DEPARTMENT OF ORTHOPAEDICS

Strength of the department

The dept of trauma and Orthopaedics has four units each comprising of professor / associate professor, lecturer and PG students. Round the clock trauma service is provided for poly trauma patients. Department is well equipped for the management of mass disasters.

Supra major surgeries like joint replacement, arthroscopy, spinal surgery and complex trauma surgeries are carried out regularly. Operation theatre is well equipped with C-arm, X-ray machine, AO instrumentation sets, video arthroscopy set.

Approximately 5800 major surgeries are carried out each year. PG students get exposure to variety of surgical procedures during their post graduate tenure.

This department has post graduate studies in M.S. (Ortho) 3 seats & Diploma in Orthopaedics 2 seats every year recognized by MCI.

Faculty

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<tr>
<th>Prof and Head</th>
<th>Qualification</th>
<th>Special Interest</th>
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<tbody>
<tr>
<td>Dr. Girishchandra Bartakke</td>
<td>M.S. Ortho.</td>
<td>Spine Surgery</td>
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<tr>
<th>Associate Professors</th>
<th>Qualification</th>
<th>Special Interest</th>
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<tr>
<td>Dr. YashwantRisbud</td>
<td>M.S. Ortho.</td>
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<tr>
<td>Dr. Swaroopmasih Daniel (contract basis))</td>
<td>M.S. Ortho.</td>
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<tr>
<td>Dr. Amit Kale</td>
<td>M.S. Ortho. D.N.B., Mch UK</td>
<td>Arthroplasty, Arthroscopy</td>
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<tr>
<td>Dr. Manoj Todkar (Part Time contract basis)</td>
<td>M.S. Ortho. D.N.B., Mch UK</td>
<td>Hip &amp; Knee Arthroplasty, Arthroscopy, Pediatrics Orthopedics</td>
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<tr>
<th>ASSISTANT PROFESSOR</th>
<th>Qualification</th>
<th>Special Interest</th>
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<tr>
<td>Dr A A Mathesul</td>
<td>MS ortho</td>
<td></td>
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<tr>
<td>Dr Swapnil Bhise</td>
<td>M.S. Ortho.</td>
<td></td>
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<tr>
<td>Dr. Vishal Patil</td>
<td>M.S. Ortho. D.N.B.</td>
<td>Spine, arthroscopy, arthroplasty</td>
</tr>
<tr>
<td>Dr. Pravin Deokate</td>
<td>M.S. Ortho.</td>
<td>Sports Medicine, Arthroscopy, Foot &amp; Ankle, Ilizarov surgery</td>
</tr>
<tr>
<td>Dr. Rahul Puranik</td>
<td>M.S. Ortho.</td>
<td>Spine, Hand Surgery, Trauma</td>
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</table>
Dr. Praful Rawate  
M.S. Ortho.  
Arthroplasty, Arthroscopy, Complex Trauma.

Dr Kunal Bansal  
MS Ortho

PG Students – 13

1. Dr Rohit Kakani
2. Dr Tanaji Patil
3. Dr Yadvik Jadhav
4. Dr Rahul Jadhav
5. Dr Kedar Bhoi
6. Dr Shrikant
7. Dr Prityesh Agarwal
8. Dr Shashank Raut
9. Dr Gaurav Batla
10. Dr Deepak Munde
11. Dr Karma Bhutia
12. Dr Data Kendre
13. Dr Sushrut

Student and staff facilities
Library - books and journals
Computer access including HIS (Hospital information system)

Services provided
OPD and Xray
Physiotherapy
Orthotic and prosthetic workshop
In patient wards
Operation theatre

Equipments available
Xray machine
C-arm
AO instrument sets
Video arthroscopy set
Instrument sets for Spinal Surgery & total Joint Replacement surgery.
Courses offered with intake capacity
First MBBS: 200 students/year
Post Graduation: 3 students/year for M.S.Ortho
2 students/year for D.Ortho

Academic activities
1. Poona Orthopaedic society meetings
2. CME for PG students
3. Post graduate teaching programme
4. Under graduate teaching programme
5. Journal club
6. Case Presentation.

Publications and Presentations
Dr. Girishchandra Bartakke -

1) SURGICAL MANAGEMENT OF FRACTURES OF LOWER END OF HUMERUS IN ADULTS- As an author. Published in Medical Journal of Western India 2002, vol 29, page no. 97-102.

2) 'WATER SPACER TECHNIQUE OF ULTRASONOGRAPHY IN ASSESSMENT OF REGENERATE IN ILIZAROV BONE LENGTHENING PROCEDURES- as an author Published in Medical Journal of Western India 2002, vol 29, page no.35-38.

3) ROLE OF MODIFIED WAGNER EXTERNAL FIXATOR IN MANAGEMENT OF FRACTURES OF UPPER & LOWER END OF TIBIA & FIBULA- as an author Published in Medical Journal of Western India 2002, vol 29, page no.79-85.

4) A COMPARATIVE STUDY OF MANAGEMENT OF FRACTURES OF SHAFT OF HUMERUS BY DYNAMIC COMPRESSION PLATING & INTERLOC NAILING. as an author Published in Medical Journal of Western India 2006, vol 34, page no.47-53.

E) PAPER PRESENTATIONS-

1) 'ILIZAROV PROBLEMS & COMPLICATIONS’- faced while managing various problems with ilizarov ring fixator- MOACON-1992.

2) 'MANAGEMENT OF NON-UNION OF FRACTURES BY ILIZAROV RING FIXATOR TECHNIQUE'- a study of 30 cases - MOACON 2000. (MAHARASHTRA LEVEL)

3) 'SURGICAL MANAGEMENT OF FRACTURES OF DISTAL END OF HUMERUS IN ADULTS'- A study of 25 cases presented at - MOACON 2000.
4) ‘SURGICAL MANAGEMENT OF FRACTURES OF DISTAL END OF HUMERUS IN ADULTS’- A study of 25 cases presented at - IOACON- 2000.(NATIONAL LEVEL)

5) MANAGEMENT OF THORACO-LUMBAR TUBERCULOSIS – A study of 50 cases presented at MOACON 2000 & IOACON 2000 as a co-author.

6) CASE PRESENTATION- BILateral WRIST ARTHRITIS DUE TO MOTOR NEURON DISEASE at INDIAN ORTHO INSTRUCTIONAL COARSE LECTURE SERIES ON ARTHRITIS held at Pune 2001.

7) PRELIMINARY EXPERIENCES WITH RECONSTRUCTION NAIL IN MANAGEMENT OF COMPLEX FEMORAL FRACTURES, - presented at MOACON 2001 as a co-author.


11) ‘MANAGEMENT OF FRACTURES OF ENDS OF TIBIA BY MODIFIED WAGNER EXTERNAL FIXATOR’- presented at MOACON 2002, SOLAPUR.(MAHARASHTRA LEVEL)

12) POSTER PRESENTATION- BILATERAL WRIST ARTHRITIS DUE TO MOTOR NEURON DISEASE- presented at MOACON 2002, SOLAPUR.(MAHARASHTRA LEVEL)


15) MANAGEMENT OF DISTAL FEMORAL FRACTURES BY INTRA-MEDULLARY INTERLOCKING SUPRACONDYLAR NAIL’- presented at Maharashtra & West zone Indian orthopaedic association conference held at Goa- 2003.


20) TREATMENT OF NONUNION OF FRACTURES BY ILIZAROV METHOD- presented at RESEARCH SOCIETY CONFERENCE OF B. J. MEDICAL COLLEGE- 2006 as a co-author.

Dr. Amit Kale
1. Dundee(UK) 2006- Electronic forceps for measuring intra articular forces in knee arthroscopy

Dr. Manoj Todkar
1. Diggikar, Shintre, Todkar- Results of Total Hip Arthroplasty, Medical Journal of Western India, Volume 29, Feb 2002
3. Diggikar, Shintre, Todkar- Results of Cementless Total Hip Arthroplasty, Medical Journal of Western India, Volume 30, Jan 2003
12. Study of Cemented Total Hip Replacement, Annual Conference of Maharashtra

Dr Vishal Patil


Dr Rahul Puranik

1. Poster : Role of Fibula in malleolar Fractures

Dr Swapnil Bhise

1. Best poster WIROC 2010: Operative Management Of Sacral Fractures with Various techniques

Other Research

Dr A S Chandanwale , DrShivkumar , DrPande G: Leprosy and Orthopedic Complications- Current Status In India – IJRRPAS , 2012,Dec 2(6)

Poster : Lateral Mass screw fixation Vshartshill rectangle Technique in cervical spine fractures (38th
Research activities

May 2008 Dr. Shripad Joshi Study of management of subtrochanteric fractures of femur using reconstruction nail

May 2008 Dr. Shankar Chavan Study of management of distal third fracture of tibia with distal tip intramedullary nail

May 2009 Dr. Shailesh Mishra study of management of intertrochanteric fracture of femur using external fixator

May 2009 Study of management of subtrochanteric fractures of femur using proximal femoral nail

May 2010 comparative study of instrumental Vs non instrumental anterior anterior Cervical interbody fusion

May 2010 Study of treatment of thoracolumbar fracture with pedicular screw fixation

June 2011 Review of arthroplasty in fracture in ITNF

June 2011 comparison between microlumbar discectomy and standard lumbar discectomy

May 2012 Arthroscopic evaluation and management of anterior shoulder dislocation

May 2012 comparison of results of PID after discectomy at different levels in lumbar spine

MAY 2013: To study correlation between interpedicular distance and the severity of Thoracolumbar Spine burst fractures.

May 2014: To study correlation between combined femoral and acetabular anteversion and functional outcome in total hip arthroplasty patients.

May 2015: To study the various tibial deformities following intramedullary nailing of tibial shaft fractures: A functional Outcome.
Training programme
1. Geriatric medicine
2. UG and PG teaching programme - lectures, tutorials, clinics, demonstrations, case presentations
3. CADEVARIC SPINE WORKSHOP IN ASSOSIATION WITH POONA ORTHOPEDIC SOCIETY

Future plans
1. Trauma centre development

Information for the patient
1. Facilities are provided at negligible charges as per government rules.
2. Supra major surgeries - spinal surgery, joint replacement, arthroscopy done regularly.

Awards and Merits
Dr. Shripad Joshi - Gold medal in MS exam in Pune University in 2008.

Guest lectures
1. Dr. Shrirang Joshi - Lasers in Orthopedics
2. Dr. Sameer Desai - Cerebral palsy

3. Dr. GirishchandraBartakke – GUEST LECTURE/FACULTY MEMBER-

1) NATIONAL ASSOCIATION OF INTERLOCKING SURGEONS - CONFERENCE held at Varanasi-2002.

2) NATIONAL ASSOCIATION OF INTERLOCKING SURGEONS-CONFERENCE held at Banglore-2003.

3) NATIONAL ASSOCIATION OF INTERLOCKING SURGEONS- CONFERENCE held at Jalandhar-2004.

4) NATIONAL ASSOCIATION OF INTERLOCKING SURGEONS- CONFERENCE held at Pune-2005. with demonstration of live relay surgery at Sassoon Hospital to all 80 delegates.

5) CADEAVERIC WORKSHOP ON SPINE SURGERY – AT B. J. MEDICAL COLLEGE PUNE at national level, 2004, as faculty, speaker & organizing chief.