

CURRICULUM VITAE

NAME :: SACHIN AVASTHI regd no44836/21/04/2001

FATHER'S NAME :: SRI RAM KUMAR AVASTHI

MOTHER'S NAME :: SMT. PRABHA AVASTHI

DATE OF BIRTH :: 03- 07- 1978

SEX :: MALE

MARITAL STATUS :: MARRIED

PERMANENT ADDRESS :: 255 / 395 , KUNDRI RAKABGANJ , NEAR
TIKONA PARK , LUCKNOW . PIN :-226004

MAILING ADDRESS :: 255 / 395 , KUNDRI RAKABGANJ , NEAR
TIKONA PARK , LUCKNOW . PIN :-226004

NATIONALITY :: INDIAN

RELIGION :: HINDU

TELEPHONE NO. :: 0522-2252361 [R] , 92355-63688 [M]

QUALIFICATION :: M.S. [ORTHOPAEDICS] , PhD

ACADEMIC RECORDS ::

Degree/certificate	Year	Institute	Percentage	Remarks
High School	1992	City Montessori High School , Rajendra Nagar , Lucknow .	86.33%	Distinction in all subjects 4 TH rank in U.P. board merit list
Intermediate	1994	Mahanagar Boys's Inter College , Lucknow .	85.4%	Distinction in all subjects 3 RD rank in U.P. board merit list

M.B.B.S.

1 ST Professional	1996	Maulana Azad Medical College , New Delhi .	70.3%	Distinction call in Biochemistry
2 ND Professional	1998	Maulana Azad Medical College , New Delhi .	66.3%	Distinction call in Pharmacology
3 RD Professional	1999	Maulana Azad Medical College , New Delhi .	63.7%	*1 ST prize of NCT of Delhi for MEDICINE *2 nd prize of NCT of Delhi for PSM *2 nd prize of NCT of Delhi for ENT * Won college round of Indian Academy Of Paediatrics quiz and got 2 ND position in divisional round .

M.S. [ORTHOPAEDICS]

M.S.	2004	King George's Medical College , Lucknow .	Passed in first attempt	B.N.SINHA GOLD MEDAL AWARD , WON IInd PRIZE IN UPCHAPTER ORTHO QUIZ 2004 .
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PhD (Orthopaedics)

PhD Orthopaedics	2012	King George's Medical University, Lucknow	Detection of Single nucleotide Polymorphism (SNPs) in CALM-1 gene in osteoarthritis of Knee and correlation with clinicoradiological profile.
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SCIENTIFIC PUBLICATIONS :-108

JOURNAL PUBLICATIONS :- 35

International Publications:- 12

1) **Sachin Avasthi**, R.N.Srivastava, Ajai Singh, Manoj Srivastava. Stem Cell , Past, Present And Future- A Review Article. Internet Journal of Medical Update (Jan-Jun 2008); Vol. 3, no.1, 22-30.

2) D.Sanghi, **S.Avasthi**, R.N.Srivastava, A.Singh. Nutritional factors and Osteoarthritis: a review article. IJMU, Jan-Jun 2009. Vol.4, No.1, 42-53.

3] S.Tripathi, **S.Avasthi**. Weissmann Netters Syndrome: a rare form of skeletal dysplasia. Internet journal of medical update, Vol 4, No. 2, July-December 2009.

4] GK Singh, MP Singh, **Sachin Avasthi**, Pravin Nepal, Bikram Prasad Shrestha. Managing injury burden in Nepal. Clinical Orthopaedics and Related Research. Manuscript ID: CORR 07-01017R1.

5] A. Swaroop, **S. Avasthi**, M. Yadav, S. Kumar, A. Bharti & G. Sengar : Assessment Of Results Of Open Arthrolysis In Post Traumatic Stiff Elbows. The Internet Journal of Orthopedic Surgery. 2009 Volume 11 Number 2

6] Ajai Bharti, **Sachin Avasthi**, Kapil Solanki, SanjayKumar, Anand Swaroop and G. K. Sengar. Clinical assesment of functional outcome in lateral epicondylitis managed by local infiltration of autologous blood. IJMU Vol 5, No. 1, January 2010.

7] **S. Avasthi**, D. Sanghi, A. Singh, A. Kumar, S. Kumar, A. Misra & R.N. Srivastava : Significance of clinical parameters and role of clinical scoring systems in predicting severity of primary osteoarthritis knee. The Internet Journal of Orthopedic Surgery. 2009 Volume 13 Number 1.

8] **S.Avasthi**, A.Mishra, D.sanghi, A.Singh, R.Parihar, P.Kumar, S.Ganesh, R.N.Srivastava. Association of single nucleotide polymorphism (SNP) of CALM-1 gene with osteoarthritis of the knee in Indian population: a case control study. Internet Journal of Medical Update 2012 January;7(1):19-26

9] Divya Sanghi, **Sachin Avasthi**, Abhishek Mishra, Ajai Singh, Sarita Agarwal, RN Srivastava. Is radiology a determinant of pain, stiffness and functional disability in knee Osteoarthritis? - A cross sectional study?. Journal of Orthopaedic Science 2011; Volume 16 No.6. DOI 10.1007/s00776-011-0147-y

10] A.Mishra, D.Sanghi, A.C.Sharma, S.Raj, S.S.Maurya, **S.Avasthi**, A.Singh, D.Parmar, R.N.Srivastava. Association of polymorphism in growth and differentiation factor 5 gene with osteoarthritis knee; American Journal of Biochemistry and Biotechnology, 2013, 9(1), 1-7.

11] V.Kumar, A.Singh, R.N.Srivastava, **S.Avasthi**, A.Bharti. New radiological parameters to evaluate the Clinico-radiological profile of primary Osteoarthritis knee. International journal of medicine and applied sciences; Vol.2, issue 3, 2013, 167-178.

12] Sarvajeet Pal, Sreedhar Thuppal, K.J.Reddy, **Sachin Avasthi**, Anish Agarwal, Himanshu Bansal, Senthilnathan Mohanasundaram and Francois Bailleul. Long term (1 year) safety and efficacy of a single 6-ml injection of Hylan G-F in Indian patients with symptomatic knee osteoarthritis; The Open Rheumatology Journal, 2014, 8, 54-68

National publications:- 23

1] **S.Avasthi**, Sharma V.D., Srivastava R.N., Kumar P. Role of Decompression with Instrumentation in Pott's Paraplegia. JBJD 2004, Vol.20, 40-43.

2] Kumar A. , Kumar S. , **Avasthi S**. Tenosynovial Giant Cell Tumour – A Case Report . JBJD 2004, Vol. 20, 87.

3] **Avasthi S** . , Arora G. , Kumar A. Evaluation Of Collagen Granules / Sheets For Treatment Of Bed Sores In Spinal Cord Injury Patients. Indian Journal Of Bioresearch Jun 2004, vol. 56, no. 1, 56-59.

4] Singh A , **Avasthi S**. Role Of Fitness In Preventing Sports Related Overuse Injuries Journal Of Physiology 2005, Vol. V, 35-36

5] Kumar A., Singh A. , **Avasthi S**. Chondroblastoma Talus –A Rare Entity- A Case Report. Orthopaedic Journal Of Mp Chapter 2005, Vol.14, No. 2, 56-57.

6] Ashish K., **Avasthi S** . , Kumar P. , Arora G. Comprehensive Analysis Of Role Of Steroids In Arthritis : A Case Study Of 64 Patients. Journal Of Internal Medicine Of India, Mar 2005, Vol.8, No.1, 8-10.

7] Singh A., **Avasthi S**. Male Osteoporosis: - Current And Future Options. Journal Of Internal Medicine Of India, June 2005, Vol.8, No.2, June 2005, 43-45

8] A.Singh , **S.Avasthi**, M Jah, S.Anand, A. Jain. A New Calcaneal Functional Outcome Scoring System (CFOSS): Evaluation Of Comminuted Intraarticular Fractures Of

Calcaneum Managed By Ligamentotaxis. The Journal Of Foot And Ankle Surgery, Jul 2006., Vol. 21, Number 1,42-49.

9] **Avasthi S.** , Athar M. , Srivastava M. , Kumar A. Primary Osteosarcoma Of Rib- A Rare Case Report. Journal Of Bone And Joint Diseases, Dec.2006, Vol.22, 94.

10] A. Singh, **S. Avasthi**, RP Singh. Restless Leg Syndrome: Should We Consider It As A Differential Diagnosis? Observation On 10 Patients. Journal Of Internal Medicine Of India, Volume 9, No.2, June 2006, 41-44.

11] RN Srivastava, **S. Avasthi**, A.Singh, S.Ganesh. Genetic basis of Osteoarthritis. JIMI (June 2007); vol. 10, No.2, 26-34.

12] Kumar S, Vendhan G.V., **Avasthi S.**, Tiwari M., Sharma V.P. Relationship between fear of falling, balance impairment and functional mobility in community dwelling elderly. Indian Journal of Physical Medicine and Rehabilitation.2008 Oct; 19(2): 48-52.

13] A. Swaroop, A. Dubey, **S.Avasthi**, A.Bharti, G.K.Sengar, S.Kumar. Role of Biological plating in management of comminuted fracture of long bones: a two year prospective study. JBJD; Vol.24, Jan 2009, 46-50.

14] R.Nath, G.K.Sengar, A.K.Gupta, **S.Avasthi**, H.Singh, R.Nath 2. Evaluation of role of epidural steroid injection on outcome variables in secondary lumbar canal stenosis. JBJD; Vol. 24, Jan.2009, 79-82.

15] G.K.Sengar, **S.Avasthi**, R.Kumar, R.Nath, A.K.Gupta, A.Bharti, S.Kumar. Comparative analysis of outcome of distal femoral fractures managed by supracondylar nail / plate: a two year follow up study. JBJD; Vol. 24, Jan.2009, 42-45.

16] R.Ranjan, A.K.Gupta, R.Nath, G.K.Sengar, A.Swaroop, **S.Avasthi**. Three year follow up study to depict the fate of hydroxyapatite crystals used as bone graft substitute in benign lytic lesion of long bone – a preliminary study. JBJD; Vol. 24, Jan.2009, 71-74.

17] A.K.Gupta, K.P.Srivastava, **S.Avasthi**. Pulsed electromagnetic stimulation in nonunion of tibial diaphyseal fractures. IJO Apr-Jun 2009; Vol.43, issue 2, 156-160.

18] A.K.Gupta, **S.Avasthi**, S.Mittal, K.Mariappan. A case report of Macrodystrophia lipomatosa: Radiological diagnosis and reconstructive approach. JBJD; vol. 25. Jan 2010, 77-79.

19] Kumar A., Singh A., Sivastava R.N., **Avasthi S.**, Kumar D. Results of bipolar hip arthroplasty in active elderly patients – a short term study. The Journal of Orthopaedics, Vol.2, No. 1, 2010.

20] Kumar A., Singh A., Sivastava R.N., **Avasthi S.** Solitary osteochondroma of rib – a case report. The Journal of Orthopaedics, Vol.2, No. 1, 2010.

21] Anand Swaroop, Ajay Dubey, **Sachin Avasthi**, Ajai Bharti, G.K.Sengar, Sanjay Kumar. Role of biological plating in management of comminuted fracture of long bone: a two year prospective study. JBJD, Jan 2011, vol. 26; 11-16.

22] A.Bharti, R.Shahi, S.Kumar, **S.Avasthi**, V.Kumar, S.Kiran. Assessment of interferential therapy in frozen shoulder; JBJD, vol.28, Jan 2013, 49-53.

23] A.Bharti, G.K.Sengar, S.Kumar, **S.Avasthi**, V.Kumar. Role of fasciocutaneous flap in prevention of complications and commencement of definitive management in open fractures of long bones; JBJD, vol.28, Jan 2013, 13-17.

ABSTRACT PUBLICATION AND SCIENTIFIC PRESENTATIONS :-68

1] Frozen Shoulder – A Comparative Analysis Of Conservative And Interventional Modalities Of Treatment.

Sachin Avasthi, U.K.Jain, Ashish Mahendra, Ashish Kumar , Santosh Kumar.
Abs Book ; Ioacon2003.

2] Chondroblastoma Talus – A Rare Entity – A Case Report

Sachin Avasthi, Darpan Govil , Mudit Khanna , Ashish Kumar , R.N.Srivastava , V.D.Sharma
Souv. Upcon 2004.

3] Myositis Ossificans Circumscripta: A Rare Report

Mudit Khanna, Sachin Avasthi , Darpan Govil, Saurabh Agarwal , Santosh Kumar, O.P.Singh
Souv. Upcon 2004 .

4] A Rare Variant Of Central Fracture Dislocation: A Case Report

Darpan Govil , Sachin Avasthi , Mudit Khanna , Ashish Kumar , Vineet Sharma , O.P.Singh .
Souv. Upcon 2004..

5] How To Minimise Failures Of Fixation Of Unstable Trochanteric Fractures – A Prospective And Retrospective Study Of 60 Trochanteric Fractures

Mudit Khanna , Sachin Avasthi , Darpan Govil , Santosh Kumar , Ashish Kumar , Vineet Sharma .
Souv. Upcon , 2004 .

6] Correction Of Complex Knee Deformities- A Semi Invasive Approach.

Sachin Avasthi , Mudit Khanna , Ashish Mahendra , R.N.Srivastava , V.D.Sharma .

Souv. Upcon 2004.

7] Frozen Shoulder – A Case Series Of 169 Shoulders: Disease , Management And Outcome

Sachin Avasthi, Darpan Govil , Mudit Khanna , Ashish Mahendra , Ashish Kumar , Vineet Sharma , V.D.Sharma .

Souv. Upcon 2004.

8] Role Of Ultrasound In Diagnosis Of Fracture Ribs .

Sachin Avasthi , Pradeep Kumar , Shalini Tripathi , Gulshan Kapoor .

Abs. Book, Ioacon 2004 .

9] Retrograde Analysis Of Gamma Nail And Proximal Femoral Nail Fixation In Intertrochanteric Fractures With Ipsilateral Fracture Shaft Femur.

Ashish Kumar, Sachin Avasthi , Gautam Arora .

Abs. Book, Ioacon , 2004 .

10] Arthroscopic Capsular Release – Pros And Cons – An Indian Perspective

Sachin Avasthi, Ashish Mahendra , Ashish Kumar .

Souv. Upcon 2005

11] Hemireplacement Arthroplasty In Comminuted Fracture Intertrochanteric Femur.

Ashish Kumar , Santosh Kumar , Sachin Avasthi , Gautam Arora .

Souv . Upcon 2005.

12] Role Of Pre And Post Game Meal To Avoid Overuse Sports Related Injuries – An Overview.

Ajai Singh, Sachin Avasthi .

Souv. Upcon 2005.

13] External Fixation For Phalangeal And Metacarpal Injuries – A Case Study Of 54 Patients.

Moazzam Jah , Ajai Singh , Sachin Avasthi .

Souv. Upcon 2005.

14] Lytic Lesion Patella – A Case Report

R.N.Srivastava , V.D.Sharma , Sachin Avasthi , Gautam Arora .

Souv. Upcon 2005.

15] Is Gamma Nail / Proximal Femoral Nail A Better Option For Comminuted Fracture Intertrochanteric Femur.

Gautam Arora, Sachin Avasthi , Ashish Kumar .

Souv. Upcon 2005.

16] Management Of Comminuted Intraarticular Fractures Of Calcaneum By Application Of Jess.

Ajai Singh, S.Awasthi , A.Jain , M.Jah
Souv. IFSCON 2005

17] Functional Outcome Of Fractures Of Proximal Humerus Managed By Jess
Application Verses Conservative Methods
Kumar A. , Ghoota H. , Srivastava R.N. ,Singh A., Santosh K. , Sharma V.D. , Avasthi S.
Souv IOACON 2005, PP-100, 390

18] Management Of Comminuted Intraarticular Fractures Of Calcaneum By Jess
Application
Jain A., Singh A., Ashish K., Awasthi S., Rao P.T.
Souv IOACON 2005, TR-44, 270

19] Management Of Comminuted Fractures Of Upper End Of Humerus By External
Fixator: A New Concept
Ajai Singh, Ashish Kumar, M.Jah, S.Awasthi
Souv UPCON 2006, 57
[The paper was awarded president's medal]

20] Antegrade And Retrograde Analysis Of Closed / Open Interlocking Nail In
Management Of Complicated Diaphyseal Fractures Of Humerus
Arvind Kumar, Sachin Awasthi , Anurag Shukla, Gautam Arora, Ajai Singh,
V.D.Sharma, U.K.Jain.
Souv UPCON 2006, 69

21] A Randomized Comparision Of Role Of Proximal Femoral Nail And Gamma Nail In
Comminuted Intertrochanteric Fractures
Gautam Arora, Sachin Avasthi, Ashish Kumar, V.D.Sharma
Souv UPCON 2006, 77

22] New Era Of Dmoads – Disease Modifying Osteoarthritic Drugs
Sachin Avasthi , Gautam Arora , Ajai Singh , Ashish Kumar
Souv UPCON 2006, 82.

23] Retrospective And Prospective Study Of The Infected Diaphyseal Nonunion
Managed By Ilizarov External Ring Fixator Application
sachin avasthi , santosh kumar
Souv78 IOACON /OR/IL/004/2006, FP-09,95.

24] Painful Swelling Bilateral Forearm Cause Pseudofracture Bilateral Ulna; A Case
Report
sachin avasthi , ajai singh , arvind kumar
Souv. IOACON/PO/MB/003/2006, PBNo.2, 380

25] Nanotechnology And Joint Cartilage
sachin avasthi , ajai singh

Souv . UPCON 2007.

- 26] Gene Therapy: an overview
Sachin Avasthi, R.N.Srivastava, Ajai Singh
Souv IOACON 2007.
- 26] Gene therapy: a futuristic presentation according to present knowledge
Sachin Avasthi, R.N.Srivastava, Ajai Singh
Souv. UPCON 2008 (**Accepted for Presidents Medal**)
- 27) Analysis of role of JESS in management of complex fractures of proximal humerus: a prospective study.
OP Gupta, A.Singh, S.Avasthi,
Souv. IOACON 2008, pg 6. (Accepted for DP Bakshi Gold Medal)
- 28) Outcome analysis and intercomparision of VAS, DASH and Constant shoulder scor in patients of frozen shoulder: a five year follow up study.
S.Avasthi, RN Srivastava, OP Gupta.
Souv. IOACON 2008, pg 8. (Accepted for DP Bakshi Gold Medal)
- 29) Comparative analysis of biological plating and conventional plating in management of comminuted fractures of long bones : a 2 year follow up study.
A.Dubey, S.Avasthi, S.Kumar, A.Bharti, G.K.Sengar, A.Swaroop.
Souv. UPCON 2009.
- 30) Giant cell tumour of tendon sheath (Nodular Tenosynovitis) a case series of 8 cases.
G.Joshi, S. Avasthi, S.Kumar, A.Swaroop.
Souv. UPCON 2009. (Adjudged to be the best poster of the conference)
- 31) Templating requirement in high tibial osteotomy for osteoarthritis knee.
K.Mishra, S.Avasthi, S.Kumar, A.Bharti, R.Nath, A.Swaroop.
Souv. UPCON 2009.
- 32) Assesment of open arthrolysis in post traumatic stiff elbow.
M.Yadav, A.Swaroop, S.Avasthi, G.K.Sengar.
Souv. UPCON 2009.
- 33) Comparative analysis of outcome of distal femoral fractures managed by supracondylar nail / plate: a 2 year follow up study.
R.Kumar, G.K.Sengar, A.Swaroop, S.Avasthi, R.Nath, A.K.Gupta, A.Bharti, S.Kumar.
Souv. UPCON 2009.
- 34) Three year follow up study to depict the fate of hydroxyapatite crystals used as bone graft substitute in benign lytic lesion of long bones: a preliminary study.
R.Ranjan, S.Avasthi, A.Bharti, A.Swaroop, R.Nath, G.K.Sengar, A.K.gupta.

Souv. UPCON 2009.

- 35) Evaluation of role of epidural steroid injection on outcome variable in secondary degenerative lumbar canal stenosis.
S.Harpreet, R.Nath, A.Swaroop, G.K.Sengar, A.K.Gupta, A.Bharti, S.Avasthi
Souv. UPCON 2009.
- 36) Role of bridge plating in management of comminuted fracture of long bones.
A.Dubey, S.Avasthi, S.Kumar, A.Bharti, G.K.Sengar, A.Swaroop.
Souv. UPCON 2009.
- 37) A large sessile osteochondroma of proximal end femur in a 15 year old female with multiple exostosis A rare case report.
S.Harpreet, S.Avasthi, G.K.Sengar, A.Swaroop.
Souv. UPCON 2009.
- 38) Pseudoarthrosis in a child of osteogenesis imperfecta : a rare case report.
K.Mishra, S.Avasthi, S.Kumar, A.Swaroop.
Souv. UPCON 2009.
- 39) An innovative surgical approach for elbow arthrolysis.
M.K.Yadav, A.Swaroop, S.Avasthi, G.K.Sengar.
Souv. UPCON 2009.
- 40) Outcome analysis of fracture proximal end humerus managed by different modalities.
OP Gupta, A.Singh, S.Avasthi, N.Kushwaha.
Souv. UPCON 2009.
- 41) Nodular fasciitis a rare cause of bony swelling: a case report.
R.Kumar, G.K.Sengar, A.Swaroop, S.Avasthi, R.Nath, A.K.Gupta, A.Bharti,
S.Kumar.
Souv. UPCON 2009.
- 42) Osteomyelitis of the clavicle : a case report.
R.Ranjan, S.Avasthi, A.Bharti, S.Kumar, A.K.Gupta, R.Nath, G.K.Sengar,
A.Swaroop.
Souv. UPCON 2009.
- 43) Calcaneal exostosis a rare case report
S. Waliullah, OP Gupta, S.Avasthi, R.N.Srivastava.
Souv. UPCON 2009.
- 44) Macrodystrophia lipomatosa – a rare congenital disorder.
S.K.Verma, A.Dubey, S.Avasthi, S.Kumar, A.Bharti, G.K.Sengar, A.Swaroop.
Souv. UPCON 2009.

- 45) Exploration of human genome for detection of genetic changes in causation of osteoarthritis knee: a case control study
S.Avasthi, R.N.Srivastava, A.Singh
Souv. IOACON2009, 43. (Accepted for R.C.Rallan Gold medal session)
- 46) Rerouting of ipsilateral gracilis tendon for ruptured patellar tendon in Rheumatoid knee during TKR.
S.Kumar, S.Avasthi, A.Swaroop
Souv. IOACON 2009, 116.
- 47) 5 year follow up study of high tibial osteotomy in osteoarthritis knee in Indian population.
A.Swaroop, S.Avasthi, S.Kumar, K.Mishra
Souv IOACON 2009, 117. (Accepted for KT Dholakia gold medal session)
- 48) Paediatric DHS for subtrochanteric fracture of femur in a child with osteopetrosis.
S.C.Mayi, S.Avasthi, S.Kumar, A.Swaroop, AK Gupta, A.Bharti
Souv UPCON 2010, 36. (Awarded best poster gold medal)
- 49) An evaluation of functional results of unstable trochanteric fractures with different modalities of surgical management.
S.C.mayi, G.K.Sengar, S.Avasthi, A.Swaroop, AK Gupta, R.nath.
Souv UPCON 2010, 37.
- 50) Minimal invasive treatment of extraarticular distal tibial fractures: a case series.
M.Gupta, S.Avasthi, S.Kumar, A.Bharti, A.Swaroop, AK Gupta.
Souv UPCON 2010, 37.
- 51) Two year follow up study to evaluate the role of proximal femoral nailing in unstable intertrochanteric fractures of femur.
SK Verma, A.Swaroop, A.Bharti, S.Avasthi, S.Kumar, AK Gupta
Souv UPCON 2010, 38.
- 52) Comparative analysis of conservative and operative modality of treatment in closed comminuted fracture calcaneum.
DK Pandey, S.Kumar, S.Avasthi, A.Bharti, A.Swaroop, AK Gupta
Souv UPCON 2010, 39.
- 53) Management of closed segmental fracture shaft humerus in post polio residual paralytic limb.
SP Singh, S.Avasthi, S.Kumar, A.Bharti, A.Swaroop, AK Gupta
Souv UPCON 2010, 40.
- 54) Diagnostic dilemma in phalangeal tuberculous periosteitis: a case series.
RK Khanna, S.Avasthi, S.Kumar, A.Bharti, A.Swaroop, AK Gupta
Souv UPCON 2010, 41.

- 55) Bicondylar fracture of distal end femur in coronal plane- a rare case report
K.Mishra, A.Swaroop, S.Avasthi, S.Kumar, A.Bharti, AK Gupta
Souv UPCON 2010, 51.
- 56) Customized long retrograde femoral nailing for failed locking compression plate in a segmental shaft femur fracture: a case report
S.Kumar, S.Avasthi, S.Kumar, A.Bharti, A.Bharti, A.Swaroop, AK Gupta
Souv UPCON 2010, 52.
- 57) Outcome variables of intraarticular fracture distal end radius managed by different modalities: a case series of 49 patients.
R.Kumar, S.Avasthi, S.Kumar, A.Bharti, A.Swaroop, AK Gupta
Souv UPCON 2010, 56
- 58) Rationale and short term results of Gender knee prosthesis: a case series
H.Bajpai, S.Avasthi, S.Kumar, A.Bharti, A.Swaroop, AK Gupta
Souv UPCON 2010, 59.
- 59) A comparative study of functional outcome of closed reduction and internal fixation with Kuntscher's nail v/s interlocking nail in management of closed fracture shaft of femur.
R. singh, A. Swaroop, A.K.Gupta, S. Avasthi, A.Bharti, R.Nath.
Souv. UPCON 2011.
- 60) Assessment of bone mineral density by dual energy x-ray absorptiometry for the evaluation of pre and post treatment of osteoporosis.
P.Mishra, A.K.Gupta, A.swaroop, S.Avasthi.
Souv. UPCON 2011.
- 61) Functional outcome of cemented bipolar prosthesis (prefixed) in management of intertrochanteric fracture of hip.
S.Kumar, A.Swaroop, S.Avasthi, A.Bharti.
Souv. UPCON 2011.
- 62) Long stem interlocking revision total hip replacement in periprosthetic fracture shaft femur: an experience.
P.Kumar, S.Avasthi, A.swaroop, R.Nath.
Souv. UPCON 2011.
- 63) Reversal of osteotomy and total hip replacement in failed operated fracture neck femur with avascular necrosis : An experience.
S.Kumar, A.K.Gupta, A.Swaroop, R.Nath, S.Avasthi
Souv. UPCON 2011.

- 64) Old neglected case of fracture dislocation elbow with entrapment of avulsed medial epicondyle presenting with elbow stiffness, managed with arthrolysis and reattachment of medial epicondyle: a case series.
S.P.Singh, A.Swaroop, S.Avasthi, A.K.Gupta, S.Kumar.
Souv. UPCON 2011.
- 65) An unique case of failure of distal femoral locked compression plate done by MIPPO technique in fracture distal end femur AO type 2.
R.K.Bhartiya, A.Bharti, A.Swaroop, R.Nath, S.Avasthi, S.Kumar.
Souv. UPCON 2011.
- 66) Results of open joint debridement with MOWHTO fixed with locking plate in patients with locking plate in patients with advanced medial compartmental OA knee.
V.Gahlot, A.Swaroop, A.K.Gupta, S.Avasthi, A.Bharti, S.Kumar.
Souv. UPCON 2011.
- 67) Comparative study of proximal tibial fractures managed by external fixation and internal fixation.
S.Kumar, A.Swaroop, A.K.Gupta, A.K.Jaiswal, A.Bharti, S.Avasthi
Souv. UPCON 2012.
- 68) Comparative study of fresh cases of fracture neck femur in young adults managed with multiple hip screw and multiple hip screw with fibular graft.
S.Kumar, A.K.Jaiswal, A.Swaroop, A.K.Gupta, S.Avasthi, A.Bharti
Souv. UPCON 2012.

ABSTRACT PUBLICATIONS AND INTERNATIONAL PRESENTATIONS:05

- 1) Genetic risk factor in development and progression of osteoarthritis knee.
Abhishek Mishra, Rajeshwar Nath Srivastava, Devendra Parmar, Divya Sanghi, Sachin Avasthi, Ajai Singh
- 2) Intronic single nucleotide polymorphism (SNP) of CALM-1 gene is significantly associated with Osteoarthritis Knee: A case control study. Saloni Raj, Rajeshwar Nath Srivastava, Divya Sanghi, Sachin Avasthi, Abhishek Mishra
- 3) Long term (1-yr) efficacy and safety of single 6ml injection of hylan g-f 20 in indian patients with symptomatic knee oa. S. Pal , S. Thuppal , K. J. Reddy , S. Avasthi, A. Aggarwal, H. Bansal, S. Mohanasundaram , F. Bailleul (EULAR12-2325) Ann Rheum Dis 2012;71(Suppl3):758
- 4) Genetic polymorphism in gdf-5 gene as risk factor for development and progression of osteoarthritis knee . A. .. Mishra, D. Sanghi, S. Avasthi, R. N. Srivastava, Control/Tracking Number: 12-A-533-OARSI

- 5) Genetic polymorphism in ESR-A gene as a risk factor in for development and progression of osteoarthritis knee. A. Mishra, D. Sanghi, S. Avasthi, S.S. Maurya, A. Singh, D. Parmar, R.N. Srivastava (ISHG)

SCIENTIFIC PRESENTATIONS AND PARTICIPATIONS:-

- 1] Paper On ‘Spinal Tuberculosis’ In Workshop On Diagnosis And Management Of Extrapulmonary Tuberculosis Held At K.G.M.U., Lucknow.
- 2] ‘Current Concepts And Strategies In Orthopaedics – The Indian Scenario ‘
- 3] Workshop ‘ Medical Certification Of Cause Of Death ’.
- 4] Cme In ‘Current Concepts Of Trauma Management In Orthopaedics’ And Presented A Paper Titled ‘ Fracture Acetabulum And Management’ .
- 5] Pain Management In Osteoarthritis
- 6] Calcium And Calcitriol Supplementation
- 7] Comparative Analysis Of LCDCP / DCP / Nail For Displaced Forearm Fractures .
- 8] Paradigm Shift In Pain Management
- 9] SYSADOA : A New Era Of Cartilage Regeneration
- 10] Physiological And Pharmacological Basis Of Pain Management.
- 11] Obesity And Arthritis: Can Reduction Of Weight Improve Patient’s Condition?
- 12] Osteoporosis And It’s Management.
- 13] Organised Cadaveric workshop on spinal surgeries at GSVM Medical College
- 13] Organised workshop on Emergency airway and Ventilation as part of INDUS-EM 2014 on 17.10.2014 at RMLIMS, Lucknow

RESEARCH PROJECTS AND CLINICAL TRIALS:-

- 1) Efficacy and safety of Nimesulide extended release tablets in symptomatic treatment of osteoarthritis: a double blind randomized controlled comparison with placebo and Diclofenac sustained release tablets.
Study no.:- panbio/CR/0092006/CT
- 2) A phase 3 randomized, double blind , active controlled , parallel-group, Multicentre study to evaluate the safety and efficacy of Apixaben in subjects undergoing elective total hip replacement surgery.
Protocol no.:- CV 185035
- 3) Post marketing surveillance of the drug glucosamine + omega fatty acid May 2007
- 4) Evaluation of efficacy and safety of Aceclofenac- Paracetamol fixed dose combination with Aceclofenac alone in patients with Osteoarthritis flare up.
Protocol Id: Ipca/ACP/PIII-07.
- 5) A multicenter, prospective, open label study of the safety and efficacy of 6ml Synvisc-One™ (Hylan G-F 20) in Indian patients with symptomatic osteoarthritis of the knee(s) after initial and repeat treatment. **Protocol No.:** SYN03809

THESIS GUIDED:

2006:

- 1) Outcome analysis of patients of traumatic paraplegia managed by pedicle screw fixation
- 2) Evaluation of clinicoradiological factors affecting osteoarthritis knee: a cohort study

2008:

- 1) Outcome analysis of proximal humerus managed by external and internal fixation
- 2) Outcome analysis of stiff elbow managed by elbow arthrolysis
- 3) Comparative analysis of fracture shaft femur managed by closed reduction / open reduction by kuntscher's intramedullary nail.
- 4) Analysis of lumbar canal stenosis patients managed by decompression
- 5) Role of bone mineral densitometry in predicting features of osteoporosis
- 6) Outcome analysis of fracture proximal tibia managed by JESS / Internal fixation

2009:

- 1) Role of hydroxyapatite crystals in lytic lesion of bone: a retrospective and prospective study
- 2) Evaluation of factors affecting low back pain in urban population

- 3) Retrospective and prospective analysis of patients managed by high tibial osteotomy fixed by locking plates
- 4) Retrospective and prospective analysis of fracture supracondylar femur managed by supracondylar nail
- 5) Outcome analysis of patients of unstable fracture intertrochanteric femur managed by proximal femoral nail
- 6) Comparative analysis of fracture neck femur fixed by cannulated cancellous screw with or without fibular graft

2010:

- 1) Arthroscopic evaluation and management of injury around knee
- 2) Role of hydroxyapatite crystals in lytic lesion of bone: a retrospective and prospective study
- 3) Analysis of epidemiological factors and biological markers of Rheumatoid arthritis
- 4) Comparative analysis of functional outcome in proximal humerus fracture managed by JESS/ Locking plate
- 5) Evaluation of results of percutaneous vertebroplasty

2011:

- 1) Prospective and retrospective outcome study of arthroscopic ACL reconstruction by quadruple hamstring tendon graft
- 2) Factors determining outcome in TKR
- 3) Role of hydroxyapatite crystals in lytic lesion of bone: a retrospective and prospective study
- 4) Prospective analysis of fracture proximal humerus managed by locking compression plate
- 5) Retrospective and prospective study of use of tomofix in management of osteoarthritis knee
- 6) Comparative evaluation of LCS managed by decompression with or without pedicle screw fixation

2012:

- 1) Outcome analysis of ACL reconstruction fixed by varying modalities: a retrospective and prospective study
- 2) Prospective study of various operative methods of tibial plateau fracture
- 3) Outcome analysis of intraarticular fracture distal humerus managed by triceps sparing versus transolecranon approach
- 4) Retrospective and prospective study of GCT: multimodal approach
- 5) Arthroscopic evaluation of musculoskeletal injuries around shoulder
- 6) Unipolar versus bipolar hemiarthroplasty for the treatment of fracture neck femur

FELLOWSHIPS:-

- 1) UP Chapter Travelling Fellowship 2008 for Kolkata
- 2) IOA Fellowship to Mumbai for Arthroscopy

EXPERIENCE:-

- 1] Worked As **Senior Resident** In Fortis Jessa Ram Hospital , New Delhi From 15 Jun 2004 To 24 August 2004.
- 2] Worked As **Senior Resident** In Deptt. Of Orthopaedics , K.G.M.U., Lucknow From 25 August 2004 To 05 August 2006.
- 3] Worked As **Senior Resident (Md-Phd)** In Deptt Of Orthopaedics In K.G.M.U. Lucknow From 05 August 2006 To 25 August 2008.
- 4] Worked In **Indian Institute Of Technology , Kanpur** For One Semester Under Prof. And Head Dr.Pradeep Sinha In Understanding Biological Engineering Aspect Of Orthopaedic Research .
- 5] Joined GSVM Medical College As **Lecturer** In Deptt Of Orthopaedic Surgery On 25.08.2008 .
- 6] **Assistant Professor**, GSVM Medical College, Kanpur from 25.08.2011 to 26.09.2014
- 7] **Chairman, Ethics Committee, IIT, Kanpur** since 2012.
- 7] **Associate Professor**, Department of Emergency Medicine since 27.09.2014

CO-CURRICULAR ACTIVITIES

- 1] SPORTS :-
 - a] member of college cricket team
 - b] member of college basketball team
 - c] bronze medal winner of intracollege swimming championship
- 2] MUSIC :-
 - a] ornamental music [mouth organ]
 - b] participated in cultural events
- 3] worked as a 'MEDICO ROLE MODEL' on and off the camera in BBC directed documentary 'HAATH SE HAATH MILA' .
- 4] participated in MEDIFEST 2004 as a judge in singing competition and skit play .

5] Worked in free health check up camp in Datlee village [Malihabad] on 31.01.2005 organised by Khayal Foundations .

6] Convener of resident doctors association between 2004-2005.