

# Government of West Bengal

### **BURDWAN MEDICAL COLLEGE AND HOSPITAL**

A Center of Excellence in Patient Care Services, Medical Education and Research

## **DEPARTMENT OF PHYSIOLOGY**

#### **FACULTY**

SL. NO	NAME	AEBAS NO.	REGISTRATION NO.	QUALIFICATION	DESIGNATION	EXPERIENCE
1	Professor Dr Debasis Adhya(HOD)	23257826	45842	MBBS,DCH,MD	Professor, Head	25years
2	Professor Dr.Arunima Chaudhuri	26132393	52346	MBBS,MD,PhD,MBA,PDCR,DC MH,FAIMER and MHPE Fellow, Post Graduate Diploma in Bioethics and Health Law(UNESCO Chair in Bioethics)	Professor	12 years
3	Dr Aditi Das	02590253	64344	MBBS,MD	Associate Professor	12 years
4	Dr Shyamal Betra	19248526	58017	MBBS,MD	Assistant Professor	16 years
5	Dr Abhijit Kanrar	62630229	58915	MBBS, MD	Assistant Professor	5 years 5 months
6	Dr Nikhil Chandra Mondal	53140000	63674	MBBS, MD	Assistant Professor	12 years 7 months
7	Dr Arpita Ghosh	97601264	64621	MBBS, MD	Demonstrator	7 years
8	Dr Soumya Sarkar	08496021	61902	MBBS, MD	Demonstrator	8 years 6 months
9	Dr Abhijit Bandyopadhyay	57805741	48410	MBBS, DVD	Demonstrator	25 years
10	Dr Sushil Kumar Shit	45454664	44702	MBBS, DLO	Demonstrator	29 years

#### **RESIDENTS**

SL NO	NAME	AEBAS NO	REGISTRATION NO	QUALIFICATION	DESIGNATION	EXPERIENCE
1	Dr Sampad Kumar Baral	95798768	66239	MBBS	JR	
2	Dr Anirban Kumar	00023608	78490	MBBS	JR	
3	Dr Soumon Mondal	96907245	73422	MBBS	JR	
4	Dr Abhishek Kumar Jha	23740708	92403	MBBS	JR	
5	Dr Dharmendra Kumar Gupta	93743639	65479	MBBS	JR	
6	Dr Kankana Bhattacharya	03865101	71497	MBBS	JR	
7	Dr Jhulan Chatteriee	69779282	65683	MBBS	JR	

	Kanjilal					
8	Dr Chandra Shekhar Chatterjee	06716188	80191	MBBS	JR	
9	Dr Arpita Jana	31442016	55453	MBBS	JR	

### **Publications Department of Physiology**

- 1. Chaudhuri A, Borade NG, Hazra SK. A Study of Heart rate variability and Lipid Profile in Postmenopausal Women. Journal of Indian Medical Association 2012; 110 (4): 228-232.
- **2. Chaudhuri A**, Borade NG, Saha S. Relationship of gender and lipid profile with cardiac parasympathetic reactivity. J Basic Clin Reprod Sci 2012;1:30-3.
- **3. Chaudhuri A**, Bandopadhyay AK, Hazra SK, Datta S. Postspinal paraparesis. Journal of Obstetric Anaesthesia and Critical Care 2012; 2 (1): 52-54.
- **4. Chaudhuri A**, Borade NG, Hazra SK, Mitra S, Roy S, Adhikari S. Effect of menopause on autonomic control of heart. Indian journal of perinatalogy and reproductive biology 2012; 2(3): 25-31.
- **5.** Borade NG, **Chaudhuri** A, Roy A.Heart rate variability tests in healthy young adult males and females.Medical Journal of Dr. D.Y. Patil University 2012; 5 (1): 84-85.
- **6. Chaudhuri A**, Borade NG. Menopause and autonomic control of heart. Med Journal of DY Patil University 2012 (Mumbai); 5(1):4-9.
- **7. Chaudhuri A,** Borade NG, Tirumalai J, Saldanha D, Ghosh B, Srivastava K. A study of autonomic functions and obesity in postmenopausal women. Ind Psychiatry J 2012; 21:39-43.
- **8. Chaudhuri A**, Borade NG, Bandopadhyay AK, Hazra SK, Saha S, Mondol S. A comparative study of lipid profile and autonomic functions in vegetarian and non-vegetarian postmenopausal women. Medical Journal of Dr. D.Y. Patil University 2013; 6 (1): 60-65.
- **9.** Hazra SK, Sarkar PK, **Chaudhuri A**, Mitra G, Banerjee D, Guha S. Septic abortion managed in a tertiary hospital in West Bengal. J Basic Clin Reprod Sci 2013;2:38-41.
- **10.** Hazra SK, Maiti S, **Chaudhuri A**, Banerjee D, Guha S, Das A. Cervical cancer in women with unhealthy cervix in a rural population of a developing country. J Basic Clin Reprod Sci 2013;2:97-100.
- **11.** Hazra SK, Dash KK, **Chaudhuri A**, Ghosh MK, Banerjee D, Guha S. A prospective study of doppler velocimetry in pregnancy-induced hypertension in a rural population of a developing country. J Basic Clin Reprod Sci 2013;2: 127-31.

- **12.** Datta S, Ghosh S, **Chaudhuri A**, Mondal BC. Osteoblastoma of radius. Med J DY Patil Univ 2012 ;5:147-50.
- **13.** Mondal S, **Chaudhuri A**, Kamilya G, Santra D. Fetomaternal outcome in obstructed labor in a peripheral tertiary care hospital. Med J DY Patil Univ 2013;6:146-50.
- **14.** Chaudhuri A, Bandopadhyay AK. Obesity, a burning problem. IOSR Journal of Pharmacy2014; 4 (1) 01-05.
- **15.** Saha D, **Chaudhuri A**, Maulik SG, Ray S. Difficulties in management of malignant hyperthermia in a rural set up of a developing country. Med J D Y Patil Univ 2014;7:381-3.
- **16.** Chaudhuri A, Ray M, Saldanha D, Bandopadhyay AK. Cardio-respiratory response of young adult Indian male subjects to stress: Effects of progressive muscle relaxation. Med J D Y Patil Univ 2014;7:304-8.
- **17.** Roy S, **Chaudhuri A**, Hazra SK, Saha S.A study of socioecnomic influence on anthropometric measurements of children in an urban population in West Bengal. Medical Journal of Dr. D.Y. Patil University2014; 7(2): 259-260.
- **18.** Datta S, Ghosh S, **Chaudhuri A**, Moulik SG. Bilateral giant cell tumor of tendon sheath of tendoachilles. Med J DY Patil Univ 2014;7: 211-4.
- **19.** Ghosh S, Sinha RK, Datta S, **Chaudhuri A**, Dey C, Singh A. A study of hand injury and emergency management in a developing country. Int J Crit Illn Inj Sci 2013; 3:229-34.
- **20.** Roy S, **Chaudhuri A**, Saha D, Maulik SG, Bandopadhyay AK. Comparative study of clonidine versus lignocaine for attenuation of hemodynamic responses during laparoscopic hysterectomy. J Basic Clin Reprod Sci 2014; 3:38-43.
- **21.** Ghosh S, Halder TC, **Chaudhuri A**, Datta S, Dasgupta S, Mitra UK. Comparative study of operative treatment of mid shaft fracture of humerus by locking plate versus intramedullary interlocking nail. Med J DY Patil Univ 2013; 6:3 90-4.
- **22.** Ghosh S, Bag S, Datta S, **Chaudhuri A**, Roy DS, Biswas A. A study of management of fracture shaft femur in children in a rural population. J Sci Soc 2013; 40:135-9.

- **23.** Ghosh S, Ghosh D, Datta S, **Chaudhuri A**, Roy DS, Chowdhury A. External fixation by Joshi's external stabilizing system in cases of proximal humerus fractures in elderly subjects. J Sci Soc 2013; 40:99-102.
- **24.** Dawn S, **Chaudhuri A**, Saha S, Ghosh Maulik S. Comparison between responses following use of Fentanyl on hemodynamic changes during endotracheal intubation and laryngeal mask airway insertion. Int J Stud Res 2013;3(2):1-2.
- **25.** Ghosh S, Mondal BC, **Chaudhuri A**, Datta S, Debasis Singha Roy D.Study of treatment of short oblique and transverse fractures near isthmus of femur. J Sci Soc 2014; 41:122-6.
- **26.** Ghosh S, Datta S, Nayak S, **Chaudhuri A**, Dhanasekaran P. Comparative study of muscle strengthening exercises for treatment of chronic low backache. Med J DY Patil Univ 2014; 7:443-6.
- **27. Chaudhuri A,** Ray M, Saldanha D, Bandopadhyay AK. Effect of Progressive Muscle Relaxation in Female Health Care Professionals. Annals of Medical and Health sciences research 2014; 4:791-5.
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- **29.** Sarkar SK, **Chaudhuri** A, Banerjee C, Banerjee S. Primary antral carcinoma managed by en-bloc radical maxillectomy with orbital Exenteration. Journal of the scientific society 2014; 41:188-91...
- **30.** Ghosh S, Dutta S, **Chaudhuri A**, Datta S, Singha Roy S, Singh AK. Comparative analysis of external and internal fixation in lower radial articular fractures. Medical journal of Dr. DY Patil University 2014; 7:596-602.
- **31.** Ghosh S, Chowdhury A, **Chaudhuri A**, Datta S, Singha Roy D, Singh AK. Rush nail and management of fracture both bone forearm. J Sci Soc 2014; 41:167-72.
- **32.** Ghosh S, Adak S, **Chaudhuri A**, Datta S, Singha Roy S, Chaudhuri SK. Management of Closed Isolated Tibial shaft fracture: a dilemma in a rural set up of a developing country. Medical journal of Dr. DY Patil University2014; 7:738-43.
- **33.** Roy S, **Chaudhuri A**, Saha D, Maulik SG. Exercise induced activation of sodium channels in augmentation of action of local anaesthetics. Medical journal of Dr. DY Patil University 2014; 7:826-8.

- **34. Chaudhuri A**, Roy M, Dasgupta S, Ghosh MK, Biswas A, Hazra S. Effect of Progressive muscle relaxation on adverse cardiovascular profile in women with Polycystic Ovarian Syndrome. J Basic Clin Reproductive Sciences 2014; 3:115-20.
- **35.** Ghosh S, Patar M, **Chaudhuri A**, Dutta S, Banerjee D, Mitra U. Management of supracondylar fracture of humerus with JESS in adults. Journal of the Scientific Society 2015; 42:16-20.
- **36.** Singh AK, Ghosh S, **Chaudhuri A**, Datta S, Singha Roy D, Chowdhury A. Ilizarov fixator in management of non-united and infected tibial shaft fractures. Medical journal of Dr. DY Patil University 2015; 8: 35-40.
- **37. Chaudhuri A,** Borade NG. Study of autonomic nervous system activity in postmenopausal women. Saudi Journal of Sports Medicine 2015; 15 (1): 108-109.
- **38.** Ghosh S, **Chaudhuri A**, Datta S, Sirdar BK. Fibrous dysplasia of femur, treated with fibular bone graft. Saudi J Sports Med 2015; 15: 86-9.
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- **43.** Vaithilingam A, Ghosh S, **Chaudhuri A**, Datta S, Gupta G, Dugar N, Dutta S. Fracture clavicle: Operative versus conservative management. Saudi J Sports Med 2015; 15: 31-6.

- **44.** Chattopadhyay K, **Chaudhuri A**, Hussain SA, Biswas A. A comparative study of functional pulmonary involvement in patients with rheumatoid arthritis in a semi-urban population of Eastern India. Saudi J Sports Med 2015; 15: 26-30.
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- **50.** Achrrya S, **Chaudhuri A**, Ghosh P, Ghosh A. Early mobilization in Complete Spinal cord injury under conservative treatment in a developing country. Journal of the scientific society. 2015; 42(3):151-5., DOI:10.4103/0974-5009.165546.
- **51.** Khanrar A, **Chaudhuri A**, Ghosh A, Adhya D, Das P, Banerjee S. Electrocardiographic changes in patients of post cerebrovascular accident in rural population of Eastern India. Saudi Journal of Sports Medicine. 2015; 15(2):160-167. DOI:10.4103/1319-6308.156351.

- **52.** Ghosh A, Chaudhuri A, Ghosh S, Khanrar A, Adhya D, Pal K. Correlation of electro-cardiographic and lipid profile changes in newly diagnosed hypothyroid subjects. Saudi Journal of Sports Medicine. 2015; 15(2):199-205. DOI:10.4103/1319-6308.156375.
- **53.** Sinha Roy P, **Chaudhuri A,** Banerjee S, Adhya D, Chaudhuri S. A study to detect abnormalities in nerve conduction velocities in newly diagnosed hypothyroid subjects and find its correlation with free T<sub>4</sub> levels in a rural population of eastern India.Saudi Journal of Sports Medicine. 2015; 15(2):187-94., DOI:10.4103/1319-6308.156371.
- **54.** Dharmadevan SV, Ghosh S, **Chaudhuri A**, Datta S, Sirdar BK, Singha Roy D. MANAGEMENT OF DISPLACED SUPRACONDYLAR FRACTURE OF HUMERUS IN CHILDREN. Saudi Journal of Sports Medicine. 2015; 15(2):193-200., DOI:10.4103/1319-6308.156374.
- **55.** Dasgupta S, Das S, **Chaudhuri A.** Multiorgan dysfunction due to traumatic Fat Embolism Syndrome: Critical Care and perioperative issues. Saudi Journal of Sports Medicine. 2015; 15(3):281-86., DOI:10.4103/1319-6308.164316.
- **56.** Saha D, **Chaudhuri A**, Ghosh Maulik S, Swaika S, Ghosh D, A. Faizal. Anaesthesia in Congenital Facial Anomalies in a Rural Set up of a Developing Country. JKIMSU 2015; 4(3): 17-23.
- **57.** Naskar D, Ghosh S, **Chaudhuri A**, Datta S, Chatterjee B, De C. STUDY OF RESULTS OF TOTAL HIP REPLACEMENT WITH INDIGENOUS CERAMIC COMPONENTS IN COMBINATION. Saudi Journal of Sports Medicine 2015; 15: 249-53.
- **58.** Ghosh S, De C, **Chaudhuri A**, Sen D. Simple bone cyst with pathological fracture of humerus treated with extensive curettage followed by incorporation of fibular strut graft. Saudi Journal of Sports Medicine 2015; 15: 295-8.
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  - **60.** Naiya S, Ghosh PK, **Chaudhuri A**. Comparative analysis of functional outcomes of different modalities of hemiarthroplasty in the treatment of fracture neck of femur in an elderly population of rural Bengal. Saudi Journal of Sports Medicine 2015; 15: 231-7.

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- **62.** Sinha S, Ghosh S, **Chaudhuri A**, Datta S, Ghosh PK, Patil DG. COMPARATIVE STUDY OF INTRAMEDULLARY NAILING VERSUS EXTERNAL FIXATION IN THE MANAGEMENT OF GUSTILO TYPE II, IIIA AND IIIB TIBIAL SHAFT FRACTURES. Saudi Journal of Sports Medicine. 2015; 15: 262-8.
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- **66.** Chaudhuri A, Goswami A, Ray M, Hazra SK, Bera S. Comparative study of effect of progressive muscle relaxation and walking on stress and cardiovascular profile in young adults of health sector. Saudi J Sports Med 2016; 16: 47-52.
- **67. Chaudhuri A**, Goswami A, Ray M, Hazra SK. To study impact of stress on education and health profile of newly admitted medical students in a medical college of Eastern India. Saudi J Sports Med 2016; 16: 41-6.
- **68.** Kumar I, **Chaudhuri A**, Acharya S, Ghosh PK, Acharya PP, De A. Recovery patterns of spinal cord injury after traumatic cervical cord injury in a developing country. Saudi J Sports Med 2016; 16: 128-32.
- **69.** Dasgupta S, Singh SS, **Chaudhuri A**, Bhattacharya D, Choudhury SD. Airway accidents in critical care unit: A 3-year retrospective study in a Public Teaching Hospital of Eastern India. Indian J Crit Care Med 2016;20:91-6.
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- **72.** Dasgupta S, **Chaudhuri A**, Biswas P, Si S. Acute flaccid paralysis and seizure induced pneumothorax can accompany Japanese encephalitis. J Sci Soc 2016;43:27-9.
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  - **76.** Majumdar S, **Chaudhuri A**, Ghar M, Rahaman WB, Hai A. Effect of obesity on nerve conduction study in healthy young adults in an urban population of a developing country. Saudi Journal of Sports Medicine 2017; 17: 162-7.
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  - **80.** Goswami A, **Chaudhuri A**, Samanta A, Guha A, Nandi K, Nandy S. Study of stress response to novel laboratory challenges in relation to body fat distribution in normal young adults and habituation to repeated stress challenges. Saudi J Sports Med 2019: 19; 6-12.
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- **83. Chaudhuri A**, Koner S. A study of correlation of perceived stress with serum prolactin levels in newly diagnosed cases of hypothyroidism in females in an urban population of a developing country. International Journal of Research and Review. 2018; 5(11):154-162.
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- **85.** Banerjee D, Kanrar P, Ghosh B, **Chaudhuri A.** A study to compare the safety and efficacy of intravaginal mifepristone -misoprostol combination, with extra-amniotic ethacridine lactate for mid trimester pregnancy termination in a tertiary care center of West Bengal. International Journal of Research and Review. 2018; 5(12):1-8.
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- **92.** Koner S, **Chaudhuri A.** Alteration in serum creatine phosphokinase in hypothyroid female subjects of reproductive age group in an urban population in eastern India: a cross sectional observational study. International Journal of Research and Review. 2019; 6(4):50-56.

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- **99. Chaudhuri A**, Ray M. Prevalence of stress and its relation to different precipitating factors among urban females of reproductive age group in Burdwan, India. Med J DY Patil Vidyapeeth 2019; 12: 495-502.
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