



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

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## Nephrology

### FACULTY

Dr. Sanjay Dasgupta	Professor & HOD
Dr. Arunansu Bandyopadhyay	Professor
Dr. Kanai Lal Karmakar	Associate Professor
Dr. Koushik Bhattacharjee	Assistant Professor
Dr. Atanu Pal	Assistant Professor
Dr. Arif Hossain	RMO Cum clinical tutor
Dr. Manoj Das	RMO Cum Clinical tutor
Dr. Shrabani Shil	RMO cum clinical tutor
Dr. Md. Sirajul Islam	RMO cum clinical tutor
Dr Sital Dey	Medical Officer
Dr Koushambi Santra	Medical Officer

### Senior Residents

1. Dr. Abhirup Bhuinya
2. Dr. Saugat Dasgupta
3. Dr. Puranjoy Chakraborty
4. Dr. Rajarshi Datta

### Postgraduate Trainees

Session 2021-2024	Session 2020-2023
Dr. Gopambhuj Singh Rathod	Dr. Aniruddha Datta
Dr. Raja Singhal	Dr. Sudipto Ghosh
Dr. Neeraj Saini	Dr. Anirban Sen
Dr. Tanmay Barai	Dr. Soumyajit Mukherjee
Dr. Sanjana Sharma	Dr. Soumyadip Kar
Dr. Tathagata Mukherjee	Dr. Sourav Sadhukhan
Dr. Kathirvel M	Dr. Tarak Chowdhury
Dr. Rajnarayan Mukherjee	Dr. Ankit Roy
Dr. Abhishek Vashishth	Dr. Aditya Mishra
Dr. Muzammil Ahmed Andrabi	Dr. Taniya Bhuiya

### DIPLOMA IN DIALYSIS TECHNIQUE COURSE

For the course in Diploma in Dialysis Techniques:  
In the MT Dialysis final examination of 2022

Number of students appeared

- Preliminary examination: 8
- Final examination: 7

## ACADEMIC ACTIVITY

Regular academic events held on Monday to Saturday at seminar room of Nephrology –Urology building / online platform:

<ol style="list-style-type: none"><li>1. December 2021:<ul style="list-style-type: none"><li>• case presentation: 7</li><li>• Class/ Seminar: 8</li><li>• CPC: 2</li></ul></li><li>2. January 2022:<ul style="list-style-type: none"><li>• Case presentation: 5</li><li>• Class/Seminar: 9</li></ul></li><li>3. February 2022:<ul style="list-style-type: none"><li>• Case presentation: 4</li><li>• Class/Seminar: 13</li><li>• Journal club 4</li></ul></li><li>4. March 2022:<ul style="list-style-type: none"><li>• Case presentation: 6</li><li>• Class/Seminar: 14</li><li>• Journal Club: 3</li></ul></li><li>5. April 2022:<ul style="list-style-type: none"><li>• 2- day Hands on Workshop on Peritoneal Dialysis</li><li>• Case presentation: 4</li><li>• Class/Seminar: 6</li><li>• Journal club: 2</li></ul></li></ol>	<ol style="list-style-type: none"><li>6. May 2022:<ul style="list-style-type: none"><li>• Case presentation: 3</li><li>• Class/Seminar: 20</li></ul></li><li>7. June 2022:<ul style="list-style-type: none"><li>• Class/ Seminar: 24</li></ul></li><li>8. July 2022:<ul style="list-style-type: none"><li>• Class/Seminar: 10</li><li>• Journal club : 2</li></ul></li><li>9. August 2022:<ul style="list-style-type: none"><li>• Class/ Seminar: 18</li></ul></li><li>10. September 2022:<ul style="list-style-type: none"><li>• Class/Seminar : 15</li><li>• Case presentation : 9</li></ul></li><li>11. October 2022 :<ul style="list-style-type: none"><li>• Case presentation : 4</li><li>• Class /Seminar : 8</li></ul></li><li>12. November 2022:<ul style="list-style-type: none"><li>• Class/Seminar : 10</li><li>• Case presentation : 5</li></ul></li></ol>
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## RESEARCH ACTIVITY

### Research projects (Currently ongoing)

1. Effect of Metformin therapy on progression of Autosomal Dominant Polycystic Kidney Disease: an open label 2:1 randomized controlled trial
2. Open labelled prospective randomized controlled trial of Denosumab on osteoporosis in kidney transplant recipients
3. Epidemiology and outcome of acute kidney injury in children aged between one month and twelve years in a tertiary care hospital
4. Role of Rituximab and IVIG in severe Lupus Nephritis: a single center open label randomized controlled trial
5. Epidemiology and outcomes of pregnancy related Acute Kidney Injury in a tertiary care centre of eastern India: an observational study
6. Randomized control trial comparing Modified Ponticelli Regimen and Rituximab in Idiopathic Membranous Nephropathy - long term follow up
7. Clinicopathological profile and relationship of urinary Interleukin-10 with disease activity in pediatric Lupus Nephritis
8. A case control study of Asymptomatic Hyponatremia in patients with chronic kidney disease
9. Post-transplant diarrhea - an observational study regarding clinical profile and outcome
10. Comparison of dapagliflozin vs standard antiproteinuric treatment in patients with primary glomerular disorders - an open label randomized controlled trial.
11. Serum AntiPLA2R antibody level and prognostication of outcome of primary MN
12. Spectrum and Outcome of Cardiorenal Syndrome in Cardiac Critical Care unit patients in a tertiary healthcare center in Eastern India: A prospective observational study

13. Profile of MGRS patients in a tertiary care hospital: An observational and prospective study
14. Calcineurin inhibitor nephrotoxicity in patients with Nephrotic Syndrome on long term Tacrolimus Therapy
15. Profile of AKI patients in critical care unit: prevalence and outcome.
16. Short term observational study on effect of Budesonide in IgA Nephropathy in a tertiary care Hospital
17. Comparison of MMF vs CNI in management of Lupus Nephritis Class V.
18. Assessment of CMV DNA PCR in renal transplant donor and recipient and outcome of CMV infection in early post-transplant period
19. Comparative outcomes of Tocilizumab vs IVIG in Chronic active Antibody Mediated Rejection in Renal transplant patients
20. Characteristics and outcomes of glomerulonephritis with membranoproliferative pattern in a tertiary care center: A retrospective study.
21. The Indian Chronic Kidney Disease Study.
22. A randomized double-blind placebo controlled parallel group multicentric phase 3 study to investigate the efficacy and safety of Finerenone in addition to standard of care, on the progression of kidney diseases in patients with non-diabetic chronic kidney disease.
23. A phase IIb randomized, double blinded placebo-controlled dose ranging study to evaluate the efficacy and safety of Atacicept in subjects with IgA nephropathy
24. A phase 2b randomized double blind active-controlled multi-centric study to evaluate the efficacy safety and tolerability of oral AZD9977 and Dapagliflozin treatment in patients with heart failure and CKD.

## PUBLICATIONS

1. Does Post-Covid Reactive Arthritis exist? Experience of a tertiary care center with a review of literature : Dr. Atanu Pal Dr. Rashmi Roongta, Dr. Sumantra Mondal Dr. Debanjali Sinha Dr. Pradyot Sinhamahapatra Dr. Alkendu Ghosh Dr Arghya Chattopadhyay Reumatologia Clinica : 2022 march
2. Covid 19 in Hemodialysis: A Prospective, Observational Single Center Data from Eastern India: Dr. Atanu Pal
3. Assessment of Depression and Anxiety in Chronic Kidney Disease: A Cross sectional Observation Study: Dr. Koushik Bhattacharjee Dr. Atanu Pal Dr. Arpita Ray Chaudhury Dr. Debabrata Sen Dr. Sourav Shristi Arabinda Das July 2022 : Journal of the Indian Academy Applied Psychology
4. Association of Lipid Profile ratios to Diabetes Mellitus and Hypertension in an Indian Population: Dr. Atanu Pal, Arabinda Das, April 2022: Indian Journal of Public Health Research and Development.
5. Assessment of prevalence and risk factors of pulmonary hypertension in various stages of chronic kidney disease: Experience from Eastern India : Dr. Koushik Bhattacharjee : Accepted for publication in the Saudi journal of Kidney Diseases and Transplantation.
6. Is Early COVID-19 in Kidney Transplant Recipients Concerning Enough to Halt Transplantation? A Multicenter Comparative Analysis from India Hari Shankar Meshram , Vivek B. Kutea \*, Himanshu V. Patel , Umapati Hegde , Pratik Das , Keshab Sil , Manisha Sahay , Sree Bhushan Raju , Arpita Ray Chaudhury, Vishwanath Siddini , Vivek Pathak , M.M. Bahaduri , Urmila Anand , Amresh Krishna , Abi Abraham , Ansy H. Patel, Vineet Mishra , and Sanshriti Chauhan
7. Impact of COVID-19 in transplantation and nephrology in India: A nationwide report from India V.kute , H.Meshram, A. Ray Chaudhury et al Transplantation proceedings 2021
8. Update on Covid Vaccine guidelines for transplant recipients for transplant recipients : V. Kute , H. Meshram, A. Sharma, A. Ray Chaudhury et al, accepted in Transplantation Proceedings 2021
9. Khandelwal GK, Sengupta M, Basu K, Roychowdhury A. Lupus vasculopathy- An underappreciated pathology. Indian J Pathol Microbiol. 2022 Apr-Jun;65(2):487-490. doi: 10.4103/IJPM.IJPM\_1076\_20. PMID: 35435405.
10. Pal A, Ray Chaudhury A, Bhuiya Abhirup et al : A randomized controlled trial comparing remission induction with modified multitarget therapy with intravenous cyclophosphamide in proliferative lupus nephritis", is accepted for publication in the Indian journal of nephrology in Dec 2021
11. Sinha R, Ray Chaudhury A, Sarkar S, et al. High Incidence of COL4A Genetic Variants Among a Cohort of Children With Steroid-Resistant Nephrotic Syndrome From Eastern India. Kidney Int Rep. 2022;7(4):913-915. Published 2022 Jan 17. doi:10.1016/j.ekir.2022.01.1047

12. Basu M, Pulai S, Neogi S, Arpita Ray Chaudhury, Sujoy Ghosh et al. Prevalence of non-diabetic kidney disease and inability of clinical predictors to differentiate it from diabetic kidney disease: results from a prospectively performed renal biopsy study. *BMJ Open Diab Res Care* 2022;10:e003058. doi:10.1136/ bmjdrc-2022-003058.
13. Three shades of black -secondary thrombotic microangiopathy. Dr Saugat Dasgupta , Dr.Moumita Sengupta, Dr. Keya Basu, *Indian Journal of Pathology and Microbiology*.
14. Dr Koushik Bhattacharjee contributed as author for chapter writing in the book *Clinical Pearls in General Practice*.
15. Dr Koushik Bhattacharjee authored the chapter on Renal System of the book *LC Gupta's Practical Standard Prescriber 10/e*

### **Oral presentations (Faculty)**

1. Peritoneal dialysis catheter insertion: nephrologist's perspectives: Dr. Arpita Raychaudhury ISNCON 2022
2. Dialysis in your region in Covid times: Dr Arpita Raychaudhury : UK Kidney Week.
3. Budesonide in IgA Nephropathy: an Randomized control trial: Dr. Arpita Raychaudhury : World Congress of Nephrology
4. Presentations as faculty in National Nephology meetings: Dr Arpita Raychaudhury
  - AVATAR/NSW 2022
  - ISOT 2022
  - ISNCON 2022
  - CritiCon 2022
  - Gericon 2022
  - Renal Nutrition SRMCON 2022
5. Presentations as faculty in Zonal Nephology meetings: Dr Arpita Raychaudhury
  - ISN EastCon
6. Why eGFR? : Panel discussion : Dr Atanu Pal : HopeCon 2022
7. Vasculitis Clinic: Session chair and panel discussion: Dr Atanu pal IRACON 2022
8. Pulmonary Renal Syndrome: Dr. Atanu Pal: ISCCM Conference 2022.
9. Plasmapheresis in RPGN due to AAV: Debate: Dr Atanu Pal: midterm CME of West Bengal chapter of IRA
10. Renal tubular acidosis in Sjogren Syndrome : chaired session : Dr. Atanu Pal: Symposium of Rheumatology beyond Joints 2022
11. CKD and Hyperuricemia: Dr Atanu Pal: Nephro-Rheumato Interface 2022
12. Nephrologist perspective on role of Empagliflozin at Nephro-Cardio-Endo cross talk 2022.

### **Oral presentations (Residents)**

1. Experience of Percutaneous Transluminal Angioplasty in AV Fistula in a Tertiary care Hospital in Eastern India: A Case Series: presented at AVATAR /NSW 2022
2. Single Centre experience of Metformin therapy in ADPKD: ISNCON 2022
3. ANCA negative Pauci-immune crescentic Glomerulonephritis: A single center experience from Eastern India. ISNCON 2022
4. A single center prospective randomized parallel group study on role of Sodium Bicarbonate therapy in retarding chronic kidney disease progression: ISNCON 2022
5. Post-transplant Diarrhoea- an observational study regarding clinical profile and outcome: WINCON 2022.
6. Outcome of Tunneled Cuffed Catheter as Hemodialysis access: a single center experience in a tertiary care center in Eastern India: ISN EASTCON 2022
7. A retrospective analysis of therapeutic plasma exchange in a tertiary care center of Eastern India: ISN EASTCON 2022
8. Two Mimickers together: Case presentation of concurrent Actinomyces and TB: Regional Tac summit.

### **Posters presented:**

1. Anti-GBM disease: One-and-a-half-year experience from a Tertiary care center. ISNCON 2022
2. ANCA vasculitis: A retrospective observational study of clinical spectrum and induction of remission – Experience of a tertiary care center: ISNCON2022
3. Serum AntiPLA2R antibody level in Primary Membranous Nephropathy: Can that predict response to therapy: ISNCON 2022
4. Epidemiology and outcomes of Pregnancy related Acute Kidney Injury in a Tertiary care center of Eastern India: An observational study: ISNCON2022
5. ANCA negative Pauci-immune crescentic Glomerulonephritis: A single center experience from Eastern India. ISNCON 2022
6. Monoclonal Gammopathy of Renal Significance: A single center experience. ISNCON 2022
7. Covid -19 infection in renal allograft recipients: A single center study from Eastern India: ISOT 2022
8. A single center experience of post renal transplant infections in a tertiary care center in Eastern India: ISOT 2022
9. Outcome of Central Venoplasty in a tertiary care center in Eastern India: AVATAR/NSW 2022.
10. Role of Rituximab in maintaining long term remission of Idiopathic difficult to treat Childhood Onset Nephrotic Syndrome. ISNCON 2022
11. Covid associated glomerulonephritis- An alarm for atypical infection related glomerulonephritis. ISN-Frontiers meet 202

**Awards:**

- A single center prospective randomized parallel group study on role of Sodium Bicarbonate therapy in retarding chronic kidney disease progression: Awarded Third best oral presentation of the session ISNCON 2022:
- Role of Rituximab in maintaining long term remission of Idiopathic difficult to treat Childhood Onset Nephrotic Syndrome. Awarded Second best poster of the session. ISNCON 2022.
- Outcome of Central Venoplasty in a tertiary care center in Eastern India: Awarded Best Poster for the session. AVATAR/NSW 2022.

**Abstracts accepted for World Congress of Nephrology 2023:**

1. Metformin in retarding progression of ADPKD: experience from a single center.
2. A single center experience of post renal transplant infections in a tertiary care center in Eastern India.
3. Outcome of Tunneled Cuffed Catheter as Hemodialysis access: a single center experience in a tertiary care center in Eastern India
4. ANCA negative Pauci-immune crescentic Glomerulonephritis: A single center experience from Eastern India.
5. Outcome of Central Venoplasty and Balloon Fistuloplasty in a tertiary care center in Eastern India
6. Epidemiology and outcomes of Pregnancy related Acute Kidney Injury in a Tertiary care center of Eastern India: An observational study.

**Special Contribution:**

1. Dr Koushik Bhattacharjee: Contribution for advisory committee member for formulating guidelines in post covid renal sequel
2. Dr Koushik Bhattacharjee: As Nodal officer of IPGMER for Tele-nephrology services under 'Swasthya Ingit' project started from 19<sup>th</sup> May 2022.
3. Dr Arpita Raychaudhury: selected as member of CKD National task Force.
4. Dr Arpita Raychaudhury: selected as member of Apex Technical Committee of NOTTO.
5. API- ISN collaborative meeting on Glomerular diseases

**SERVICE INFORMATION**

MONTH	INDOOR ADMISSION	INDOOR ADMISSION MALE	INDOOR ADMISSION FEMALE	LIVE TRANSPLANT	CADAVERIC TRANSPLANT	OPD ATTENDANCE (OLD/NEW)
DEC 21	120	78	42	2	2	2399 /4001
JAN 22	116	75	41	2	0	2680/ 3867
FEB 22	103	65	38	2	0	2055/ 4004
MARCH 22	112	81	31	5	2	2690/ 4526
APRIL 22	115	82	33	1	0	2409/ 4289
MAY 22	121	83	38	2	1	2658/ 4574
JUNE 22	130	84	46	4	2	2211/ 4825
JULY 22	119	79	40	3	3	2996/ 4880
AUGUST 22	124	88	36	4	0	2597/ 5262
SEP 22	113	68	45	3	0	2974/ 5204
OCT 22	104	69	35	1	2	1887/ 3994
NOV 22	111	72	39	3	0	3033/ 5101
<b>TOTAL</b>	<b>1388</b>	<b>924</b>	<b>464</b>	<b>32</b>	<b>12</b>	<b>30589/54527 (Total: 85116)</b>

## HEMODIALYSIS UNIT, NEPHROLOGY

Month	Hemo dialysis	Perma cath insertion	IJV/ femoral insertion	Renal biopsy	Plasma pheresis	Perm cath removal	AV fistula creation	CAPD cath insertion	Inj Rituximab	Inj Endoxan/ Cyclophos
DEC '21	1141	45	272	122	39	02	00	1	7	24
JAN '22	972	38	242	103	32	01	00	5	8	20
FEB '22	912	55	260	95	36	03	00	1	6	16
MAR '22	944	25	249	117	27	01	00	0	23	24
APR '22	1051	28	252	99	29	02	00	3	21	20
MAY '22	1145	34	288	109	28	04	00	3	11	16
JUN '22	1159	23	274	159	14	03	00	1	14	12
JULY '22	1153	48	282	156	56	02	00	1	23	21
AUG '22	1082	39	281	137	53	03	00	1	24	26
SEP '22	936	30	259	146	59	01	00	2	21	20
OCT '22	1009	33	251	101	55	02	00	0	22	26
NOV '22	912	42	258	133	93	03	00	1	22	21
<b>TOTAL</b>	<b>12416</b>	<b>440</b>	<b>3168</b>	<b>1477</b>	<b>467</b>	<b>27</b>	<b>00</b>	<b>19</b>	<b>202</b>	<b>246</b>

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