



AFRAN 2025 CONGRESS



Tunis, Tunisia - April 15 - 18, 2025

18th

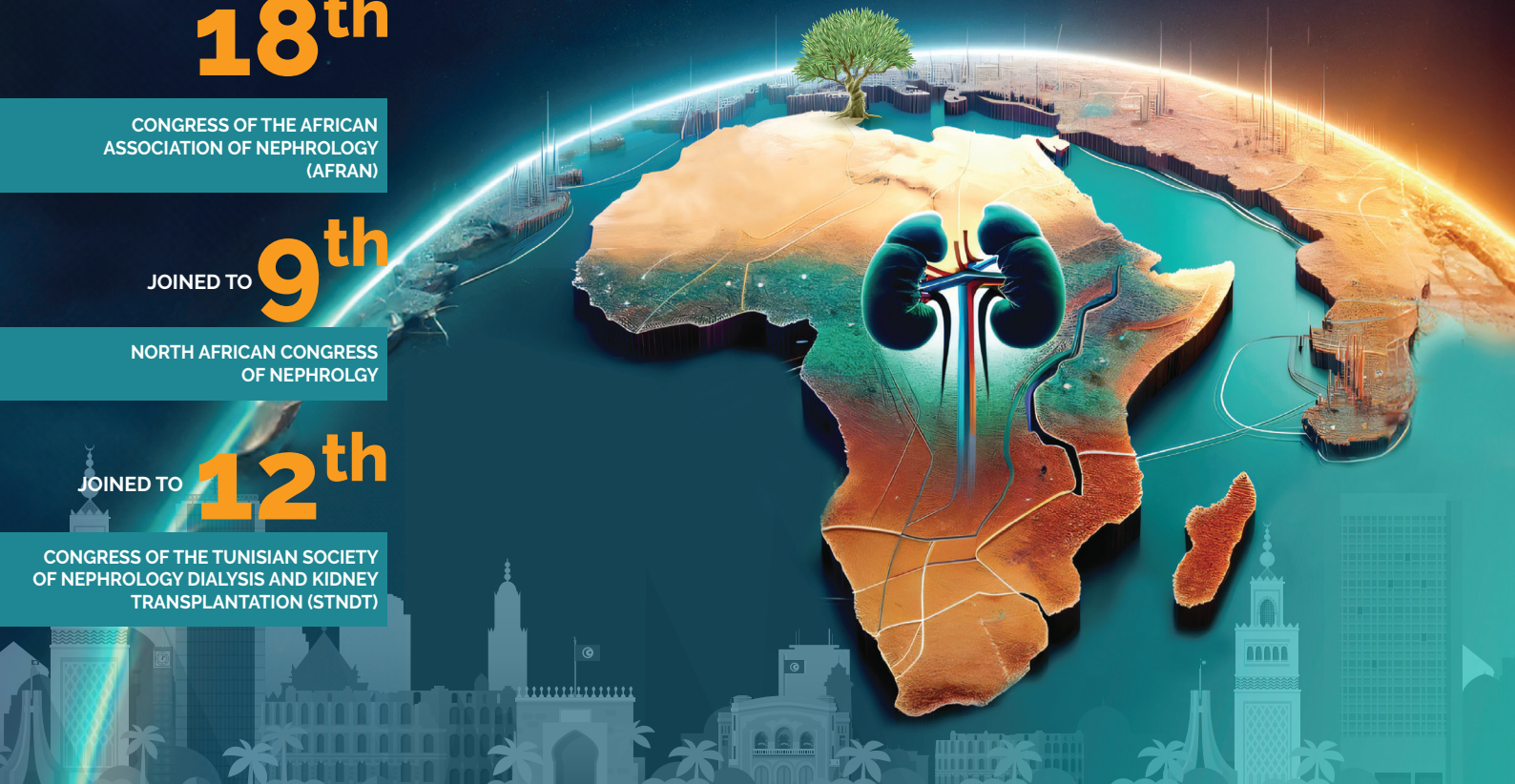
CONGRESS OF THE AFRICAN
ASSOCIATION OF NEPHROLOGY
(AFRAN)

JOINED TO **9th**

NORTH AFRICAN CONGRESS
OF NEPHROLOGY

JOINED TO **12th**

CONGRESS OF THE TUNISIAN SOCIETY
OF NEPHROLOGY DIALYSIS AND KIDNEY
TRANSPLANTATION (STNDT)





Pre-Congress Workshops & Refresher Courses

Program 1
(French Sessions, SFNDT)

Program 2

Program 3
Kidney Transplantation
(TTS, IDCG, MESOT, Mayo Clinic Group-TBC)

🕒 08H00 - 09H00 - Registration: Check-in & Onsite Registration

🕒 09H00 - 10H30

SESSION 1

Transplantation Rénale : Donneur Vivant

- Donneur Vivant, Recommandations de l'Agence de Biomédecine, de la SFT et de La SFNDT
- Donneur Vivant Limite : Cas Clinique 1
- Donneur Vivant Limite : Cas Clinique 2

SESSION 1

Nephro PoCUS: Point of Care Ultrasonography in Nephrology

- Principles of Ultrasound, Devices and Terminology
- NephroPoCUS, Basics for a Sustainable Education Program
- PoCUS in Daily Practice, The Stethoscope of all Nephrologists

SESSION 1

(MESOT, TBC)

- Transplant Activities in The MESOT Countries
- Kidney Transplantation Using Kidneys with Complex Vascular Anatomy
- Malignancies Post Kidney Transplantation

☕ 10H30 - 11H00 - Coffee Break



11H00 - 13H00

SESSION 2

Troubles Hydro-Electrolytiques

- Les Hyponatrémies : Diagnostic et Traitement
- Les Hyponatrémies : Cas Clinique 1
- Les Hyperkaliémies : Prise en Charge Thérapeutique
- Les Hyperkaliémies : Cas Clinique 1

SESSION 2

Glomerulonephritis and CKD (Mayo Clinic Group, TBC)

- Immune-Mediated Nephrosis, the Spectrum of Involved Antigens
- Membranous Glomerulonephritis, Advances in Classification and Management
- ANCA-Associated Vasculitis, Update in Diagnosis and Treatment
- Cellular and Gene Therapy for Inherited Kidney Disease

SESSION 2

(Mayo Clinic Group-TBC)

- The Rationale of Individualized Immunosuppressive Regimen in The Era of New Therapeutic Targets
- The Role of Medical Imaging in the Screening and the Management of Post-Kidney Transplant Complications
- Clinical Relevance of "Transplantomics" and Immune Monitoring in Kidney Transplant Recipients
- Virtual Biopsy System Vs Zero-Time and Protocol Biopsy in Predicting Kidney Transplant Outcome

13H00 - 14H00 Lunch Symposia



🕒 14H00 – 16H00

SESSION 3

Histopathologie Rénale

Confrontations Anatomico-Cliniques

- Cas 1 : Syndrome Néphrotique Idiopathique
- Cas 2 : GN Extra-membraneuse
- Cas 3 : GN à Dépôts Mésangiaux d'IgA
- Cas 4 : GN à Dépôts De C3

SESSION 3

Peritoneal Dialysis (ISPD, TBC)

- Peritoneal Dialysis Catheters: Design, Placement Techniques and Complications
- Bedside Percutaneous Peritoneal Catheter Placement, Demonstration
- Bedside Percutaneous Peritoneal Catheter Placement, Training Programs in Africa

SESSION 3

(TTS, TBC)

- Kidney Transplantation for Hyperimmunized Patients, Update on Management Strategies
- Specific Post-Kidney Transplant Infections In Africa, Spectrum and Management
- Updated Guidelines on the Screening and Management of BK Virus Infection in Kidney Transplant Recipients
- Screening of Malignancies in Kidney Transplant Recipients



🕒 16H00 – 16H30 - Coffee Break

🕒 16H30 – 17H30

SESSION 3 (SUITE)

Confrontations Anatomico-Cliniques

- Cas 5 : GN Lupique
- Cas 6 : Vascularite à ANCA

SESSION 4

Daily Clinical Issues in Hemodialysis (Mayo Clinic Group/ASNRT, TBC)

- Vascular Access for Hemodialysis, An Ever-Growing Challenge (New devices and Technologies)
- Treatment of Anemia in Chronic Kidney Diseases, Current Guidelines and Future Perspectives
- Management of CKD-Mineral and Bone Disorders, Goals and Means

SESSION 4

(DICG Session)

- The Istanbul Declaration on Organ Trafficking and Transplant Tourism - What Is It About?
- Suspicious Cases of Unethical Donation and Transplant Activities - What Can We Do?
- Global activities of the Declaration of Istanbul Custodian Group (DICG) - Where Do We Stand?
- Panel Discussion - DICG



🕒 18H00 – 19H30 - OPENING CEREMONY
Keynote Opening Conference: The burden of CKD and other NCDs in Africa:
Opportunities and challenges for health systems - Pr. Marcello Tonelli, (ISN President – Elect)

🕒 19H30 - 22H00 - EXHIBITION OPENING & WELCOME RECEPTION



PLENARY

🕒 08H15 – 10H00

SESSION 1

(ISN-AFRAN, TBC)

- Patient complexity & Multimorbidity in Kidney Population
- Supportive and Conservative Management for Chronic Kidney Disease, A Mandatory Choice
- Barriers to an equitable Access to kidney care in Africa
- Kidney Amyloidosis, Pathogenesis and Therapy



🕒 10H00 – 10H30 - Coffee Break, Exhibition & Poster Sessions

STATE OF THE ART

🕒 10H30 – 12H00

SESSION 1

APOL1 and Chronic Kidney Disease (KDIGO)

- APOL1 Variants, Genetics and Mechanisms of Kidney Injuries
- Clinical Features and Histology Spectrum of Apolipoprotein L1-Associated Nephropathy
- APOL1 Variants, Impact on Progression of Chronic Kidney Disease and Kidney Graft Survival
- APOL1 Mediated Nephropathies, What's New in Therapeutic Management?

SESSION 2

Acute Kidney Injury (AKI) In AFRICA

- AKI in the Era of Climate Change
- AKI in AFRICA, Relationship with Prevalent Infectious Diseases
- AKI, Toxic and Iatrogenic Causes
- Kidney Replacement Therapy in AKI

SESSION 3

Modern Training Tools And Concerns In Nephrology Practice, (AFRAN YNC)

- Social Media in Nephrology Education
- Simulation-based Training in Nephrology
- Brain Drain among Young Nephrologists, Is it Preventable?

🕒 12H00 - 13H00 - FREE COMMUNICATIONS



🕒 13H00 - 14H00 - INDUSTRY SYMPOSIA

PLENARY **🕒 14H00 - 16H00**

SESSION 2

CKD Registries (ISN & ERA, TBC)

- CKD Registries as Useful Tool for Physicians and Authorities
- Requirements to Implement and Maintain CKD Registries
- CKD Registries in AFRICA, Opportunities and Obstacles
- Application of Artificial Intelligence and Machine Learning for Next-Gen Clinical Registries

☕ **🕒 16H00 - 16H30 Coffee Break**

🕒 16H30 - 18H00

SESSION 4

Reproductive Health In Women and Kidney Disease (ERA-TBC)

- Gender-Base Disparities in Access to Kidney Care in Africa
- Reproductive Health In Women with Kidney Disease
- Hypertensive Disorders of Pregnancy
- Acute Kidney Injury in African Women, Causes and Management

SESSION 5

Geriatric Nephrology

- The Kidney Senescence
- Fluid And Serum Sodium Disorders in The Elderly
- Glomerulonephritis in the Elderly
- Chronic Kidney Disease Management and Dialysis Decision In the Elderly

SESSION 6

Nephro-Pediatrics (AFRAN-IPNA, TBC)

- Post-Infectious GN, A Continuing to Impact African Children
- AKI in Pediatric Population, Causes and Management
- Tubular Acidosis, Diagnosis and Therapeutic Management
- Transition From Pediatric to Adult Nephrology Care, Medical and Psychosocial Considerations

🕒 18H00 - 19H30 - AFRAN Meeting



🕒 07H00 – 08H15 - ISN Breakfast Session: ISN Programs and Opportunities

PLENARY 🕒 08H15 – 10H00

SESSION 3

Hot Topics, What's New In Nephrology

- Novel Treatments for IgA Glomerulonephritis and Focal Segmental Glomerulosclerosis
- SGLT2 Inhibitors and GLP-1, Expanded Indications in Nephrology
- Lupus Nephritis, Updated Guidelines
- Xenotransplantation, Relevance beyond Ethical and Psychological Aspects



🕒 10H00 – 10H30 - Coffee Break - Poster Sessions

🕒 10H30 – 12H00

SESSION 7

Hypertension and Cardiovascular Diseases

- Optimal Targets in Associated-CKD Hypertension, Guidelines Vs Daily Practice
- Chronotherapy in CKD-Associated Hypertension, Benefits?
- Renal Denervation and New Therapeutic Regimens for Resistant and Uncontrolled Hypertension
- Multidisciplinary Paradigm for the Management of the Cardio-Renal Syndrome

SESSION 8

Environment and Kidney Disease, Green Nephrology

- Atmospheric Pollution and Climate Change, Impact on Kidney Disease
- Tropical Diseases and Kidney Damage
- Water Saving in Hemodialysis, Modalities
- Optimization of Energy Consumption and Waste Management in Dialysis Facilities

SESSION 9

Familial and Hereditary Nephropathies

- Relevance of Genetic Testing in Familial Kidney Diseases
- Autosomal Dominant Tubulo-Interstitial Kidney Disease
- The Spectrum of Kidney Ciliopathies
- Familial Nephrolithiasis, Approach to Diagnosis and Treatment



PLENARY

🕒 12H00 – 13H30

SESSION 4

Renal Replacement Therapy

- Relevance of Incremental Hemodialysis, Beyond Resources Shortage
- Barriers to Home Dialysis in Africa, Complicities of Involved Stakeholders
- Conventional or High Flux Hemodialysis Vs Online Hemodiafiltration
- Chronic Inflammation and Oxidative Stress in Dialysis Patients

🕒 13H30 - 14H30 - INDUSTRY SYMPOSIA

🕒 14H30 – 16H00

SESSION 10

Diabetic Kidney Disease

- Diabetic Kidney Disease, The Rising Tide is on our Shores
- Non-Diabetic Nephropathies in Diabetics
- Management of Diabetic Kidney Disease in the New Therapeutic Era
- Glycemic Control and Anti-Diabetic Drugs in Patients Undergoing Renal Replacement Therapy

SESSION 11

Nephrolithiasis

- Nephrolithiasis, Current Pathogenesis Concepts
- Approach to Patients With Recurrent Nephrolithiasis
- Nephrocalcinosis, Etiological Paradigms
- Type 1 Hyperoxaluria, Therapeutic Approach Beyond Dual Liver and Kidney Transplantation

SESSION 12

Onco-Nephrology

- Electrolytes Disorders in Patients with Cancer
- Monoclonal Gammopathies of Renal Significance (MGRS)
- Kidney Toxicity of Immune Checkpoint Inhibitors
- Kidney Disease Associated With Hematological Malignancies

🕒 16H00 – 19H00 - SOCIAL PROGRAM

🕒 21H00 – 00H00 - GALA DINNER



🕒 07H00 – 08H30

ISPD - Breakfast Session (TBC)

- Peritoneal Dialysis Practice In Africa, How To Overcome Limitations Barriers?
- Panel Discussion On Peritoneal Dialysis Practice In Africa

PLENARY

🕒 08H30 – 10H00

SESSION 5

Kidney Transplantation

- Kidney Transplant Programs in Africa, Needs for Establishment and Requirements for Sustainability
- Istanbul Declaration: Clinical Practice and Organizations' Endorsement in Africa
- International Regulation for the Use of Generics and Biosimilars in Kidney Transplantation - Application to African Countries
- Issues of Adherence to Immunosuppressant Therapy after Kidney Transplantation



🕒 10H00 – 10H30 - Coffee Break

🕒 10H30 – 12H00

SESSION 13

New Technology & Nephrology

- Artificial Intelligence in Support of Decision and Evaluation of Nephrology Practice
- Tele-Health in Nephrology, Challenges and Benefits
- Virtual Reality: an Innovative Tool for Therapeutic Patient Education and Providers Teaching
- Deep Learning-Based Paradigm, Applications in Kidney Histopathology

SESSION 14

Peritoneal Dialysis (ISPD, TBC)

- Peritoneal Dialysis Solutions, New and Old
- Remote Monitoring and Management of Patients Undergoing Peritoneal Dialysis
- Pediatric Peritoneal Dialysis, Opportunities and Challenges

SESSION 15

Histopathology

- ANCA-Associated Nephropathies
- Infection-Related Glomerulonephritis
- BANFF Histological Classification Revised,
- Crystalline Nephropathies, An Overview



 12H00 - 13H00 - FREE COMMUNICATIONS

 13H00 - 14H00 - INDUSTRY SYMPOSIA

PLENARY  14:00 – 15:30

SESSION 6:
AFRAN Committees Reports & Projects

  15H30 – 16H00 - Coffee Break

  16:00 – 17:30 AWARDS & CLOSING CEREMONY