Jan;17(1):38-42. doi: 10.4103/0972-5229.112155. PubMed PMID: 23833475; PubMed Central PMCID: PMC3701396.

79: Tripathy SK, **Sen RK**, Goyal T, Patel S. Femoral head chondrosarcoma causing femoroacetabular impingement in an adult professional football player. *Am J Orthop (Belle Mead NJ)*. 2013 Apr;42(4):E26-9. PubMed PMID: 23630680.

80: **Sen RK**, Tripathy SK, Goyal T, Aggarwal S. Coronal shear fracture of the humeral trochlea. *J Orthop Surg (Hong Kong)*. 2013 Apr;21(1):82-6. PubMed PMID:23629995.

81: **Sen RK**, Gopinathan NR, Tamuk T, Kumar R, Krishnan V, Sament R. Predictors of early outcome in unstable pelvic fractures. *Chin J Traumatol*. 2013;16(2):94-8. PubMed PMID: 23540897.

82: Prakash S, **Sen RK**, Tripathy SK, Sen IM, Sharma RR, Sharma S. Role of interleukin-6 as an early marker of fat embolism syndrome: a clinical study. ClinOrthop Relat Res. 2013 Jul;471(7):2340-6. doi: 10.1007/s11999-013-2869-y. Epub2013 Feb 20. PubMed PMID: 23423626; PubMed Central PMCID: PMC3676609.

2014

83: Tripathy SK, **Sen RK**. Slipped upper femoral epiphysis: Outcome after in situ fixation and capital realignment technique. Indian J Orthop. 2014 Jan;48(1):111. doi: 10.4103/0019-5413.125538. PubMed PMID: 24600074; PubMed Central PMCID:PMC3931142.

84: **Sen RK**, Sud S, Saini G, Rangdal S, Sament R, Bachhal V. Glenoid fossa fractures: Outcome of operative and nonoperative treatment. Indian J Orthop. 2014 Jan;48(1):14-9. doi: 10.4103/0019-5413.125480. PubMed PMID: 24600057; PubMed Central PMCID: PMC3931147.

OTHER INTERNATIONAL JOURNALS

- 1, **Sen RK**, Sharma LR, Thakur S R & Lakhanpal VP: Patellar angle in Osgood Schlatter disease. Orthopaedics Rheumatologist Digest 1990;2,22.
- 2, Shekhar C, **Sen RK**, Nagi ON: Tuberculosis of Ischium. Contemp Surg 1997,50,2:111-113.
- 3, **Sen RK**, Nagi ON: Analysis of bacterial contamination in prediction of infection. Neid lijdsckr Traum 1998 suppl 138 (abstract).
- 4, **Sen RK**, Goni V, Nagi ON: Simultaneous avulsion of tibial tuberosity and patellar apex. The Knee 1998,5: 297-8.
- 5, **Sen RK**, Rajasekhar C, Nagi ON: Simultaneous bilateral iliac dislocation hip joints. Hip International 2004;14:196-198 .
- 6, **Sen RK**, Senthil S, Nagi ON: iliac crest graft in forearm defects. Joint Dis Rel Surg 2005;16(1):36-41.
- 7, **Sen RK**, Nagi ON: comminuted distal femoral fractures at the tip of Intamedullary nail. Jour Trauma 2005;59(2):545 (abstract).
- 8, **Sen RK**, Nagi ON: Torsional deformities in children managed with non-operative treatment. Jour Trauma 2005;59(2):551.(abstract)
- 9, Kumar SK. Gul A, **Sen RK**, Nagi ON: A missed injury in multiple trauma patient—is it avoidable? Eur J Orthop Surg Traumatol, 2006;16:2 ,181-184.

- 10, Gul A, Sambandam [S, Sen RK, Rangaswamy](#) S: Ipsilateral Monteggia fracture dislocation with volar lunate dislocation of wrist :a case report. Eur Jour of Ortho Trauma 2007, [17, 3:1432](#).21,
- 11, Tripathy S, **Sen RK**, Pebam S, Dhatt S: Solitary cysticercosis of deltoid muscle in a child: the diagnostic Dilemma and case report J. Orthopaedics 2009;6(2) e11.
- 12, **Sen R**, Aggarwal S, Gill S: Pipkin Fracture dislocation of the hip. Jour Bone Joint Surg 2,2009;91- B-suppl II: 341.
- 13, **Sen RK**, Mootha AK, Saini R &Kumar V: Segmental Fracture of A Cemented Femoral Stem - A Case Report And Review Of Literature. The Internet Journal of Orthopedic Surgery.13,1: 2009.
- 14, Tripathy S, **Sen RK**, [Agarwal](#) A: Fibular grafting in diaphyseal Gorham's disease: report of two cases and review of literature. Euro Jour of Ortho Surg & Trauma 2009; 19 (7) 485-489.
- 15, **Sen R**, [Tripathy](#) S, [Virk](#) M, [Aggarwal](#) S, [Saini](#) R, [Agarwal](#). A: Traumatic separation of capital femoral epiphysis in children: what has changed since Ratliff's era? Report of five cases and review of literature. Euro Journal of Ortho Surg & Trauma 2010:20;1,29-35.
- 16, [Dhatt](#) S, [Singhal](#) M, [Tripathy](#) SK, [Tahasildar](#) N and **Sen RK**: [Primary hydatidosis of femur: a case report and review of literature](#). European Jour Ortho Trauma 2010, [20,5](#) 401-405
- 17, **Sen RK**, Tripathy SK, Agarwal A, Tamuk: Battered baby with multiple epiphyseal separations: case report and review of literature; European Jour Ortho Trauma 2011, [21, 6](#), 423-427
- 18, Tripathy S, **Sen RK**: Pirogoff Amputation for Foot Trauma: An Unusual Amputation Level: A Case Report. letter to Editor J Bone Joint Surg Am 2010; 92: 2462-2465 letter march 19,2011..

NATIONAL JOURNALS:

1. Dasgupta D, **Sen RK**, Mohan Y, Ahluwalia SK. scent to high altitude and blood pressure. J Assoc Physicians India 1985:33(8),553.

2. Thakur SR, **Sen RK**, Lakhanpal VP. Concomitant fractures of proximal and distal parts in forearm bones. *Quart Jour Surg Sciences* 1987,4,80-2.
3. **Sen RK**, Yadav RS, Sharma LR, Thakur SR, Prakash V, Bacterial consideration in open injuries. *Arch of IGMC* 1987,1(2),54-7
4. **Sen RK**, Verma LP, Thakur SR, Pathak S, Lakhanpal VP. Indicis of bone metabolism in fracture healing. *Arch of IGMC* 1988,2(l),22-7
5. **Sen RK**, Pathak RM, Thakur SR, Lakhanpal VP: Hydroxyproline excretion during fracture healing. *Quart Jour Surg Sciences* 1988,4 8 7-9
6. **Sen RK**, Sharma LR, Thakur SR, Prakash V. Profile of Osgood Schlatter disease. *The Antiseptic* 1988;10.565-87.
7. **Sen RK**, Sharma LR, Thakur SR, Lakhanpal VP:A new Patellar index in Osgood Schlatter disease. *Ind Jour Ortho* 1988:22(l).53-5.
8. **Sen RK**, Thakur SR, Awasthy B, Septillin in compound infected injuries. *Probe* 1989; 28(2) 138-41.
9. **Sen RK**, Sharma LP, Thakur SR, Lakhanpal VP. Fracture Patella in frontal plane. *Ind Jour Ortho* 1989,23(2).188-9.
10. **Sen RK**, Thakur SR, Lakhanpal VP. Sinding Larsen Johansson Disease. *Ind Jour Ortho* 1989,23(2),172-4.
11. **Sen RK**, Thakur SA, Prakash V. Simultaneous dislocation of elbow and proximal radio-ulnar joint with forearm fracture. *Ortho Jour MP Chapter* 1989;4(1),31-32.
12. **Sen RK**, Thakur SR, Yadav RS ,Lakhanpal VP, Sharma LR. Injuries of Talus. *Ind Jour Ortho*. 1990;24(2),232-4.
13. **Sen RK**, VermaLR, Sharma LR, Thakur SR, Lakhanpal VP. Simultaneous fracture of elbow and forearm. *Ind Jour Ortho* 1990; 24(2)- 179-81.
14. **Sen RK**, Sharma LR , Thakur SR, Lakhanpal VP. Extensive Osteolysis following hemiarthroplasty. *Ind Jour Ortho* 1990; 24 (1).103-4.
15. **Sen RK**, Thakur SR, Prakash V, Medially displaced fracture head radius in dislocated elbow. *SDMH Jour* 1990;14((l)),58-60.
16. **Sen RK** ,Thakur SR, Lakhanpal VP. Simultaneous fracture both femoral necks. *Ind Jour Surg*. 1993,55(l),50.
17. Nagi ON, **Sen RK**, Total Knee replacement. *Current Med Jour* 1995,1(6) 55-8.
18. Nagi ON, Dhillon MS, **Sen RK**, Aggarwal A and Goni V A Limited contact dynamic compression plate for long bone fracture. *Bull PGI* 1996,30:113-117.
19. **Sen RK**, Bedi GS, Nagi ON, Injury Severity Scores, *Current Med Jour* 1997,4,47-50.
20. Kaushal M, Chabra MS, **Sen RK**. Management of unstable tibial & diaphyseal fractures by Ext. Fixators. *Med Jour Armed Forces Ind*. 1998;54:319-21.
21. Sen I, **Sen RK**, Injury severity in MVA victims *Asian Arch of Critical Care* 1999: 29,18-22. .

22. **Sen RK**, Awasthy B, Varma LR, Thakur SR. Snow Injuries. Ind J Ortho 1998;33:200-1.
23. **Sen RK**, Goni V, Nagi ON Anatomical factors in elbow dislocations Ind J Ortho 1998;32:79-81.
24. **Sen RK**, Gill SS, Nagi ON. Osgood Schlatter disease in Adults. Bull PGI 1998;32:140-2 .
25. Ram S, **Sen RK**, Nagi ON Osteoporosis-an Orthopaedic Perspective. Current Med Jour 1998,4:7-14.
26. Ram S, **Sen RK**, Nagi ON. Fat Embolism Syndrome-an avoidable evil. Current Med Jour 1998;6:59-62.
27. **Sen RK**, Bedi GS, Banta K, Nagi ON, Effect of Intermediate Medical Intervention in Trauma triage. Bull PGI 1998;32:117-20.
28. **Sen RK**, Nagi ON. Blood Substitutes, Current Med Jour 1998; 7:25-28.
29. Goni VG, **Sen R K**, Nagi ON. Humerus fractures in Arm Wrestlers. Quart J Surg Sciences 34,3-4,85-88, 1998. Nagi ON,
30. Nagi ON. **Sen RK**, Vijay G Goni, HM Prasanna: Plate osteosynthesis in metaphyseal fractures of femur Bull PGI 1999; 33,2,53-56.
31. **Sen RK**, Bajaj RK, Gill SS, Nagi ON. Epidemiology of femoral fractures. Bull PGI 1999;33: 12-15.
32. M Suresh, J Rai, **RK Sen**. Profile of different risk factors in hip fractures. Ind J Ortho 1999;33,20-22.
33. **Sen RK**, Goni V, Vatsayan A, Nagi ON Morbidity pattern in MVA. Asian Arch of Critical Care 1999: 29,1, 7-12.
34. Mohini I, **Sen RK**. Injury severity profile in MVA. Asian Arch of Critical Care 1999:29,29,1,18-22.
35. **Sen RK**, Bajaj RK, Nagi ON, Myositis ossificans due to unusual mode of trauma Ind J Ortho 2000, 34,3,195- 6.
36. **Sen RK**, Nagi ON ,Bone and Joint Decade:2000-2010,Bull PGI 2000,34,126-130.
37. **Sen RK**, Ranganandham AV, Gill SS and Nagi ON An unusual nonbacterial cause of gas in the soft tissue. Bull PGI 2000,34,152-4.
38. Kaushal M, Banta PK, **Sen RK**, Chhabra MS, Bahadur R. Hospital preparedness status in Mass Casualty Management. Ind J Ortho 2000.34,2,112-114.
39. Jain JK, **Sen RK**, Bansal SC, Nagi ON. Image Intensifier and Orthopaedic Surgeon Ind J Ortho 2001,35(2),13-19.
40. Kaushal M, Chhabra MS, **Sen RK**, Rajbhadur. Biomechanical considerations in applications of unilateral external fixators.Ind J Orth 2001, 35(2),34-36.
41. **Sen RK**, Bajaj RK, Nagi ON, Intra cortical foreign body fibula presenting as chronic osteomyelitis. Ind J Ortho 2001:35;
42. **Sen RK**, Nagi ON. Anterior fractures of Acetabulum Ind J Orth 2002,36(1),22-24.
43. Nagi ON, Batra YK, Sen RK, Goni VG, Chandramouli B: hemodynamic changes in unilateral or bilateral TKR Ind J Orthop. 2001: 31, 31-36
44. Nagi ON, Aggarwal S, **Sen RK** and Goni V. Total shoulder Arthroplasty. Bull PGI 2003;36:130-7.

45. Nagi ON, Senthil Kumar, **R K Sen**, Y K Batra. Post Operative reinfusion of unwashed filtered drainage blood in total knee replacement. *Ind Journal Orthopaedics* 37,4, 2003, 252-6.
46. **Sen RK**, Karim F, Nagi ON. Open pelvic fractures *Bulletin PGI* 2004,21-4.
47. **Sen RK**, Satpathy JA, Aggarwal S, Nagi ON, Orthopaedic Trauma surgeon and HIV. *Ind J Orth* 2005;39;75-80.
48. Sharma SK, Vati J, Walia I, **Sen R**. Prevalence of pin site infection among patients with external skeletal fixation. *Nursing & Midwifery Research Journal* 2005,1(2),124-130
49. Medhi B, Sigh PK, Prakash A, **Sen R**, Wadhwa S. Diacerein: A new Disease Modulating Agent in osteoarthritis *IJPMR* Oct 2007;18(2):48-52.
50. **Sen R K**, Recent advances in Orthopaedics & Traumatology. *Patna J Med* 2009,82, 61-65 .
51. Sujit Kumar Tripathy, **Ramesh Kumar Sen**, Pebam Sudes, Sarvdeep Dhatt Solitary Cysticercosis Of Deltoid Muscle In A Child: The Diagnostic Dilemma And Case Report, *J Orthopaedics* 2009;6(2)e11.
52. **Sen RK**, Aggarwal S, Tripathy S, Dhatt S, Seetharam MR, Mootha AK Hypoxaemia and arterial fat globulinaemia as indicators of Fat embolism syndrome in isolated fractures of femoral shaft. *Bull PGI* 2009;43,1:19-23.
53. **Sen RK**, Pelvic fracture in women *Int Journal Gynae plast surgery*,2009;1;139.
54. Medhi B, Prasad Byrav D S, Deonis X, Prakash A, **Sen R**, Wadhwa S. Constipation and Arthritis: is there any correlation? An observational study. *Ind J Phys Med & Rehab* 2009(Oct); 20 (2):
55. Chaudhary S, Singh D, **Sen R**, Deviraju C, Bhagwat K. Osteosarcoma Of Calcaneum A Case Series Of Rare Tumour Presenting A Diagnostic Dilemma . *WebmedCentral ORTHOPAEDICS*2010; 1(12):WMC001273
56. Dhatt S , **Sen R** , Tripathy S , Goyal T . Hypertrophic Pubic Ramus Nonunion: Does Conservative Treatment Helpful? . *WebmedCentral ORTHOPAEDICS* 2010;1(11): WMC001158
57. Singh D, Chaudhary S, **Sen R**, Saini U. Desmoplastic Fibroma Of Proximal Femur - Surgical Reconstruction. A Case Report And A Brief Review Of Management . *Webmed Central ORTHOPAEDICS* 2010;1(11):WMC001242
58. Chaudhary S, Singh D, **Sen R**. Chondrosarcoma Of Distal Radius- A Case Report and Brief Review Of Literature. . *WebmedCentral ORTHOPAEDICS* 2010;1(12):WMC001274
59. Tripathy S , **Sen R** , Dhatt S , Goyal T . Legg-calve-perthes Disease Current Concepts .*Webmed Central ORTHOPAEDICS* 2010;1(11):WMC001173
60. Hampannavar AS, Tripathy S , **Sen R** , Akkina N , Sharma A . Pagets Disease Of Humerus Presenting With Recurrent Fractures: A Case Report. . *WebmedCentral ORTHOPAEDICS*2011 ;2(3):WMC001622
61. Bansal CS, Goswami N, Rai DV, **Sen R**, Khandelwal N. Designing a reference phantom to calibrate DEXA and QCT scanners. *Jour Pharmaceuticals and Biomedical Sciences* 2011,9(15)
62. Bansal SC, Khandelwal N, Rai DV, **Sen R**, Bhadada SK, Sharma KA, Goswami N, Comparison between the QCT and the DEXA Scanners in the evaluation of BMD in the lumbar spine. *Journal of clinical and Diagnostic Research* 2011,5(4):694-99.

63. Bansal SC, Khandelwal N, **Sen R**, Rai DV, Bhadada SK, Goswami N, Sharma KA. Correlation between biochemical Bone Markers and bone mineral density in the evaluation of Osteoporosis. Jour Pharmacy & Res 2011,4(8),2853-55.

CHAPTER IN BOOKS

- 1, **Sen RK**, Karim F, Nagi ON. Open pelvic fractures CME book of IOA 2002,21-442
- 2, **Nagi ON**, Dhillon MS, **Sen R** & Goni V planning of trauma team for management of Disaster in Disaster Management Eds. SL Goel, Ram Kumar; Deep and Deep publications ISBN 81-7629-349-0 year 2001
- 3, **Nagi ON**, **Sen R K**. Total Knee Arthroplasty, Chapter in IOA Text Book of Orthopaedics Jaypee publ. 3693-3731,1998
- 4, **Sen RK**, Complications in pelvic fractures CME book of IOA 2007,59-70.
- 5, **Sen RK**, Krishna Aditya, Neglected trochanteric fractures Dr K T Dholkia CME book of IOA 2009,67-69.
- 6, **Sen RK**, Sujit Tripathy . Pipkin fractures Advances in hip trauma. Elsevier publ.
- 7, **Sen RK**, Radiology of acetabular Fractures. Ed. Maini L, 2009, New Delhi, pp 20-24.
- 8, **Sen RK**, Babhulkar S, Krishna A, neglected knee injuries Chapter book 'Neglected Trauma' Jaypee publ eds Anil Jain 2010, pp 268-286.
- 9, **Sen RK**, Dhatt Sarvdeep , Pelvic fractures . chapter in Book 'Emergency room management'.
- 10, **Sen RK**, Bhagwat K, Scapula fractures complications and prevention CME book IOA 2012.

TEACHING AND TRAINING EXPERIENCE

PhD THESIS GUIDE AS MAIN GUIDE

Sr. no	Name	Degree/ Year	Name of thesis/Dissertation
1	Aditya Aggarwal	PhD	Role of Platelet get in nonunion long bone

MS THESIS GUIDED AS MAIN GUIDE

Sr. no	Name	Degree/ Year	Name of thesis/Dissertation
1.	Vikas Mandial	June, 01	Acetabulum fractures outcome analysis in relation to fracture morphology
2.	Faizal Kareem	June, 02	Analysis of Pelvic fracture Morphology and correlation with its associated complications
3.	Awadhesh Kumar Pandey	June , 03	The role of arthroscopic aided release of contractures in posttraumatic and post operative stiff knees
5.	Raghav Saini	June, 04	Profile Of Sacral Fractures and their functional outcome
4.	Lokesh A.V.	Dec ,04	Outcome Analysis in Pelvi-Acetabular Trauma
6.	Rishi Mugesh Kanna. P	June ,05	Analysis of preoperative variables in the surgical management of fracture acetabulum
7.	Tajir Tamuk	June , 05	Analysis of variables in management of unstable pelvic fractures
8	Mallikarjun	Dec 05	Analysis of variables for Fat embolism syndrome in femur fractures
9	Nirmal Raj. G	June 06	Fat embolism syndrome as a complication of post traumatic shock in polytrauma patients
10	Anil Partap. R	June 06	To study the effects of surgical stabilization of femur during active phase of fat embolism syndrome
11	Sandeep kashyap	Dec 06	Traumatic dislocation and fracture dislocation hip: retrospective follow up study
12	Lalit Kumar	June 07	Early diagnosis of avascular necrosis using MRI and nuclear scan in post traumatic posterior dislocation of hip
13	Amit kumar Agarwal	June 08	Role of inhalational steroids in prophylaxis of post traumatic hypoxemia and FES
14	Vibhu	june 2009	Prevention of FES using Intravenous steroids in high risk trauma patients
15	Amit Kuma	dec 2009	Risk of venous thromboembolism in postoperative case of pelvi-acetabular injury among Indian population
16	Chenthuran D	june 2010	Outcome of core decompression in early stage osteonecrosis of hip post traumatic Vs non traumatic
17	Jagdeesh	dec 2010	Development of new hip score

18	shivaprakash	Dec 2011	Interlukin 6 in prediction of FES
19	Umesh Meena	June 2012	Functional outcome in acetabulum fractures
20	vikas	Dec 2012	Functional outcome in pelvic fractures
21	Harsha	June 2013	Epidemiology of AVN
22	Parsoon	Dec 2013	THR outcome analysis in routine Hips
23	Ranjan	June 2013	Validation of KOOS

PhD/MS /MD/MCh/DNB/MHA/MSc THESIS GUIDED AS CO GUIDE

no	Name	Degree	Name of thesis/Dissertation
1.	Suresh Molathoti	M.S.ortho June, 95	Profile of different risk factors in hip fractures
2.	Salil Saha	M.S.ortho Dec, 95	Profile of indices for diagnosis of hip infection in children
3.	Parsanna H.M.	M.S. ortho Dec, 95	Study of management of femoral shaft fractures with limited contact dynamic compression plate (LC-DCP)
4.	Chandramoull B	M.S.ortho Dec, 96	Comparative evaluation of safety profile in unilateral and simultaneous bilateral total knee arthroplasty
5.	Mohinder kaushal	DNB ortho. Feb , 96	Management of unstable tibial diphyseal fractures by external fixation
6.	A.V. R . Mohan	M.S.ortho June ,96	Acute osteomyelitis in children – a profile
7.	Ravindra Puttaswamaiah	M.S.ortho June, 98	Assessment of torsional deformities after fractures of the femoral shaft in paediatric age group
8.	Jyoti Jagdish M.	M.Ch Plastic surgery 2000	Assessment of Zone of Trauma in high velocity extremity injuries
10.	Mandeep Singh Virk	M.S.ortho June, 03	Arthroscopic assisted osteosynthesis of selected tibial plateau fractures
11.	R.Senthil Kumar	M.S.ortho Dec, 03	Functional out come of hip abductors following DHS trochanter stabilising plate for unstable inter trochanteric fractures
12.	Prabhudev Parsad A.P.	M.S.ortho June ,04	Functional radiological and anthropometric assessment and their correlation in club feet treated with posteromedial soft tissue release
13.	S.Karunagaran	M.S.ortho Dec, 04	Evaluation of the role combined soft tissue release and ilizarovs external fixator in the management of released and neglected cases of club foot in the age of 4-16 years
14	Sandeep K.Kalia	M.S.ortho June, 05	Evaluation of short term outcome in fracture of distal third femur using distal femoral nail

15	Ashok Thomas	M.S.ortho Dec, 05	Evaluation of ponseti method in the treatment of idiopathic club foot (CTEB) previously treated by non operative methods
16	Manish Pruthi	M.S.ortho June,06	Evaluation of ponseti method of manipulation and casting in patients with idiopathic congenital club foot
17	Arun Kumar Sharma	M.S.ortho Dec, 06	Dome osteotomy in cubitus varus short term post operative follow up
18	Lt Col Dipankar Ojha	M.H.A. March ,08	An evaluation of disaster preparedness of the hospital attached to the postgraduate institute of medical education and research ,(PGIMER) chandigarh
19	Sandeep Kumar Arora	PhD 2008	Exploiting single chain variable fragment(scFv) antibodies for development of precursor technologies to use as an immunodiagnostic test for human leucocyte antigen-B-27(HLA-B27)
20	Emal Wardak	M S ortho june 08	Role of MRI in detecting early physeal changes due to acute osteoarticular Infection around the knee joint
21	Harisankar C.N.B	MD Nuc. Med dec 09	Role of hybrid spect/ct in characterising bone lesions in patients with low back pain