



Government of West Bengal
Institute of Postgraduate Medical Education & Research
Centre of Excellence in Medical Education & Research

Orthopedics

FACULTY

Prof. Mukul Bhattacharyya	MBBS, MS	Professor & Head
Prof. A.S. Dutta	MBBS, MS	Professor
Prof. Tanmay Datta	MBBS,MS, DNB, MNAMS	Professor
Dr. Dibyendu Biswas	MBBS, MS	Associate Professor
Dr. Abir Ghosh	MBBS, MS	Associate Professor
Dr. Arnab Karmakar	MBBS,MS , DNB	Associate Professor
Dr. Avijit Basak	MBBS, MS	Assistant Professor
Dr. Debojyoti Sarkar	MBBS, MS	Assistant Professor
Dr. Kaushik Mandal	MBBS, MS	Assistant Professor
Dr. Bhaskar Sen	MBBS, MS	Assistant Professor
Dr. Arindam Chatterjee	MBBS, MS	RMO cum Clinical Tutor
Dr. Banamali Samanta	MBBS,MS	RMO cum Clinical Tutor
Dr. Arijit Das	MBBS, MS	RMO cum Clinical Tutor
Dr. Supriya Sarkar	MBBS, MS	RMO cum Clinical Tutor
Dr. N.G. Das	MBBS	RMO

Senior residents

- Dr. Prashant Kumar - MBBS, DNB
- Dr. Ayan Das - MBBS, DNB
- Dr. Kevin Ghyanshyambhai Vadodoriya – MBBS, DNB
- Dr. Argha Kusum Roy - MBBS, MS
- Dr. Prabhakar Sharma - MBBS, DNB
- Dr. Kunal Mondal - MBBS, MS
- Dr. Santu Sarkar - MBBS, MS
- Dr. Rohit Karmakar - MBBS , MS
- Dr. Sanjay Mahato - MBBS , MS
- Dr. Mrinal Debnath - MBBS, MS

Junior residents

3rd year	2nd year	1st year
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Dr. Raunak Aggarwal Dr. Saikat Chakraborty Dr. Kartikeya Desai Dr. Ujjal Ray Dr. Subhasis Manna Dr. Saurabh Dolui Dr. Shiladitya Chowdhury Dr. Anish Hazra Dr. Sabyasachi Bhattacharjee Dr. Subhendu Sikder Dr. Chandan Mondal Dr. Subham Mukherjee Dr. Ritwick Barman Dr. Wasimuddin Sardar Dr. Ardhendu Pandit	Dr. Rahimulla Miah Dr. Anindya Nath Banerjee Dr. Niladri Khamrui Dr. Sanjay Patua Dr. Bhavisya Bansal Dr. Pritam Biswas Dr. Golam Murshid Dr. Snejuti Bera Dr. Zohaib Ahmed Dr. Mainak Chakraborty Dr. Risabh Chakraborty Dr. Sandipan Goswami Dr. Aniket Seth Dr. Ashis Kumar Jha Dr. Debojyoti Roy	Dr. Paribaha Mukherjee Dr. Pritam Rahman Dr. Manik Roy Dr. Soumik Chowdhury Dr. Subhadip Pal Dr. Souvik Datta Dr. Debjit Mandal Dr. Shouvik Bardhan Dr. Biswajit Brahma Dr. Soumyadip Sarkar Dr. Kiranmoy Ghosh Dr. Sourav Chandra Dr. Subhajit Mukherjee
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THESIS COMPLETED

Dr. Raunak Agarwal	Functional outcome of closed metacarpal fractures treated with pinning versus plate and screws.
Dr. Saikat Chakraborty	Results of locking plates as external fixators versus conventional external fixators for open fractures of both bone leg (from GA II to GA IIIB) in adults.
Dr. Anish Hazra	Comparative study of functional outcomes between proximal femoral nail and dynamic hip screw in stable intertrochanteric fractures in postmenopausal women.
Dr. Siladitya Chowdhury	Clinical and radiological outcomes of Remplissage repair technique in anterior shoulder instability with Hill-Sachs lesion.
Dr. Sourav Dolui	A comparison of functional outcome between decompression versus decompression and pedicular screw fixation in case of low back pain with radiation.
Dr. Subhasish Manna	A prospective study on vacuum assisted closure therapy in control of soft tissue and bony infection in Gustilo-Anderson Grade IIIB open fractures.
Dr. Ujjal Ray	Modular bipolar vs. fixed bipolar hemiarthroplasty: a comparative study on clinical and radiological outcomes.
Dr. Subhendu Sikder	Comparison of functional outcome between interference screw and endobutton fixation on femur in arthroscopic anterior cruciate ligament reconstruction.
Dr. Washimuddin Sardar	Comparative evaluation of functional and radiological outcome of open reduction and internal fixation (ORIF) vs. external fixation for displaced two and three part of proximal humerus fracture.
Dr. Subham Mukherjee	Evaluation of functional and radiological outcome in intra-articular calcaneum fracture managed with minimally invasive surgical treatment in adult population.
Dr. Chandan Mondal	Evaluation of functional and radiological outcome of ipsilateral femur and tibia fracture in adult population in tertiary care center.
Dr. Sabyasachi Bhattacharya	Biochemical and radiological correlation in young adult long bone fracture.
Dr. Ardhendu Sekhar Pandit	Comparative evaluation of functional and radiological outcome of single phase hybrid external fixation versus standard two stage surgical management of proximal tibial plateau fracture with soft tissue compromise.
Dr. Kartikeya Desai	A comparative study of the outcome of peroneus longus tendon vs. hamstrings tendon as a choice of autograft for anterior cruciate ligament reconstruction.
Dr. Ritwick Barman	Study of pattern of osteoarticular infection with special reference to detection of biofilm.

Thesis work in progress

<ul style="list-style-type: none"> • Dr. Anindya Nath Banerjee: Clinico-radiological outcome of extended curettage in gct of bones in recurrence and metastasis (retrospective study). • Dr. Rahimulla Miah: A comparative study on efficacy of topical intrawound vancomycin in total knee arthroplasty. • Dr. Bhavisya Bansal: A comparative study of 	<ul style="list-style-type: none"> • Dr. Aniket Seth: Role of Additional Lateral Buttressing in Patients with Unstable Trochanteric Fractures managed by Internal Fixation. • Dr. Rishav Chakraborty: Comparison of Functional and Radiological Outcomes of Transverse Patellar Fractures Fixed with Tension Band Fixation Using Cannulated Screws and Kirschner Wires: A Prospective Randomized
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<p>management of distal one third tibia fracture by intramedullary interlocking nail versus minimally invasive plate osteosynthesis (MIPO)</p> <ul style="list-style-type: none"> • Dr. Niladri Khamrui: Effectiveness of nail dynamization in delayed union of tibial shaft fractures: relationship between fracture morphology, union rates & callus diameter. • Dr. Sanjay Patua: Bacteriological study and it's role in the management of open fractures of upper & lower limbs in patients coming to trauma care centre (level-1): an institutional based study • D Ashish Jha: Association between LBP and vit D. • Dr. Sandipan Goswami: Clinical and radiological outcome of Ligamentotaxis by gradual distraction and soft tissue operation in a case of recurrent or resistant club foot. 	<p>Study</p> <ul style="list-style-type: none"> • Dr. Debojyoti Roy: Effectiveness of Trucut needle biopsy as diagnostic accuracy of bone and soft tissue • Dr. Snejuti Bera: Assessment of vascularity of femoral head after different methods of fixation of intracapsular neck femur fracture by DSA • Dr. Golam Murshid: Evaluation of modified pes plasty in Habitual Patellar Dislocation. • Dr. Mainak Chakraborty: Incidence of primary malignant bone tumor epidemiological data from tertiary care center. • Dr. Zohaib Ahmed: Functional outcome following limb salvage around knee joint after excision of malignant tumor and reconstruction by endoprosthesis • Dr. Pritam Biswas: Number of botulinum toxin injections needed to stop request for treatment of lateral epicondylitis in a 1 year follow up
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DEPARTMENTAL ACTIVITIES

- 1 Onchoortho surgery has started in last 1 yr.
 - Total case 34
 - Megaprostheses 19
 - ECRT with megaprosthesis – 1 case of EWings sarcoma.
 - OPD – Friday.
- 2 Seminar on 18th Jan 2022 - Periprosthetic fracture around knee by Dr. Subhendu Sikdar (Convenor Dr. D. Biswas)
- 3 Seminar held on 8th Jan 2022 on – Bone bank by Dr. Raunak Agarwal (Convenor: Prof. M. Bhattacharyya)
- 4 Seminar held on 29th Jun 2022 on – Role of Denosumab in Osteoporosis of elderly patients presenting with Colles's fracture by Dr. Wasimuddin Sardar (Convenor: Dr. A. S. Dutta)
- 5 Seminar held on 9th Feb 2022 on – Role of Megaprosthesis in cases of Bone Tumors by Dr. Chandan Mondal (Convenor: Dr. Arnab Karmakar)
- 6 Seminar held on 25th Feb 2022 on – Indications and benefits of Dual Mobility THR System in revision THR cases by Dr. Ujwal Ray (Convenor: Dr. T Datta)
- 7 Seminar on 6th Mar 2021 – Management of Pelvic fractures with Urethral injury (Convenor: Dr. A. Ghosh)
- 8 Conduction of IOA PG teaching course on 14th & 15th May by Prof A K Pal (Convenor: Prof M Bhattacharyya)
- 9 MS (Ortho) Examination on 14th June 2022
- 10 Seminar held on 2nd July 2022- Damage Control orthopedics by Dr. Ardhendu Pandit (Convenor Dr. A. K. Pal)
- 11 Seminar Held on 15th July 2022-Management of open fractures with vascular compromise by Dr. Ritwik Barman (Convenor Dr. A. S. Dutta)
- 12 Seminar held on 4th August 2022-Management of a patient with history of fall from Height with Spinal Injury by Dr. Kartikeya Desai (Convenor Dr. A. Ghosh)
- 13 Seminar held on 3rd Nov 2021 on – Principles of Internal Fixation by Dr. Subhasis Manna (Convenor: Dr. D. Biswas)
- 14 Seminar held on 17th Nov 2021 on –Fracture Fixation &Healing Dr. Saikat Chakraborty (Convenor: Dr. Arnab Karmakar)
- 15 Seminar held on 3rd November 2021 on Cartilaginous injury in pediatric age group by Dr. Anish Das (Convenor: Dr. A. Ghosh)
- 16 Seminar Held on 7th November 2022 - Assessment and Management of Polytrauma patient with Head injury by Dr. Subham Mukherjee (Convenor Dr. M. Bhattacharjee)
- 17 WBOA clinical meet on December 22
- 18 Regular academic activities: Seminar, Journal club, Clinical Case Presentation etc.
- 19 Departmental death review meeting- monthly.

20 Monthly Tumor Board meeting held in every 3rd Saturday.

21 WBOA Workshop.

Paper presentation in WBOACON, 2021

- Dr Saikat Chakraborty : comparative evaluation of results of locking plates as external fixators versus conventional external fixators for open fractures of both bone leg in adults
- Dr Raunak Agarwal : Functional outcome of closed metacarpal fractures treated with plates and screws versus k wire
- Dr Kartikeya Desai : A comparative study of the outcome of peroneus longus tendon vs semitendinosus tendon as a choice of autograft for anterior cruciate ligament reconstruction.
- Dr Subhashis Manna : A prospective study on vacuum assisted closure therapy in control of soft tissue and bony infection in Gustillo Anderson Grade IIIb open fractures.
- Dr Ujjal Ray : Modular bipolar vs fixed bipolar hemi arthroplasty - a comparative study on clinical and radiological outcomes.
- Dr Subham Mukherjee : evaluation of functional and radiological outcome in intraarticular calcaneum fracture managed with minimally invasive surgical treatment in adult population.
- Dr Anish Hazra : Comparative study of functional outcomes between Proximal Femoral Nail and Dynamic Hip Screw in stable Intertrochanteric fractures (AO-A1) in post-menopausal females.
- Dr Shubendhu Sikder : Comparison of functional outcome between interference screw and endobutton fixation on femur in arthroscopic anterior cruciate ligament reconstruction.
- Dr Sourav Dolui : A comparison of functional outcome between decompression versus decompression and pedicular screw fixation in case of low back pain with radiation.
- Dr Ardhendu Pandit : Comparative evaluation of functional and radiological outcome of single phage hybrid external fixation versus standard two stage surgical management of proximal tibial plateau fracture with soft tissue compromise.
- Dr Siladitya Chowdhury : Clinical and radiological outcomes of Remplissage repair technique in anterior shoulder instability with Hill Sachs lesion.
- Dr Sabyasachi Bhattacharya : biochemical and radiological correlation in young adult long bone fracture.
- Dr Ritwik Barman : Study of pattern of osteoarticular infection with special reference to detection of biofilm.
- Dr Wasimuddin Sardar : A comparative evaluation of functional and radiological outcome of open reduction and internal fixation vs external fixation for displaced two- and three-part proximal humerus fracture.

FACULTY NEWS

Dr. Mukul Bhattacharyya

1. MS examiner of WBUHS.
2. Secretary of BOS (board of study) of WBUHS.
3. Founder member of Sports Medicine unit of IPGME&R.

Dr. Tanmay Datta

Publications

- A Comparative Study of the Outcome of High Tibial Osteotomy And Proximal Fibular Osteotomy In Medial Compartmental Osteoarthritis Of Knee. - *Jcdr Publications Pvt Limited*
- An Evaluative Study to Find the Correlation Between Semitendinosus Graft Dimension In Relationship To Patients' Anthropometry. - *Asian Journal of Medical Sciences*

Administration

1. In Charge, Trauma Care centre - IPGMER & SSKMH (Centre of Excellence) : uptill August '22
2. Core committee member, in newly inaugurated DEPARTMENT OF SPORTS MEDICINE, IPGMER & SSKMH.

Dr. Arnab Karmakar

1. Faculty at IOACON 2022 at Amritsar, Delivered lecture between 27th November to 3rd December 2022
2. Quiz master of IOACON, Amritsar , 2022
3. Completed travelling fellowship of IOA

SERVICE INFORMATION FROM DEC 2021- NOV 2022 :

1. No of Patients attended in Orthopedics OPD- 1874291
 2. No of Patients operated in Emergency Ortho O.T- 2970
 3. No of Patients operated in Ortho main O.T- 1901
 4. No of Patients admitted in Orthopedic ward- 4998
 5. Joint Replacements (last one year)
 - THR done - 47
 - TKR done - 37
 - TER done – 04
 6. Arthroscopic Operations (last one year)
 - ACL Reconstruction–29
 - PCL Reconstructon-05
 - Meniscal repair-07
 - Repair in case of Shoulder instability done (Bankart repair)– 22
 - Rotator cuff repair- 11
 7. Spinal Surgery done (last one year) – 22
 8. Deformity correction by Illizarov fixator- 16
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