Paediatric Kidney Week





2nd IPNA-ESPN Junior Master Class

23-24 September 2024

56th Annual Meeting of the European Society for Paediatric Nephrology 24-27 September 2024

PRELIMINARY PROGRAM

Valencia, Spain

15:25 Discussion



TUESDAY, 24 SEPTEMBER 2024

Young Pandatro Haptrology Hatwark	ESPN ROOM 2 14:00-15:30 PRE-CONGRESS COURSE 1 - CLINICAL APPROACH IN KIDNEY STONES (part I)
14:00	Learning objectives
14:10	Practical approach in children with kidney stones
14:25	Discussion
14:30	Born to be a rockstar: genetic risk factors for kidney stone disease
14:45	Discussion
14:50	Environmental factors and kidney stones
15:05	Discussion
15:10	Not staying a rockstar forever: new developments and controversies in the treatment of hypercalciuria
15:25	Discussion
Young Fleedathic Nephrology Network	ESPN ROOM 3 14:00-15:30 PRE-CONGRESS COURSE 2 - ACUTE KIDNEY INJURY (part I)
14:00	Learning objectives
14:10	Epidemiology, risk factors, pathophysiology and outcomes in pediatric AKI
14:25	Discussion
14:30	AKI after cardiac surgery
14:45	Discussion
14:50	Bench to bedside journey of AKI biomarkers: what can we use now?
15:05	Discussion
15:10	Fluid balance fluid overload indications for starting kidney replacement therapy



TUESDAY, 24 SEPTEMBER 2024

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ESPN ROOM 4 | 14:00-15:30

*PRE-CONGRESS COURSE 3 - WHEN TO ORDER AND HOW TO READ GENETIC REPORT? (part I)

- 14:00 Learning objectives
- 14:10 Indications for genetic testing in nephrocalcinosis
- 14:25 Discussion
- 14:30 Indications for genetic testing in early onset lower urinary tract disorders
- 14:45 Discussion
- 14:50 Indications for genetic testing in hyperechogenic kidney
- 15:05 Discussion
- 15:10 What do they really mean? Nomenclature and interpretation of the variants
- 15:25 Discussion

EXHIBITION AREA | 15:30-15:50

Coffee break



ESPN ROOM 2 | 15:50-17:00

PRE-CONGRESS COURSE 1 - CLINICAL APPROACH IN KIDNEY STONES (part II)

- C Network
- 15:50 Crashing rocks: urological approach to treat kidney stones
- 16:05 Discussion
- **16:10** Practical approach to renal colic: wait or act?
- 16:25 Discussion
- 16:30 What have we learnt?
- 16:40 Discussion

TUESDAY, 24 SEPTEMBER 2024

Young Flandatino Nephrology Network	ESPN ROOM 3 15:50-17:00 PRE-CONGRESS COURSE 2 - ACUTE KIDNEY INJURY (part II)
15:50	Treatment of pediatric AKI: how to choose an appropriate method of KRT?
16:05	Discussion

16:10	Peritonea	l dialysis in acute setting
16:25	Discussion	1
16:30	What have	e we learnt?

16:40 Discussion



15:50	Assessment of the pathogenicity and penetrance of sequence variants	
16:05	Discussion	
16:10	mplications of a genetic result	
16:25	Discussion	
16:30	What have we learnt?	

16:40 Discussion

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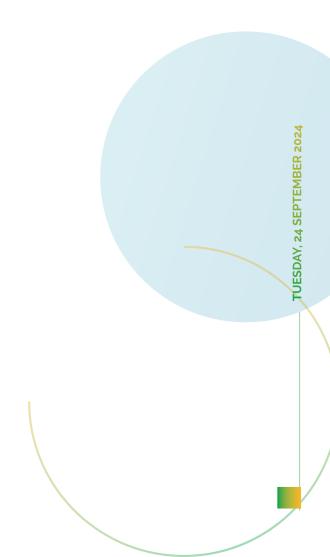
24-27 September 2024

TUESDAY, 24 SEPTEMBER 2024

ESPN ROOM 1 | 17:10-18:30 OPENING CEREMONY AND PLENARY LECTURE 1

- 17:10 Welcome address by ESPN 2024 Congress President & Scientific Chair
- 17:15 Welcome address by ESPN President
- 17:20 Patient journey
- 17:35 Will genetics replace nephrology?
- 18:05 Discussion

CONGRESS VENUE | 18:30-19:00 WELCOME RECEPTION



09:55 Take to work message



WEDNESDAY, 25 SEPTEMBER 2024

ESPN ROOM 1 | 08:00-10:00 ESPN ACADEMY 1 - BLADDER DYSFUNCTION

08:00 Introduction
08:05 Dysfunctional voiding in children – practical approach
08:22 Discussion
08:27 The effect of urotherapy in nocturnal enuresis
08:44 Discussion
08:49 Mechanism of action and availability of therapies for bladder dysfunction in children
09:06 Discussion
09:11 Refractory enuresis in children. Planning a holistic care
09:28 Discussion
09:33 Long-term clinical consequences of LUTO on bladder function
09:50 Discussion



WEDNESDAY, 25 SEPTEMBER 2024

ESPN ROOM 2 | 08:00-10:00 ESPN ACADEMY 2 - COMPLEMENT - RELATED DISORDERS

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08:00	Ini	traa	ווורו	tion
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08:05 Alternations of complement pathway in HUS

08:22 Discussion

08:27 C3 glomerulopathy

08:44 Discussion

08:49 Complement inhibition in Ig-A nephropathy

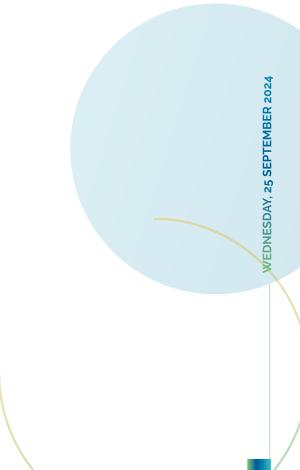
09:06 Discussion

09:11 New complement inhibitors

09:28 Discussion

09:33 Interactive clinical case discussion

09:50 Take to work message





WEDNESDAY, 25 SEPTEMBER 2024

ESPN ROOM 3 | 08:00-10:00 ESPN ACADEMY 3 - NEW THERAPIES FOR RARE DISEASES

- 08:00 Introduction
- 08:05 Hyperoxaluria
- 08:22 Discussion
- 08:27 Cystinosis
- 08:44 Discussion
- 08:49 Cystinuria
- 09:06 Discussion
- 09:11 X-linked hypophosphatemia
- 09:28 Discussion
- 09:33 Fabry disease
- 09:50 Discussion
- 09:55 Take to work message

ESPN ROOM 1 | 10:15-11:00 PLENARY LECTURE 2 AND BEST ABSTRACTS

- 10:15 Podocytopathies: from mechanistic insights to improved patient care
- 10:45 Discussion
- 10:50 Best abstracts

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WEDNESDAY, 25 SEPTEMBER 2024

ESPN Room 2 | 11:20-12:50 WORKING GROUP MEETING 1 - GLOMERULAR DISEASES

11:20	Update d	on results	of RCT	's: Nei	ohrovir.	I FARNS.	INTFNT
11.20	Opaule c	milesates		J. 1 10			

- 11:32 Rituximab ESPN project
- 11:44 Update on IgAN guideline
- 11:56 ESPN-PNRC surveys: FSGS
- 12:08 Survey on congenital nephrotic syndrome
- 12:20 UK kidney ecosystem
- 12:32 Organizational issues of the working group

ESPN ROOM 3 | 11:20-12:50 WORKING GROUP MEETING 2 - DIALYSIS

- 11:20 Lowering dialysate sodium in children on maintenance HDF a multicenter RCT
- 11:35 Comparison of pre- vs post-dilution HDF data from a randomized crossover trial
- 11:50 Catheter related bacteremia: prevention and treatment
- 12:05 Chronic kidney disease after acute kidney injury: a follow-up study from the EurAKId Registry
- 12:20 Organizational Issues of the working group

ESPN ROOM 5 | 11:20-12:50 WORKING GROUP MEETING 3 - CAKUT

- 11:20 CAKUT: a fundamental perspective
- 11:35 CAKUT: a translational perspective
- 11:50 CAKUT: a clinical perspective
- 12:05 Ongoing trials in ESPN CAKUT working group
- 12:35 Organizational Issues of the working group



WEDNESDAY, 25 SEPTEMBER 2024



ESPN ROOM 6 | 11:20-12:50 PUBLIC SPEAKING WORKSHOP - LEARN BY DOING

11:20 How to deliver an efficient presentation?

EXHIBITION AREA | 12:50-13:50

ESPN ROOM 2 | 13:50-15:20 WORKING GROUP MEETING 4 - INHERITED KIDNEY DISEASES

- 13:50 Welcome, update of working group activities
- 14:05 Successful multidisciplinary management of severe tuberous sclerosis with polycystic kidney disease: a case presentation of a 14-year-old boy
- 14:10 Novel approaches to cystic kidney disease in tuberous sclerosis complex
- 14:20 The role of copeptin as a biomarker of volume status in pediatric polyuric tubulopathies
- 14:30 Variants in the sodium-phosphate cotransporter genes survey results
- 14:40 Characterisation, treatment, and outcome in primary proximal renal tubular acidosis
- 14:50 EUROCys an ERKNet subregistry on cystinuria
- 15:00 Results of a survey on patients with HNF4a variants
- 15:10 Protocol and rationale for a randomized controlled SGLT2 inhibitor trial in pediatric and young adult populations with chronic kidney disease: DOUBLE PRO-TECT Alport

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WEDNESDAY, 25 SEPTEMBER 2024

ESPN ROOM 3 | 13:50-15:20 WORKING GROUP MEETING 5 - CKD-MBD

- 13:50 Phosphate control in PD: innovative approaches
- 14:05 The importance of fibers in CKD
- 14:20 Pyrophosphate in CKD: what's the evidence
- 14:35 Magnesium in CKD-MBD
- 14:50 Organizational issues of the working group

ESPN ROOM 5 | 13:50-15:20 WORKING GROUP MEETING 6 - TRANSPLANTATION

- 13:50 Determinants of longitudinal growth in children post-transplant and the impact of metabolic acidosis
- 14:00 Managing children and adolescents with failing allografts
- 14:10 Barriers to paediatric kidney transplantation in Europe EuPAKT study
- 14:20 Infection risk after pediatric kidney transplantation, its determinants, and effects on graft function a retrospective CERTAIN analysis
- 14:30 Patterns and prognosis of repeat KTx in the European population
- 14:40 Organizational Issues of the working group







WEDNESDAY, 25 SEPTEMBER 2024

ESPN ROOM 1 | 15:30-17:00 SESSION 1 - NEWS IN NEPHROTIC SYNDROME

15:30	Unfolding	pathomecl	nanism of	steroid-	-sensitive ı	nephrotic :	syndrome

- 15:45 Discussion
- 15:48 Treatment-related morbidity in nephrotic syndrome
- 16:03 Discussion
- 16:06 Long-term outcome of rituximab in steroid-dependant nephrotic syndrome
- **16:21** Discussion
- 16:24 5-minute pitches

ESPN ROOM 2 | 15:30-17:00 SESSION 2 - ADVANCES IN DIALYSIS

- 15:30 Expanded hemodialysis strategies in children
- 15:45 Discussion
- 15:48 Recognizing of fragility phenotype in children with dialysis
- 16:03 Discussion
- 16:06 Optimizing and preserving peritoneal ultrafiltration: modifiable and un-modifiable factors
- 16:21 Discussion
- 16:24 5-minute pitches



WEDNESDAY, 25 SEPTEMBER 2024

ESPN ROOM 3 | 15:30-17:00 SESSION 3 - PRECISION MEDICINE FOR MONOGENIC NEPHROPATIES

- 15:30 Precision medicine in nephrology
- 15:45 Discussion
- 15:48 Challenges in genetic testing in ADPKD
- 16:03 Discussion
- **16:06** Gene therapy in genetic podocytopathies
- 16:21 Discussion
- 16:24 5-minute pitches

EXHIBITION AREA | 17:00-17:15

Coffee break

ESPN ROOM 1 | 17:15-18:00 PLENARY LECTURE 3 AND BEST ABSTRACTS

- 17:15 Revolutionising organoid technology to create organ-to-organ crosstalk
- 17:45 Discussion
- 17:48 Best abstracts

ESPN ROOM 1 | 18:00-19:30 ESPN GENERAL ASSEMBLY



Valencia, Spain

THURSDAY, 26 SEPTEMBER 2024

ESPN ROOM 1 | 07:30-08:30 EARLY MORNING SESSION 1 - GRAND ROUNDS: NEPHROTIC SYNDROME

- 07:30 Clinical case presentation
- 07:55 Discussion
- 08:00 How to apply IPNA guidelines on SSNS and SRNS in clinical practice? When MMF and when CNI?
- 08:25 Discussion

ESPN ROOM 2 | 07:30-08:30 **EARLY MORNING SESSION 2 - NUTRITION IN CKD**

- 07:30 Clinical case presentation
- 07:55 Discussion
- 08:00 How to apply clinical practice recommendations from Renal Nutrition Taskforce?
- 08:25 Discussion



ESPN ROOM 3 | 07:30-08:30

EARLY MORNING SESSION 3 - GRAND ROUNDS: RICKETS AND **NEPHROCALCINOSIS**

- 07:30 Clinical case presentation
- 07:55 Discussion
- **08:00** How to apply guidelines on tubular diseases (XLH, Dent disease)
- 08:25 Discussion

nephrology

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THURSDAY, 26 SEPTEMBER 2024

ESPN ROOM 1 | 08:40-09:25 PLENARY LECTURE 4 AND BEST ABSTRACTS

08:40	Combination	therapy to stop C	KD progr	ession
00.40	COLLIDILIATION		TO DIOUI	C331011

09:10 Discussion

09:15 Best abstracts

ESPN ROOM 1 | 09:35-11:20 SESSION 4 - HYPERTENSION & CARDIOVASCULAR RISKS

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00:35	Cardiovascu	lar disease	in ped	latric	dialvsis

- 09:50 Discussion
- 09:53 How to unmask pediatric hypertension?
- 10:08 Discussion
- 10:11 Physical activity and exercise training in children with CKD
- 10:26 Discussion
- 10:29 Best abstracts and 5-minute pitches

ESPN ROOM 2 | 09:35-11:20 SESSION 5 - FUTURE OF PEDIATRIC TRANSPLANTATION

- 09:35 The next revolution in HLA matching using molecular mismatching and machine learning
- 09:50 Discussion
- 09:53 Risk prediction model for delayed graft function (DGF) and the impact of DGF on rejection and longterm outcome in paediatric kidney transplant recipients
- 10:08 Discussion
- 10:11 Transplanting untransplantable: new drugs for modulating immune response before and after transplantation
- 10:26 Discussion
- 10:29 Best abstracts and 5-minute pitches



THURSDAY, 26 SEPTEMBER 2024

ESPN ROOM 3 | 09:35-11:20 SESSION 6 - RENAL TUBULOPATHIES: WHATS NEW?

- 09:35 A clinical approach to tubulopathies
- 09:50 Discussion
- 09:53 Disorders of renal uric acid transport
- 10:08 Discussion
- 10:11 Unknown disorder of sulphate reabsorption
- 10:26 Discussion
- 10:29 Best abstracts and 5-minute pitches

EXHIBITION AREA | 11:20-11:40

Coffee break

ESPN ROOM 1 | 11:40-12:30 ORAL COMMUNICATIONS 1

ESPN ROOM 2 | 11:40-12:30

CONTROVERSY 1 - STEROIDS DURING UPPER RESPIRATORY TRACT INFECTIONS FOR PREVENTING RELAPSE OF IDIOPATHIC NEPHROTIC SYNDROME

- **11:40** Pro
- 11:55 Con
- 12:10 Discussion & Vote

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ESPN ROOM 3 | 11:40-12:30 CONTROVERSY 2 - USE OF NSAID IN POLYURIC DISORDERS

11:40 Pro

11:55 Con

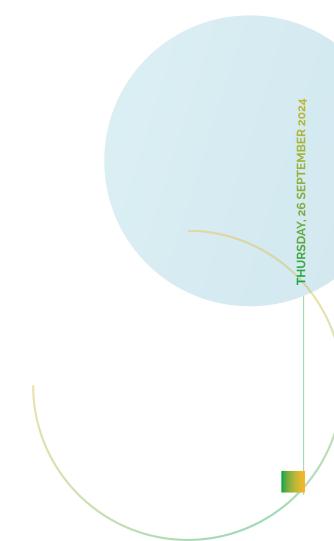
12:10 Discussion & Vote

ESPN ROOM 1 | 12:40-13:40
INDUSTRY LUNCH SYMPOSIUM 1

ESPN ROOM 2 | 12:40-13:40 INDUSTRY LUNCH SYMPOSIUM 2

ESPN ROOM 3 | 12:40-13:40 INDUSTRY LUNCH SYMPOSIUM 3

POSTER AREA | 13:40-14:40
GUIDED POSTER SESSION 1



THURSDAY, 26 SEPTEMBER 2024

ESPN ROOM 1 | 14:50-16:20 JOINT ESPN-EWOPA MEETING PSYCHOLOGICAL ISSUES AND CHALLENGES IN CHILDREN WITH CKD

- 14:50 The psychological impact of CKD on parents: a theoretical overview and examples from clinical practice
- 15:05 Discussion
- 15:08 Update on adherence understanding the challenge, supporting the patient
- 15:23 Discussion
- 15:26 Disparities in access to transplantation and transplantation outcome
- 15:41 Discussion
- 15:44 5-minute pitches

ESPN ROOM 2 | 14:50-16:20 SESSION 7 - UNMET NEEDS IN CHILDREN ON DIALYSIS

- 14:50 Pruritus, fatigue and chronic pain
- 15:05 Discussion
- 15:08 Management of constipation
- 15:23 Discussion
- 15:26 Novel treatments of anemia
- 15:41 Discussion
- 15:44 5-minute pitches



THURSDAY, 26 SEPTEMBER 2024

ESPN ROOM 3 | 14:50-16:20 SESSION 8 - KIDNEY DEVELOPMENT: BASIC AND NEWS

- 14:50 Update on kidney development
- 15:05 Discussion
- **15:08** Solitary funtioning kidney: what's new?
- 15:23 Discussion
- 15:26 Does human nephrogenesis stops before or after birth?
- 15:41 Discussion
- 15:44 5-minute pitches

EXHIBITION AREA | 16:20-16:40

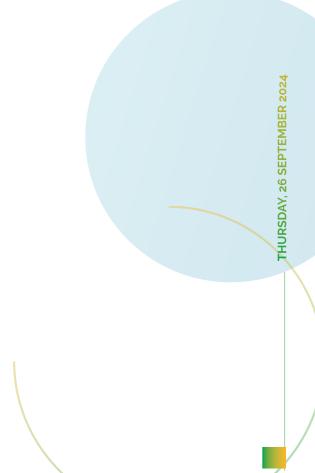
Coffee break

ESPN ROOM 1 | 16:40-17:30 MINI LECTURE 1

- **16:40** New aspects in Alport syndrome
- 17:00 Discussion
- 17:05 5-minute pitches

ESPN ROOM 2 | 16:40-17:30 MINI LECTURE 2

- 16:40 Bone disease in CKD
- 17:00 Discussion
- 17:05 5-minute pitches





THURSDAY, 26 SEPTEMBER 2024

ESPN ROOM 3 | 16:40-17:30 MINI LECTURE 3

16:40 Air pollution, kidney development and aging

16:55 Discussion

16:58 5-min pitches

ESPN ROOM 1 | 17:40-18:40 ORAL COMMUNICATIONS 2

ESPN ROOM 2 | 17:40-18:40 ORAL COMMUNICATIONS 3

ESPN ROOM 3 | 17:40-18:40 ORAL COMMUNICATIONS 4 56th Annual Meeting of the European Society for Paediatric Nephrology

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FRIDAY, 27 SEPTEMBER 2024

ESPN ROOM 1 | 07:30-08:30 EARLY MORNING SESSION 4 - ASK THE EXPERT: CHALLENGING ELECTROLYTE DISORDERS

07:30 Discussion of different tubulopathies based on clinical cases

ESPN ROOM 2 | 07:30-08:30

EARLY MORNING SESSION 5 - ASK THE EXPERT: RECURRENCE OF PRIMARY DISEASE AFTER KIDNEY TRANSPLANTATION

07:30 SRNS/FSGS

07:45 C3G and IC-MPGN

08:00 aHUS

ESPN ROOM 3 | 07:30-08:30

EARLY MORNING SESSION 6 - MEET THE EDITOR: HOW TO GET YOUR **PAPER PUBLISHED?**

07:30 Why papers are accepted?

07:45 Discussion

07:48 Why papers are rejected?

08:03 Discussion

ESPN ROOM 1 | 08:40-09:25 PLENARY LECTURE 5 AND BEST ABSTRACTS

08:40 Genetic architecture of CAKUT

09:10 Discussion

09:15 Best abstracts

PRIDAY, 27 SEPTEMBER 2024



FRIDAY, 27 SEPTEMBER 2024

ESPN ROOM 1 | 09:35-11:20 SESSION 9 - GLOBAL PEDIATRIC NEPHROLOGY SESSION

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- 09:50 Discussion
- 09:53 Meta-research and evidence based medicine in pediatric nephrology for the future
- 10:08 Discussion
- 10:11 How to tackle kidney disease in resource limited setting?
- 10:26 Discussion
- 10:29 Lessons learnt from PMRC consortium?
- 10:44 Discussion
- 10:47 5-min pitches

ESPN ROOM 2 | 09:35-11:20 SESSION 10 - UPDATE ON PEDIATRIC VASCULITIS

- 09:35 Therapy goals in paediatric lupus nephritis
- 09:50 Discussion
- 09:53 New treatment of IgA vasculitis
- 10:08 Discussion
- 10:11 Overlooked cause of severe hypertension Takayasu vasculitis
- 10:26 Discussion



FRIDAY, 27 SEPTEMBER 2024

ESPN ROOM 3 | 09:35-11:20 SESSION 11 - UPDATE ON CYSTIC KIDNEY DISEASES

- 09:35 Novel therapeutic approaches in nephronophthisis
- 09:50 Discussion
- 09:53 Diagnosis and management of cystic disease in newborn
- 10:08 Discussion
- 10:11 Neurodevelopmental disorders in patients with HNF1B variants
- 10:26 Discussion
- 10:29 Best abstracts and 5-minute pitches

EXHIBITION AREA | 11:20-11:40

Coffee break

ESPN ROOM 1 | 11:40-12:40 SESSION 12 - ESPN-ERA REGISTRY SESSION

- 11:40 European paediatric CKD registries and the link with the ESPN/ERA Registry
- 11:55 Discussion
- 11:58 Trends in paediatric kidney transplantation in Europe
- 12:13 Discussion
- 12:16 Sex disparities in paediatric kidney replacement therapy
- 12:31 Discussion
- 12:36 Concluding remarks





FRIDAY, 27 SEPTEMBER 2024

ESPN ROOM 2 | 11:40-12:40 SESSION 13 - INNOVATION IN NEPHROLOGY

11:40 Gut-kidney crosstalk in childhood renal diseases



ESPN ROOM 1 | 12:40-13:40
INDUSTRY LUNCH SYMPOSIUM 4

ESPN ROOM 2 | 12:40-13:40
INDUSTRY LUNCH SYMPOSIUM 5

ESPN ROOM 3 | 12:40-13:40 INDUSTRY LUNCH SYMPOSIUM 6

POSTER AREA | 13:40-14:40 GUIDED POSTER SESSION 2

ESPN ROOM 1 | 14:45-16:00 SESSION 15 - BREAKTHROUGH CLINICAL TRIALS

14:45 ENVISION: sibeprenlimab in patients with IgA nephropathy

14:55 Discussion

15:00 Best abstracts



FRIDAY, 27 SEPTEMBER 2024

ESPN ROOM 2 | 14:45-16:00 ORAL COMMUNICATIONS 5

ESPN ROOM 3 | 14:45-16:00 ORAL COMMUNICATIONS 6

EXHIBITION AREA | 16:00-16:15

Coffee break



16:15 The wider impact of pediatric nephrology careers on individuals, relationships and family wellbeing

16:45 Discussion

16:50 Panel discussion & Recorded and life interviews & Tips from psychologists

17:05 Closing remarks

