

Indian Society of Pediatric Nephrology



Pediatric Nephrology Core Curriculum

Nephrology Education from a Pediatrics Residents Outlook (NEfPRO)

- *Aims:* Impart education in pediatric nephrology to postgraduate trainees, improve care for acute and chronic kidney disease, enhance postgraduates' interest in the specialty
- *Target audience:* Postgraduate trainees/residents in pediatrics and pediatric nephrology fellows
- *Format:* Weekly webinars (live sessions) on an online platform accessed only by registered participants and ISPN faculty
- *Content:* Pre-recorded talks and reading list to be posted online a week ahead of the session, followed by live discussion during webinars every Friday from 07:00 PM to 8:30 PM
 - Play recorded lecture: 07:00-07:30 PM (for participants who did not watch already)
 - Case-based discussion: 07:30-08:00 PM
 - Answering questions of audience: 08:00-08:15 PM
 - Post-test questions (five) and answers: 15 minutes
 - Announcement of the next session; release of its lecture and reading: 5 minutes
- *Course duration:* Six modules, comprising 32 sessions over six months (see enclosed list)

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S. No.	Date	Topic	Presenter	Discussants
Module I: Physiology and diagnostic approaches			Moderators: Susan Uthup, Indira Agarwal	
1	10 March 2023	Applied renal physiology	Sudarshan Krishnasamy	Georgie Mathew
2	17 March 2023	Assessment of kidney functions	Christy C. Thomas	Priya Pais
3	24 March 2023	Evaluation of hematuria	Rahul Sharma	Bobbity Deepthi
4	31 March 2023	Radiological imaging and nuclear scintigraphy in kidney disorders	Girish Bhatt	Kanika Kapoor, Manisha Jana, Nishikant A. Damle
5	7 April 2023	Kidney biopsy & its interpretation	Geetika Singh	Sriram Krishnamurthy
6	14 April 2023	Genetics in childhood kidney diseases	Anil Vasudevan	Alpana Ohri
Module II: Glomerular diseases			Moderators: Arvind Bagga, Sushmita Banerjee	
7	21 April 2023	Steroid sensitive nephrotic syndrome	Aditi Sinha	Sudha Ekambaram
8	28 April 2023	Steroid resistant nephrotic syndrome	Arvind Bagga	Subhankar Sarkar
9	5 May 2023	IgA nephropathy & IgA vasculitis	Mukta Mantan	Radhika C
10	12 May 2023	Acute Glomerulonephritis	Jitendra Meena	Puneet Singh
11	19 May 2023	Rapidly progressive GN	Georgie Mathew	Arpita Gogoi
12	26 May 2023	Lupus nephritis	Priyanka Khandelwal	Lesia Dawman

Module III: Acute kidney injury (AKI)			Moderators: OP Mishra, Amarjeet Mehta	
13	2 June 2023	AKI: Diagnosis & management	Jitendra Meena	Manish Kumar
14	9 June 2023	Kidney support therapies in AKI	Menka Yadav	Siddharth Sethi
15	16 June 2023	Hemolytic uremic syndrome	Aditi Sinha	Kalaivani Ganesan
Module IV: Tubular disorders			Moderators: Arvind Bagga, Jyoti Sharma	
16	23 June 2023	Approach to polyuria	Georgie Mathew	Abhijeet Saha
17	30 June 2023	Approach to hypokalemic metabolic alkalosis	Menka Yadav	Kiran Sathe
18	7 July 2023	Dysnatremias	Sumantra Raut	Kamran Afzal
19	14 July 2023	Dyskalemias	Srinivasavaradan SG	Jyoti Singhal
20	21 July 2023	Renal tubular acidosis	Jitendra Meena	Nilam H Thaker
21	28 July 2023	Refractory rickets	Aditi Sharma	Abhishek Abhinay
22	04 August 2023	Nephrolithiasis & nephrocalcinosis	Aliza Mittal	Kinnari Vala
Module V: Congenital disorders of kidney and urinary tract			Moderators: Madhuri Kanitkar, Pankaj Hari	
23	11 August 2023	Urinary tract infection & primary VUR	Pankaj Hari	Neha Aggarwal
24	18 August 2023	Voiding physiology & nocturnal enuresis	Suprita Kalra	Kanav Anand
25	25 August 2023	Voiding dysfunction (including neurogenic bladder)	Ranjeet Thergaonkar	Anshuman Saha
26	1 September 2023	Approach to CAKUT	Rachita Dhull	Anand Gupta
27	8 September 2023	Antenatal hydronephrosis	Shobha Sharma	Subhal Pradhan
28	15 September 2023	Management of cystic kidney diseases	Christy C. Thomas	Deblina Dasgupta
Module VI: Chronic kidney disease			Moderators: Uma Ali, Arpana Iyengar	
29	17 September 2023	Evaluation of CKD in children	Mahesh V	Afsana Jahan
30	22 September 2023	Complications of CKD & their management	Sukanya Govindan	Hamsa V Reddy
31	24 September 2023	Kidney replacement therapy in ESKD	Nivedita Kamath	Rajiv Sinha
32	29 September 2023	Approach to hypertension	Kirtisudha Mishra	Prajal Aggarwal