



64th National Conference of Indian Academy of Pediatrics

PEDICON 2027 COIMBATORE

Theme: Transforming Young Lives: Digital to Bedside Pediatric Care



January 27th - 31st 2027 | Codissia Trade Fair Complex, Coimbatore, Tamil Nadu

PRACTICAL PEDIATRIC NEPHROLOGY: DIAGNOSTICS TO DIALYSIS

VENUE: Coimbatore Kidney Centre, Coimbatore

Date- 27th Jan 2027 | Time- 8:00 am to 5:00 pm

WORKSHOP
REGISTRATION FEE
DELEGATE: 2500/-
PG: 2000/-

HIGHLIGHTS:

1. Kidney Replacement Therapy

- Hands-on training in Acute Peritoneal Dialysis (PD) including Neonatal PD
- Basics of PD prescription and complication management
- Brief overview of HD, SLED, and CKRT
- Choosing the right dialysis modality

2. Fluid & Electrolyte Management

- Assessing fluid status in children and calculating fluid requirements
- Practical management of common electrolyte disturbances
- Interactive case-based discussions

3. Ultrasonography and POCUS

- Basics of renal ultrasound and identifying common kidney abnormalities
- Bedside POCUS for quick assessment including volume status evaluation and bladder scans

WHO CAN ATTEND?

- Pediatric intensivists
- Neonatologists
- Pediatric postgraduates
- Pediatricians



CO-ORDINATORS:

National Co-ordinator: Dr. P Anil Kumar | State Co-ordinator: Dr. Sasidaran Kandasamy

Local Co-ordinators: Dr. Deepthi Shetty | Dr. Anurega Selvaraj

FACULTIES: Dr. P. Anil Kumar | Dr. Indira Agarwal | Dr. Anand S Vasudev | Dr. Siddharth Kumar Sethi |

Dr. Sasidaran Kandasamy | Dr. Anil Vasudevan | Dr. K.S. Ramalingam | Dr. Kalaivani Ganesan |

Dr. Sudharshan K | Dr. Sunil Reddy K G | Dr. Deepthi Shetty | Dr. Anurega Selvaraj | Dr. Neha Bhandari

PRACTICAL PEDIATRIC NEPHROLOGY: DIAGNOSTICS TO DIALYSIS

SCHEDULE:

Time	Topic	Faculty
8 - 8.30 am	Registration	
8.30 - 9am	Understanding acute kidney injury: Spectrum and clinical approach	Dr. Anand Vasudev
9 - 9.20 am	Acute peritoneal dialysis (PD): Principles, technique and overview of neonatal PD	Dr. Indira Agarwal
9.20 - 9.40 am	Optimizing Acute PD: Prescription, troubleshooting and complications	Dr. Siddharth Sethi
9.40 - 10.15 am	Overview of HD, SLED, CKRT	Dr. Anil Vasudevan
10.15 - 10.30 am	Tea break	
10.30 - 11 am	Fluid management in AKI: Case based clinical approach	Dr. Sasidaran Kandasamy
11 - 12 pm	Electrolyte disorders in practice: Interactive case discussions	Dr. Anurega Selvaraj Dr. Deepthi Shetty
12 - 12.25 pm	Renal Ultrasonography and POCUS: From basics to bedside application	Dr. Sudarshan
12.25 - 12.45 pm	Vascular access: Principles and techniques	Dr. Ramalingam
12.45 - 1.30 pm	Lunch break	

SCHEDULE:

1.30 - 4.30 pm	Hands-on Skill Stations	
Workstation 1 [45 min]	Acute PD- Catheter insertion and System Setup	Dr. Sunil Reddy + Dr. Deepthi + Dr. Anilkumar
Workstation 2 [45 min]	Acute PD- prescription, monitoring and troubleshooting	Dr. Kalaivani G + Dr. Neha Bhandari
Workstation 3 [45 min]	Vascular access- Techniques and practical tips	Dr. Sasidaran Kandasamy + Dr. Anu Regha
Workstation 4 [45 min]	POCUS in pediatric nephrology- guided bedside applications	Dr. Sudarshan + Dr. Anil Vasudevan
4.30 - 5pm	Q & A sessions and key takeaways	Dr. Anil Vasudevan, Dr. Anil Kumar

