



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

Nephrology

FACULTY

Dr. Debabrata Sen	Professor & Head
Dr. Rajendra Pandey	Professor
Dr. Arpita Raychaudhury	Professor
Dr. Dipankar Sircar	Associate Professor
Dr. Koushik Bhattacharjee	Assistant Professors
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

Senior Residents

Dr. Abhirup Bhuiya

Postdoctoral Trainees

Session 2020-2023	Session 2019-2022	Session 2018-2021
Dr. Aniruddha Datta	Dr. Arjun Roy	Dr. Abhishek Kumar
Dr. Sudipto Ghosh	Dr. Puranjoy Chakraborty	Dr. Saugat Dasgupta
Dr. Anirban Sen	Dr. Sourav Shristi	Dr. Subhashis Dey
Dr. Soumyajit Mukherjee	Dr. RAjarshi Datta	Dr. Gaurav Kumar Khandelwal
Dr. Soumyadip Kar	Dr. Tejasvi Sharma	Dr. Pradip Kumar Das
Dr. Sourav Sadhukhan	Dr. G M Bhat	Dr. Syed Mubashir Nissar
Dr. Tarak Chowdhury		
Dr. Ankit Roy		
Dr. Aditya Mishra		
Dr. Taniya Bhuiya		

DIPLOMA IN DIALYSIS TECHNIQUE COURSE

In the MT Dialysis final examination of 2021

Number of student appeared

- Preliminary examination : 8
- Final examination : 28

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 dapaglifozin vs standard antiproteinuric treatment in patients with primary glomerular disorders - an open label randomized controlled trial.
11. Allopurinol for CVD in CKD : a Double blind Randomized Control Trial
12. Prevalence of Pulmonary Arterial Hypertension in CKD patients
13. A Study on Incidence and Clinical Significance of De Novo Donor Specific Antibodies in Renal Allograft Recipients
14. Role of Rituximab in maintaining long term remission of Idiopathic Steroid Dependant and Steroid Resistant nephrotic syndrome
15. A single centre prospective randomized parallel group study on the role of Sodium Bicarbonate therapy in retarding Chronic Kidney Disease Progression .
16. Prevalence of Coronary Artery Calcification in CKD patients.

PUBLICATIONS

- Scleroderma Renal crisis with normal blood pressure ; A diagnostic dilemma solved by Renal biopsy : Dr. Anirban Sen, Dr. Atanu Pal, Dr. Ankit Ray : Published September 24 2021 in ACTA Scientific Clinical Case Reports
- Interstitial Nephritis as the initial presentation of Sjogren Syndrome : A Case Report with Review of Literature: Dr. Anirban Sen, Dr. Atanu Pal, Dr. Ankit Ray, Dr. Koushik Bhattacharjee, Dr. Dipankar Sircar, Dr. Arpita RoyChowdhury, Dr. Debabrata Sen: Published 25th September in Asian Journal of Case Reports in Medicine And Health.
- Late onset Nephrotic syndrome with Thyroid hypoplasia and nup85 mutation in Galloway-Mowat Syndrome : A case report. Dr.Anirban Sen Dr.Atanu Pal , Dr.Ankit Ray, Dr.Koushik Bhattacharjee, Dr.Dipankar Sircar ,Dr.Arпита Ray Chaudhury Dr.Debabrata Sen , Published 13 th august Indian Journal of Case Reports.
- A Tale of Tripartite : An experience from a tertiary care centre of Eastern India : Dr.Moumita Sengupta , Dr.Saugat Dasgupta , Dr Keya Basu, Dr.Arпита Ray Cahudhury , Dr Rajendra Pandey , Dr. Monimay Bandopadhyay ; Published Indian Journal of Pathology and Microbiology ,Vol 64 issue 3 July Spetember 2021
- Urine risk scoring in assessing long term outcome of Acute Kidney Injury/Acute kidney disease (AKI/AKD) with risk of progression to Chronic Kidney Disease(CKD). Dr.Saugat Dasgupta Dr.Arпита Ray Chaudhury Dr.Abhishek Kumar Dr.smartya Pulai Dr.Atanu Pal Dr.Koushik Bhattacharya Dr.Dipankar Sircar Dr.Debabrata Sen Dr Keya Basu Dr.Moumita Sengupta Dr.Rajendra Pandey
Accepted abstract for World Congress Of Nephrology 2022 Acute Kidney injury clinical , drugs AKI-CKD continuum .
- A Study Comparing Rituximab And Modified Ponticelli Regimen In Primary Membranous Nephropathy : Abstack PO1646 Published in JASN Kidney week 2021 Dr.Abhishek Kumar (Corresponding author) Dr.Arпита Ray Chaudhury Dr.Saugat Dasgupta Dr.Sriranjan mukherjee Dr.Moumita Sengupta
- Utility of serum Anti PLA2R antibody as a biomarker in Membranous Nephropathy: An experience from a tertiary care centre of Eastern India Dr.Abhishek Kumar (Corresponding Author) Article accepted for publication in Indian Journal of Pathology and Microbiology

- COVID 19 In Hemodialysis: A prospective Observational Single centre data from eastern India: Dr.Abhishek Kumar (Corresponding Author) Accepted for Publication as letter to editor in Indian Journal of Nephrology.
- Heavy Chain deposition Disease in a case of Clear Cell Carcinoma –A Jack in the Box: Dr.Abhishek Kumar (corresponding Author) Accepted for publication in Indian Journal of Pathology and Microbiology.
- Targeted release Budesonide Therapy Versus Conservative Management in Immunoglobulin A Nephropathy: An Open label Randomized Controlled Trial. Dr.Pradeep Das Dr.Arпита Ray Chaudhury ,Dr Saugat Dasgupta Accepted abstract for World Congress of Nephrology 2022

ACADEMIC ACTIVITIES IN 2020-2021

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

A> Seminar topics encompassing renal physiology and renal diseases :

DECEMBER 2020 : 14 SESSIONS
 JANUARY 2021 : 12 SESSIONS
 FEBRUARY 2021 : 9 SESSIONS

B> Academic case presentation and discussions :

DECEMBER 2020 : 07 SESSIONS
 JANUARY 2021 : 09 SESSIONS
 FEBRUARY 2021 : 06 SESSIONS

C> Total seminar topics conducted over videoconferencing platform (ZOOM) for the period of

March 2021 to November 2021 :

March 2021 : 12
 April 2021 : 14
 May 2021 : 12
 June 2021 : 10
 July 2021 : 12
 August 2021 : 16
 September 2021 : 16
 October 2021 : 12
 November 2021 : 16

D> Total academic case presentations conducted over videoconferencing platform (ZOOM) for the period of March 2020 to November 2020

March 2021 : 5
 April 2021 : 4
 May 2021 : 4
 June 2021 : 4
 July 2021 : 3
 August 2021 : 4
 September 2021 : 6
 October 2021 : 3
 November 2021 : 6

Other academic achievements

- Acute kidney injury across two continents:(March 2021) : ANGLO-INDIAN VIRTUAL AKI SYMPOSIUM. : third best Abstract
- Dr. Saugat Dasgupta : Clinical and Urine Risk scoring in assessing long-term outcomes of AKI/AKD with risk of progression to Chronic Kidney Disease
- Dr. Syed Mubashir Nissar: winner of TYSA Nephrology award .

SPECIAL CONTRIBUTION : COVID-19 :

All the Faculty members and Postgraduate Students actively participated in Covid-19 patient care services by carrying out

1. Regular duties in the Covid-19 wards of Shambhunath Pandit Hospital.
2. Taking Rounds as VP.
3. Attending Nephrology Referrals from Shambhunath Pandit Hospital and MR Bangur covid Hospital.
4. Dialysis Services for Covid -19 positive patients from Shambhunath Pandit Hospital and MR Bangur Hospital.
5. Data Collection of Covid-19 patients with AKI.
6. Active participation of faculty members in the "Pediatric Dialysis Training Programme" organized by Department of Health And Family Welfare, aimed at combating Covid-19 third wave from 2/8/21 to 7/8/21.

NEPHROLOGY ANNUAL PERFORMANCE REPORT 2020-2021

Month	Indoor admissions	Indoor Male	Indoor Female	Renal transplants (Total)	Cadaveric transplants	OPD Attendance (Total / New)
DEC 20	79	43	36	2	0	4315 / 3199
JAN 21	95	46	49	2	0	5199 / 3779
FEB 21	95	39	56	4	1	4722 / 3587
MAR 21	111	58	53	3	1	6529 / 4600
APR 21	104	63	41	2	0	4725 / 3356
MAY 21	86	47	39	2	0	2231 / 1443
JUN 21	104	55	49	2	0	3081 / 2161
JUL 21	115	68	47	9	7	4532 / 3296
AUG 21	107	56	51	3	0	5206 / 3786
SEP 21	103	51	52	5	2	5618 / 3862
OCT 21	75	46	29	4	2	5388 / 3759
NOV 21	107	69	38	1	0	5886 / 4143
TOTAL	1181	641	540	39	13	40971/16451 (57422)

ANNUAL PERFORMANCE REPORT 2020-2021 – HEMODIALYSIS UNIT

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 20	889	11	280	71	51	02	00	-	07	18
JAN 21	1098	36	330	103	73	01	03	-	12	12
FEB 21	1036	11	286	112	61	02	00	1	14	13
MAR 21	1172	14	392	141	30	02	00	6	32	32
APR 21	1113	26	257	74	37	01	00	2	14	21
MAY 21	961	17	272	52	44	03	00	2	11	16
JUN 21	1217	23	337	63	63	01	00	1	10	25
JUL 21	1114	29	307	70	29	02	00	0	24	20
AUG 21	1100	24	302	105	43	03	00	0	21	21
SEP 21	1038	34	270	113	37	01	00	0	22	15
OCT 21	1069	49	300	97	39	06	00	1	28	28
NOV 21	1044	55	319	115	38	02	00	2	06	22
TOTAL	12851	329	3652	1116	545	26	03	14	201	243
