Multidisciplinary Kidney Transplantation Workshop

Strengthening Clinical Capacity and Sustainability of the Kidney Transplant Program in Burkina Faso

Organized within the framework of the Burkina Faso Working Visit 17 December 2026

FINAL DRAFT

17 December 2026 | CHU-Tengandogo | Ouagadougou - Burkina Faso

Introduction

The Multidisciplinary Kidney Transplantation Workshop is designed as a one-day intensive academic and d educational programme organized within the framework of the Burkina Faso Working Visit, scheduled fo 17 December 2026 t CHU-Tengandogo, Ouagadougou.

The workshop brings together the surgical, nephrological, anesthesiology and critical care, immunological, pathological, infectious disease, ethical, coordination and institutional dimensions of kidney transplantation. It aims to provide a compact but comprehensive learning environment for healthcare professionals involved in kidney transplantation, living donor evaluation, recipient preparation, perioperative management, post-transplant follow-up and programme development.

Building on the ongoing cooperation between the Turkish Transplant Foundation, International Transplant Network and Burkinabe partners, the workshop is intended not only for the CHU-Tengandogo team, but also for nephrologists and relevant professionals from other hospitals involved in the follow-up of kidney transplant recipients and candidates. The overall objective is to support the development of a safe, ethical, multidisciplinary and sustainable kidney transplant programme in Burkina Faso.

Objectives

- To provide an integrated overview of the essential clinical and organizational components of a successful kidney transplant programme.
- To review surgical principles in living donor and recipient preparation, operative decision-making, perioperative management and early postoperative follow-up.
- To highlight anesthesia and critical care management in kidney transplantation from both donor and recipient perspectives.
- To strengthen nephrological approaches to recipient and living donor evaluation, immunosuppression, graft monitoring and long-term patient care.
- To update participants on basic and advanced concepts in transplant immunology, including HLA, crossmatch, immunological risk assessment and post-transplant monitoring.
- To discuss the role of transplant pathology, biopsy interpretation, rejection patterns and clinical-pathological correlation.
- To address the prevention, diagnosis and management of infectious complications in kidney transplant recipients.
- To highlight living donor coordination, ethical safeguards, legal principles and prevention of transplant-related crimes.
- To support team leadership, multidisciplinary coordination, quality assurance and institutional sustainability in kidney transplantation.

Learning Outcomes

- Describe the core components required to establish and maintain a safe and sustainable kidney transplant programme.
- Understand the surgical pathway of living donor and recipient preparation, intraoperative management and early postoperative follow-up.
- Discuss anesthesia and critical care priorities in donor and recipient management during kidney transplantation.
- Apply key nephrological principles in candidate evaluation, donor assessment, immunosuppression and long-term graft monitoring.
- Interpret the practical relevance of HLA typing, crossmatch, donor-specific antibodies and immunological risk stratification.
- Recognize the role of transplant biopsy and pathology in the diagnosis of rejection and other graft dysfunctions.
- Identify common infectious risks after kidney transplantation and discuss prevention and treatment strategies.
- Explain the principles of living donor coordination, informed consent, donor protection and ethical decision-making.
- Discuss practical models for multidisciplinary teamwork, clinical governance, leadership and programme sustainability.

FINAL DRAFT

Main Topics

• Recipient and living donor surgical preparation	• Perioperative and early postoperative surgical management
• Donor anesthesia in living kidney donation	• Recipient anesthesia and critical care in kidney transplantation
• Nephrological evaluation of kidney transplant candidates	• Living donor nephrological assessment and follow-up
• Transplant immunology in kidney transplantation	• Tissue typing laboratory tests in kidney transplantation
• HLA, crossmatch, DSA and immunological risk stratification	• Transplant pathology and biopsy interpretation
• Allograft rejection and clinical-pathological correlation	• Infectious complications in kidney transplantation
• Living donor coordination and donor pathway management	• Ethical and legal aspects of kidney transplantation
• Informed consent and donor protection	• Prevention of transplant-related crimes and transplant tourism
• Multidisciplinary team management and clinical leadership	• Quality assurance and patient safety in kidney transplantation
• Building and sustaining a successful kidney transplant programme	• Local implementation priorities and follow-up strategy

Course Overview

This one-day workshop combines focused theoretical lectures, evidence-informed clinical updates, practical experience sharing and moderated discussions. Each scientific session is structured around three 20-minute presentations followed by a 20-minute discussion period.

The programme has been designed to reflect the multidisciplinary nature of kidney transplantation. Surgical and nephrological topics are integrated within the same academic framework, while dedicated sessions address donor anesthesia, recipient anesthesia and critical care, transplant immunology, tissue typing laboratory testing, pathology, infections, coordination, ethics, leadership and programme sustainability.

The workshop will also provide an opportunity to discuss local priorities, implementation challenges and the next steps required to strengthen the kidney transplant programme in Burkina Faso.

Chairs

Co-Chair **Prof. Dr. Birkan BOZKURT, MD.** Professor of General Surgery Health Sciences University / Başakşehir Çam and Sakura City Hospital Ankara – Türkiye	**Co-Chair** **Prof. Dr. Gérard COULIBALY, MD.** Professor of Nephrology CHU – Yalgado President of the National Transplant Committee Ministry of Health and Public Hygiene Ouagadougou – Burkina Faso

FINAL DRAFT

Faculty

Prof. Dr. Birkan BOZKURT, MD. General Surgery – HPB, Liver and Kidney Transplant Surgery Health Sciences University / Başakşehir Çam and Sakura City Hospital Ankara – Türkiye	**Prof. Dr. Gérard COULIBALY, MD.** Nephrology CHU – Yalgado / President of the National Transplant Committee, Ministry of Health and Public Hygiene Ouagadougou – Burkina Faso
Prof. Dr. Ebru ORUÇ, MD. Infectious Diseases – Transplant Infections Health Sciences University / Etlik City Hospital Ankara – Türkiye	**Assoc. Prof. Dr. R. Derya KILIÇOĞLU, MD.** Immunology – Basic Sciences & Transplant Immunology Ministry of Health, İzmir City Hospital İzmir – Türkiye
Prof. Serge SAWADOGO, MD. PhD. Immunology – Basic Sciences & Transplant Immunology CHU – Tengandogo Ouagadougou – Burkina Faso	**Dr. Tahsin ÇINAR, MD.** Specialist in Anesthesiology and Reanimation Ministry of Health, Haydarpaşa Numune Training and Research Hospital Istanbul – Türkiye
Dr. Elif GOK, MD. Senior Fellow in Anesthesiology and Reanimation Ministry of Health, Haydarpaşa Numune Training and Research Hospital Istanbul – Türkiye	**Dr. Eyüp KAHVECİ, MD. PhD. FEBS BTC** Specialist in Pathophysiology – Transplant Medicine Ministry of Health, Dışkapı Yıldırım Beyazıt Training and Research Hospital Ankara – Türkiye
Dr. Boureima OUEDRAOGO, MD. Specialist in Urology Coordinator, Renal Transplant Center, CHU-Tengandogo Ouagadougou – Burkina Faso	**Assoc. Prof. Dr. Aïda LENGANI, MD.** Nephrology Head of Department of Nephrology, CHU – Tengandogo Ouagadougou – Burkina Faso
Dr. Yeremadé Juste BONZI, MD. Nephrologist Transplant Nephrology, CHU-Yalgado Ouagadougou – Burkina Faso	**Dr. Fatimata DIALLO, MD.** Nephrologist Coordinator, Transplant Nephrology, CHU –Tengandogo Ouagadougou – Burkina Faso
Gamze YILDIRIM, RN. MSc. Senior Clinical Transplant Coordinator – TPM Certified Director of the International Training Projects Turkish Transplant Foundation Ankara – Türkiye	**Assoc. Dr. Ebru Şebnem AYVA, MD.** Medical Pathology – Transplant Pathology Health Sciences University / Etlik City Hospital Ankara – Türkiye
Prof. Dr. Emin Barış AKIN, MD. General Surgery – Kidney Transplant Surgery İstanbul Demiroğlu Bilim University	**Assoc. Prof. Dr. Özgür MERHAMETSIZ, MD.** Internal Medicine and Nephrology Istinye University Gaziosmanpaşa Hospital tanbul – Türkiye
	r. Stéphane ZIGANI, MD. pecialist in Anaesthesiology and Intensive Care edicine HU-Tengandogo uagadougou – Burkina Faso
Specialist in Nephrology CHU-Tengandogo Ouagadougou – Burkina Faso	**r. Francois P KISSOU, MD.** Specialist in Nephrology CHU-Tengandogo Ouagadougou – Burkina Faso

Organizing Committee

Gamze YILDIRIM, RN. MSc. Senior Clinical Transplant Coordinator Turkish Transplant Foundation Ankara – Türkiye	**Prof. Serge SAWADOGO, MD. PhD.** Professor of Immunology / CHU-Tengandogo Ouagadougou – Burkina Faso
Eyüp KAHVECİ, MD. PhD. FEBS BTC Pathophysiology / Transplant Medicine Turkish Transplant Foundation Ankara – Türkiye	**Boureima OUEDRAOGO, MD.** Urologist / Renal Transplant Center Coordinator CHU-Tengandogo Ouagadougou – Burkina Faso
Prof. Bertin P OUEDRAOGO, MD. Professeur Titulaire d'ORL et Chirurgie Cervico-Faciale UJKZ / Directeur des Services Médicaux et Médico-Techniques CHU – Tengandogo Ouagadougou – Burkina Faso	**A. Lin SOMDA** Juriste / Directeur Général du Centre Hospitalier Universitaire de Tengandogo Ministère de la santé et de l'hygiène publique Ouagadougou – Burkina Faso

Academic Qualification

Participants who successfully attend the full workshop will receive a certificate of attendance issued within the framework of the Burkina Faso Working Visit by the Turkish Transplant Foundation / International Transplant Network, in collaboration with CHU-Tengandogo and relevant local partners.

The certificate will document participation in a one-day multidisciplinary kidney transplantation workshop covering surgical, nephrological, anesthesia and critical care, immunological, pathological, infectious disease, ethical and institutional aspects of kidney transplantation.

Methodology

- Focused theoretical lectures
- Evidence-informed clinical updates
- Case-oriented discussion
- Multidisciplinary exchange of experience
- Moderated interactive discussion after each session
- Practical emphasis on local implementation
- Faculty-participant dialogue on programme development and sustainability

The format is designed to encourage active participation and to support the translation of academic knowledge into daily clinical and institutional practice.

Addressed To

- Transplant surgeons
- Urologists involved in kidney transplantation
- Nephrologists
- Nephrology fellows and residents
- Anesthesiologists and intensivists
- Infectious disease specialists
- Pathologists
- Immunologists and laboratory professionals
- Transplant coordinators

FINAL DRAFT

- Trans
- Hospital managers involved in transplant services
- Health authority representatives
- Other healthcare professionals involved in kidney transplantation, living donor care and post-transplant follow-up

Participation of nephrologists and relevant specialists from hospitals beyond CHU-Tengandogo is encouraged, particularly from institutions involved in the follow-up of kidney transplant recipients and candidates.

Venue

CHU – Tengandogo
Ouagadougou, Burkina Faso

Length and Language

- Length: One full day
- Format: In-person multidisciplinary workshop
- Languages: English, French and Turkish
- Interpretation: Simultaneous interpretation in English, French and Turkish will be provided throughout the workshop.

Endorsed by

European Society for Organ Transplantation - ESOT

Accreditation

European Accreditation Council for Continuing Medical Education (EACCME®) CME credit (in progress)

In Collaboration with

- University of Health Sciences, Türkiye
- Health Diplomacy Society
- International Transplant Network - ITN
- Turkish Transplant Foundation - TTF

FINAL DRAFT

Scientific Programme

Registration and Opening

Time	Topic	
08:00 - 08:30	Registration	
08:30 - 09:00	Opening Remarks and Welcome Addresses	

Session I - Coordination, Ethics, Governance and Sustainability

Time	Topic	Faculty
09:00 - 09:20	Ethical and legal aspects of living donor kidney transplantation	
09:20 - 09:40	Living donor coordination: donor pathway, communication, documentation and follow-up	Gamze YILDIRIM, RN.
09:40 - 10:00	Managing a successful kidney transplant program: team leadership, quality assurance and sustainability	Dr. Eyüp KAHVECI
10:00 - 10:20	Discussion	**Moderators:** Prof. Gérard COULIBALY Dr. Boureima OUEDRAOGO Dr Fatimata DIALLO
10:20 - 10:40	Coffee Break	

Session II - Surgical, Anesthesia and Perioperative Foundations

Time	Topic	Faculty
10:40 - 11:10	Recipient and living donor surgical preparation: standards, risk assessment and decision-making	Dr. Birkan BOZKURT
11:10 - 11:40	Key Surgical Points in Donor and Recipient Kidney Transplantation	Dr. E. Barış AKIN
11:40 - 12:00	Donor Anesthesia in Living Kidney Donation: Safety, Monitoring and Perioperative Care	Dr. Tahsin ÇINAR
12:00 - 12:20	Recipient Anesthesia and Critical Care in Kidney Transplantation: From Operating Room to ICU	Dr. Elif GÖK
12:20 - 12:40	Discussion	**Moderators:** Prof Bertin P OUEDRAOGO Dr Boureima OUEDRAOGO Dr Stéphane ZIGANI
12:40 - 13:30	Lunch Break	

FINAL DRAFT

Session III - Transplant Pathology, Infections and Basic Immunology

Time	Topic	Faculty
13:30 - 14:00	Transplant pathology: biopsy interpretation, rejection patterns and clinical correlation	Dr. Ebru Şebnem AYVA
14:00 - 14:30	Infectious Disease Management in Kidney Transplantation: From Pre-Transplant Evaluation to Post-Transplant Care	Dr. Ebru ORUÇ
14:30 - 14:50	Tissue Typing Laboratory Tests in Kidney Transplantation: From HLA Typing to Crossmatch Interpretation	Dr. R. Derya KILIÇOĞLU
14:50 - 15:10	Discussion	**Moderators:** Dr. Serge A. SAWADOGO Dr. Aïda LENGANI Dr. Edwidge SANOGO
15:10 - 15:30	Coffee Break	

Session IV - Nephrological and Immunological Evaluation

Time	Topic	Faculty
15:30 - 15:50	Post-transplant nephrology follow-up: immunosuppression, graft function and long-term monitoring	Dr. Özgür MERHAMETSIZ
15:50 - 16:10	Transplant Immunology in Kidney Transplantation: HLA, Crossmatch, DSA and Immunological Risk	Dr. R. Derya KILIÇOĞLU
16:10 – 16:30	Nephrological evaluation of the kidney transplant candidate and living donor	Dr. Özgür MERHAMETSIZ
16:30 - 16:50	Discussion	**Moderators:** Dr. Fatimata DIALLO Dr. Yeremadé Juste BONZI Dr. Francois P KISSOU
16:50 - 17:10	Closing Remarks and Certificate Ceremony	

Roundtable – Council Meeting

Time	Topic
17:10 - 18:30	Roundtable Discussion: Kidney Transplantation Multidisciplinary Council Meeting (Discussion of candidate couples for transplantation and reaching a final decision) • Burkinabe Transplant Team • Turkish Transplant Team

FINAL DRAFT