

(RRT)

From basic technique to patient outcome







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Aims and Objectives

This programme is designed to deliver up-to-date knowledge and evidence-based clinical experience in **Renal Replacement Therapy (RRT)** under the umbrella of the **World Kidney Academy (WKA)**. Prior experience in these subspecialties is essential. These **3 wholly-online modules** are offered wholly online study using an interactive electronic platform, which produces a high-quality interface for learning and teaching through keynote lectures, a multitude of interactive discussion boards and a series of parallel journal clubs. Each module is 20 credits at the master's level. A fellowship degree is awarded after the successful completion of all 3 modules.

This course focuses on renal replacement therapy enhancing the training and boosts the clinical experience of renal replacement therapy professionals by providing reflective learning.

The course is delivered by experienced clinicians and health professionals from various reputable overseas nephrology and dialysis centres to enhance the exposure of the candidates to different clinical experiences and practices. The education is delivered in the form of online lectures, case discussions, critical appraisal of scientific papers and problem-solving exercises. Clinical scenarios and real-life practical experience are discussed online by senior clinicians. The lectures are delivered in an asynchronous approach to overcome the challenges posed by time zone differences and to maximise mutual and reciprocal engagement.

This higher degree emphasises the practical implementation of renal medicine and dialysis and fosters analysis, questioning and reasoning of the current practice, and compares it with the current best available scientific evidence. The candidates will be encouraged to formalise a treatment plan for routine, challenging complex clinical cases and share in decision-making.

Foreword by the President of WKA



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On behalf of the World Kidney Academy (WKA), we welcome you to the **Fellowship of Renal Replacement Therapy (RRT).** We have written this **Handbook** to explain how this fellowship is designed. This Handbook will guide you through the whole fellowship and help you to understand what we expect from you and highlight how we help you during your study. It provides you with the roadmap for your education with us. The Handbook is not a replacement for any communication with the fellowship staff but helps you to understand the rules and the regulations followed during your study.

We have invested in appointing a dedicated staff to help you. Therefore, your engagement with the fellowship staff is essential to get the maximum benefit during your study with us. Please read it thoroughly before joining the Fellowship and keep referring to it during your journey through the Fellowship.

We wish you the best in your career.

President of the WKA

Foreword by the Programme Directors

Welcome to the **Fellowship Programme of the Renal Replacement Therapy (RRT).** This fellowship programme, a unique, flagship programme, is offered wholly online. It is structured as **three 20-credit modules** (Master's level/level 7) that can be taken either as a fellowship or as standalone modules.

We are very pleased you have chosen to start the next stage of your education with us, with a massive investment to improve our resources for all our students and to recruit appropriately qualified national and international clinicians to inform and deliver our curriculum, to ensure that all we deliver is current, evidence-based and research connected. We aim to give you a valuable and satisfying student experience. To achieve this successfully, our experience is a partnership between us as tutors and students. This wholly online programme will establish your peer support/learning via the online discussion group and journal club. You will learn things from us as well as from each other. Most importantly, you will also discover things for



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yourself. We would particularly urge you to keep in touch with the tutors to get the maximum benefit.

Admission is open for **All International Students** in a **Part-time Capacity**. There are **3 wholly-online modules** for the full fellowship. Each module is delivered over 16 weeks and will comprise:

- Asynchronous audio-lectures.
- Recorded synchronous tutorials.
- Student-led teaching.
- Reflective practice on real cases.
- Real-life scenarios.
- Group discussion of complex scenarios.
- Critical appraisal of scientific papers.
- Critical appraisal of the available evidence with reflection on the local practice.
- MCQs with answers and explanations.
- Facilitated online discussion boards.

The total number of scheduled learning and teaching hours is 200 hours/module (72 hours of directed student activity and 128 hours of student self-directed learning activity).

The student is expected to spend 16-17 hours studying per topic over the 16 weeks of the module. Additional time is provided to guide the students during the assessment (formal and informal). Our materials will be issued in a cycle every 7 days (please see the timetable provided for each module). Emphasis will be placed upon developing effective clinical reasoning strategies based upon the use of 'best evidence' and critical reflection of practice.

Distinguished students are encouraged to submit their work for presentations at national and international conferences and publish it in peer-reviewed journals. We also support our students' applications for international grants to support advanced training in clinical dialysis.



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Programme Directors

Masters Level Study

Masters level study is now referred to in England as level 7 study. At this level, you are required to take 'ownership of your studies', and this requires a highly motivated, autonomous student, particularly given the challenges in maintaining a work/life balance and international study in some cases. Additionally, given this programme is delivered wholly online, you are expected to engage and contribute to the activities in each 7-day cycle. Therefore, excellent time-management skills are important; but rest assured that the fellowship academic, clinical, and professional services staff is here to support you. We will be working collaboratively to ensure that you have the optimum student experience whilst studying online in the fellowship programme.

If you have any questions, concerns, or problems, then PLEASE raise them at an early stage with the Module Lead & the Programme Directors. We sincerely hope that you will enjoy your time studying with us and wish you every success.

Information about the World Kidney Academy

The WKA is a non-commercial organisation conceptualised and developed by professionals with proven credentials in education through distance learning. It is delivered through an interactive electronic platform to enable an evidence-based, cost-effective approach to manage patients undergoing renal dialysis. This ambitious endeavour, an asynchronous global ward round, will bridge a massive hiatus in clinical practice by fostering a live interaction between healthcare professionals from different countries. There is a dire need to help, guide, mentor and support our colleagues committed to healthcare systems looking after patients from low- and middle-income backgrounds.

This program emphasises the practical implementation of renal dialysis. WKA is based on equipping clinicians with scientific analysis of evidence in a learning environment that encourages questioning the current practice, consistently fine-tuning clinical skills, and fostering



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reasoning for the most pragmatic approach. WKA is your institution as your knowledge enriches it just by participation. It enhances self-learning by garnering the support of experienced colleagues around the globe with whom you share your challenges.

Communication with Students

Email

Communications with the students are **only** through the WKA email account created on joining the fellowship programme. It is imperative that you check this daily during term time and regularly during vacation periods.

Other Communication Tools

Other communication supportive tools are employed to maximize communications with the students and facilitate engagement, such as Zoom, WhatsApp groups, Team Meeting, direct telephone calls, Viber, and Messenger.

Learning Management System (LMS)

The LMS is a digital learning platform used for delivering the fellowship educational materials through an easy-to-use system. It allows interactive discussion and engagement of the students and provides an excellent learning experience.

For further information on the LMS visit:

https://en.wikipedia.org/wiki/Learning management system#Characteristics

Administration and Technical Support

ICOM Group is the official PCO in charge of the Fellowship Project.

Administration, students' admission, LMS Management and technical support are provided by ICOM. For further information, please visit:

https://icomgroup.org

Students Admission



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Admission is opened on 4-month bases (after each module). Dates and deadlines of the application process will be published in due course. We encourage early application to allow sufficient time to consider the applications. In the event the programme becomes full, we will no longer be able to consider applications.

Cost Information

The fellowship programme is a non-profit-making and non-commercial programme; however, it incurs fees to cover the expenses of the administration, the technology involved and the educational materials. The registration fees will be announced when the call for applications is opened. Payment is not requested until your application has been checked and meets all requirements for admission.

Patient Anonymity

Patient confidentiality must be always maintained, and there should be no reference to specific patients, identification numbers etc., that could potentially lead to the identification of a patient either in any coursework or in the discussion forum. It is your responsibility to ensure this. Any information that a student provides from which a patient might be identified as a serious professional issue and will be treated as such. Despite the program not being a subject to local health authority regulation, it will conform to the local health authority guidance on patient confidentiality.

Any breach of the statements outlined by the guidelines may result in referral to an academic integrity investigation by the programme director, which in turn may result in removal from the module or failure of an assessment etc.

Accreditation (TBC)

Accredited by the American Association of Continuing Medical Education (AACME)® and the European Accreditation Council for Continuing Medical Education (ECCME)®.



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Academic Director

Hesham EL Sayed

Professor of Nephrology, University of Ain Shams, Egypt.

Academic Co-Director

Said Khamis

Professor of Nephrology, University of Menoufia, Egypt.

Programme Director

Dina Abdellatif

Consultant Nephrologist, Cairo University, Egypt.

Board of Directors of the WKA

The WKA is represented in the fellowship programme by the board of directors.

Fellowship Advisory Board (Alphabetical)

AbdelHafeez Shibany

Consultant Nephrologist, Tripoli University hospital, Libya

Abdou Niang

Professor of Nephrology and Head of nephrology department at the Faculty of Medicine of Cheikh Anta Diop University, Dakar, SENEGAL.

Beranard Canaud

Emeritus Professor of Nephrology, Montpellier University, France.

Georgi Abraham

Professor & Consultant MGM Healthcare, Chennai, India



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Dujana Moussa

Senior Nephrologist and Transplant Physician, KSA DCMD Diaverum Arabia

Magdi Elsharkawy

Professor and Head of Nephrology Department, University of Ain Shams Egypt

Mahfooz Farooqui

Consultant Nephrologist, Pakistan

Rümeyza Kazancioglu

Professor of Nephrology, Bezmialem Vakıf Üniversity, Istanbul, Turkey.

International Guest Speakers

The scientific committee will invite international speakers to have life presentations and discussions with students using zoom videoconferences.

Programme Structure

Aims and Objectives

The course is the first of its kind to deliver up-to-date knowledge and evidence-based clinical experience in dialysis. This programme is offered wholly online study using an interactive electronic platform, which produces a high-quality interface for learning and



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teaching through keynote lectures, a multitude of interactive discussion boards and a series of parallel journal clubs. Each module is 20 credits (200 hours of directed and self-directed learning - table 1) at master's level (LEVEL 7). English language examination is NOT required for those who studied medicine in English; others, need to demonstrate evidence of a good command of English.

Directed (Virtual Classroom) Learning			
The expected number of hours for each student per week engaged in	6 hours		
the virtual classroom in the discussion, dedicated to task group work and			
individual assignment.			
Total number of hours per module	72 hours		
Self-directed (Non-virtual Classroom) Learning			
The expected number of hours for each student per week reading to	11 hours		
support engagement in discussion board and individual assessment.			
support engagement in discussion board and individual assessment. Total number of hours per module	128 hours		

Table 1: Breakdown of directed and self-directed learning.

This programme teaches renal dialysis. The programme is not a substitute for practical training in renal dialysis, but it enhances the practice and boosts the clinical experience of dialysis clinicians by providing reflective learning.

• Programme Description, Overview and Philosophy

The programme is delivered by experienced clinicians and health professionals from reputable national and international medical centres to enhance the exposure of the candidates to different leadership experiences and clinical practices. The education is delivered in the form of online lectures, case-based discussions, critical appraisal of scientific papers and problem-solving exercises. Real-life scenarios and practical experience are discussed online (asynchronous) by senior clinicians. The lectures are delivered in an asynchronous approach to



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overcome the challenges posed by time zone differences and maximize mutual and reciprocal engagement. An optional tele-education is introduced in each module synchronously to enhance the learning experience and encourage the engagement of the students. These synchronous interactive sessions will be recorded and posted to all students.

Teaching and Learning Methods

This programme emphasizes the practical implementation of academic medicine and enhances soft skills. It fosters analysis, questioning and reasoning of the current practice, and compares it with the recent best available scientific evidence (table 2).

Teaching and Learning Methods					
1	On-line delivery using pre-recorded, asynchronous keynote lectures, on-line tutorials, videos, podcasts, case studies: supported by facilitated discussion boards, journal club and facilitation of group interaction.				
2	Evidence based learning and practice. Critical appraisal of scientific papers and professional documents.				
3	Critical reflection on practice at the workplace through the on-line platform.				
4	Implement the best available evidence to tailor the management within the boundaries of the local resources.				
5	Individual (formal and informal) tutorial support to prepare for assessment as required.				
6	Individual tutorial support of underperforming students.				

Table 2: Teaching and Learning Methods.

The candidates will be encouraged to formalize a management plan for routine, challenging and complex real-life events and scenarios. The platform provides the most ambitiously equipped electronic library (e-library) that facilitates access to critical scientific papers and textbooks covering a wide range of soft skills and academic topics.

This mixed pedagogy is particularly appropriate when students bring knowledge and expertise, which is a valuable resource, to the online classroom. The learning and teaching strategy are designed to take the students through a reflective learning environment in a structured way



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over a 16-week period, using examples of where underpinning knowledge and understanding can be applied across the academic-leadership interface using a case-based approach. This will be supported by a robust, current evidence base.

Underperforming Students

Underperforming students are identified by the module lead and reported to the programme director. The reason for underperformance is investigated by the programme director and rectified. Individual tutorial support for underperforming students is delivered by the module leads/programme director (table 2).

Eligibility

Nephrologist with acceptable access to dialysis practice.

Assessment

Students must submit one summative assignment per module (2000 words or equivalent per assignment). These assignments could be in the form of coursework, reflective essay questions, case scenarios, poster presentations and critical appraisal of scientific papers. The students have the option to submit a draft for review (formative assessment) before the final submission. A regular informal formative assessment during the course is known to drive learning and, thereby, will enrich the learning process with a resultant long-lasting educational outcome. By employing various assessment strategies, the faculty aims to negate each technique's limitations and, thereby, make the assessment process more robust. Senior clinicians supervise the assessment in the relevant fields to ensure achieving the planned learning objectives.

Students should contribute to more than **70%** of the discussion board and journal club to be eligible to take the exam.

Marking

Marking criteria for each assessment will be available in the module's online space. Each assignment is marked by two examiners. A random sample of the marked assignments is ratified by an external examiner assigned by the fellowship managers before submitting the results to the exam board for approval.



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Re-sit

One resubmission of any unsatisfactory assignment is allowed generally within one month of the date of the release of the results (after approval by the exam board).

Exit Awards

Fellowship in RRT is awarded after successful completion of the four modules (120 credits). Postgraduate Certificate in Renal Dialysis is awarded after the successful completion of 2 modules in any order. Students have the option to study any of these modules as CPD/CME as standalone modules (table 3). For those who wish to take the module as CPD points, their percentages of contribution will be counted as CPD/CME (percentage of the total CPD/CME awarded per module).

Award	Modules	Duration
CPD/CME	ONE module in any order	4 months
(Standalone)		
Fellowship in RRT	3 modules in any order	9 months

Table 3: Exit awards and fellowship.

Extensions

Extensions to coursework submission deadlines are only available on written agreement from the Board of Examiners and after submitting evidence of extenuating circumstances.

Extenuating Circumstances

Students are allowed to delay their assignment submission and apply for an extension in case of unforeseen circumstances affecting their performance before or during the assessment process. Students must submit evidence to support their claim of their right for extension and consider their eligibility for extenuating circumstances to the Board of Examiners.



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Academic Integrity Policy and Academic Writing

The Fellowship Programme is committed to deliver a high standard of education in renal dialysis and protects the value of its awards. Therefore, all students are taught a compulsory short module by experienced members of the scientific committee on the principles of evidence-based medicine, presentation skills, academic integrity, plagiarism, the principles of academic writing and how academic misconduct can affect the integrity of science. The tutorial is supported by practical exercises to ensure the understanding of these important academic principles.

Spectrum of Offences and Penalties Applied

Students must produce their own work, understand the principles of proper referencing, respect copyrights, and expected to practice intellectual honesty.

The Fellowship programme employs a plagiarism software checker for any submitted work. Any academic misconduct will be taken seriously and may lead to a penalty which could be up to termination of the study. The following code of practice on assessment (figure 1) will be explained to the students at the beginning of their study:

Category A

- Minor errors (missing quotation marks, minor mistakes in referencing).
- Mark penalty (up to 10% of maximum mark), as laid out in the marking scheme, with detailed feedback on how to avoid errors in the future.

Category B

- Poor academic practice (poor paraphrasing and inadequate referencing).
- The assignment mark is capped at a minimum pass grade for the assignment (50%).
- Advice is given to avoid any future poor academic practice.

Category C

- Plagiarism, copying, collusion or dishonest use of data.
- Committing category B twice.
- 0% for the assignment and must resubmit it after the appropriate amendments.





- Written warning.
- Advice is given to avoid any future offences.

Category D

- A second or subsequent category C offence following the first written warning, thereby an intent to deceive.
- The student fails the whole module.
- If a student accumulates sufficient modules with 0% due to multiple category D
 offences, then the Board of Examiners could exercise the right to *terminate* studies
 due to a lack of satisfactory progress.



Figure 1: Spectrum of offences implemented in the Fellowship programme.

Our academic integrity policy is adapted from:

https://www.liverpool.ac.uk/media/livacuk/tqsd/code-of-practice-on-assessment/appendix_L_cop_assess.pdf

Board of Examiners



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The Board of Examiners is committed to managing and overseeing the education process and ensuring the delivery of intended learning objectives. The panel consists of the following members of the staff:

- Programme directors
- Module Leads

It has the following responsibilities:

- Ratifies the exam results.
- Ratifies the extenuating circumstances.
- Ratifies the penalty for those students who committed plagiarism and academic dishonesty.
- Making recommendations for underperforming students and suggesting the level of support they require.

Syllabus

I. Module I: Dialysis Techniques (11 weeks)

Objectives:

This module addresses the following points:

- The basics and principles of dialysis, this is the starting information required to
 effectively understand the dialysis procedure in depth which will include water
 treatment and dialysate composition so that fellow can individualise the
 treatment specific to a patient.
- Dialysis prescription that is precise, specific, and effective for patients.
- What toxins in the blood are retained, how to remove and how to improve the quality of life (living Longer and stronger on the dialysis approach).
- Three PHs are the Physics of dialysis, the Physiology of toxins production and ways for removal and the Philosophy of your choice in the dialysis prescription.



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1. Principles of Haemodialysis (1 Lecture/1 Week)

- Diffusion, convection, solute transport through dialysis membrane and ultrafiltration
- TMP Backfiltration

2. Haemodialysis Apparatus (1 Lecture/1 Week)

- Dialysis water treatment and water purification and endotoxin levels
- Dialysate composition including ultrapure and sterile dialysate
- HD machines and alarms, the safety of HD machines, proportionating system

3. Haemodialysis Modalities (1 Lecture/1 Week)

- Basic haemodialysis including both the frequency and duration of the dialysis sessions
- Hemodiafiltration techniques with different doses
- Hemoperfusion and other adsorption therapies

4. Prolonged Haemodialysis Therapies (1 Lecture/1 Week)

- Prolonged intermittent RRT (PIRRT)
- Continuous Renal Replacement Therapy (CRRT)

5. Therapeutic Apheresis (1 Lecture/1 Week)

- Different types of plasmapheresis
- Indications and doses

6. Vascular Access (1 Lecture/1 Week)

(AVF/AVG) creation and monitoring



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- Examining the AVF/AVG
- Drawbacks of AVF on the cardiac function

7. Vascular Access (1 Lecture/1 Week)

- Short- and long-term catheters
- Different catheter designs
- Length fit for individualized patient

8. HD initiation, prescription, and adequacy (1 Lecture/1 Week)

- Multidimensional approach, the dogma of Kt/V and other biomarkers of adequacy
- Controlling metabolic aspects including metabolic acidosis
- Incremental HD indications and follow-up of patients
- Residual kidney function

9. Principles of PD (1 Lecture/1 Week)

- Ultrastructure of the peritoneum & microcirculation in peritoneal dialysis
- Peritoneal physiology-transport of solutes
- Immunology of peritoneum.
- Ultrafiltration in peritoneal dialysis
- Peritoneal dialysis solutions and PD modalities
- PD solutions (electrolytes, osmotic agents, acid-base, biocompatible fluids, PD Systems, connectology)

10. PD Prescription and Adequacy (1 Lecture/1 Week)

- Chronic PD prescription, PET Test
- CAPD vs APD
- Adequacy and guidelines



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11. PD Access- and Catheter-Related Complications (1 Lecture/1 Week PD Access is not numbered

- Types of catheters
- Catheter insertion techniques
- · Catheter malfunction & management

Zoom Life Case Discussion

International Guest Speaker

Webinar Modern PD

II. Module II: Dialysis complications and special situations (11 weeks)

Objectives:

This module addresses the following points:

- This module focuses on dialysis complications and special situations.
- Focusing on intradialytic changes in blood pressure
- Changing in blood electrolytes
- Long-term complications in dialysis journey like B2m Amyloidosis
- At the end of this module, you will be able to identify different complications of dialysis and how to manage them.
- Vascular access and PD Catheter related complications

1. Acute Complications of HD (1 Lecture/1 Week)

- Air embolism
- Extracorporeal clotting
- Muscle cramps, disequilibrium, hypersensitivity reaction and other acute complications



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Post dialysis fatigue

2. Intra-dialytic Hypotension and Hypertension (1 Lecture/1 Week)

- Pathophysiology of blood pressure control
- Major outcomes and different organ stunning
- Intradialytic control of Blood pressure variabilities

3. CRBSI and Catheter Malfunctions (1 Lecture/1 Week)

- Bacterial infection and septicaemia related to catheter
- Catheter clotting
- Catheter lock techniques with different solutions/drugs

4. Beta 2 Microglobulin Amyloidosis and Uremic Pruritus (1 Lecture/1 Week)

- Pathophysiology of B2m amyloidosis
- The current approach for the treatment of pruritus

5. Electrolytes Disturbances in HD (1 Lecture/1 Week)

Including sodium, potassium, calcium, and magnesium

6. Anticoagulation in Dialysis and Heparin-Induced Thrombocytopenia (1

Lecture/1 Week)

- LMWH, HMWH and citrate anticoagulation
- Routes of administration
- HIT, mechanisms and management

7. Women's Health and Pregnancy in Dialysis Patients (1 Lecture/1 Week)

- Dialysis in pregnancy
- Pregnancy during dialysis, nutritional support
- Delivery recommendations



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8. Drug Dosing in HD and CRRT (1 Lecture/1 Week)

- Drugs secreted by the kidneys
- Drugs not secreted by the kidneys
- Drug dosing prescription in dialysis patients in intermittent and prolonged sessions

9. Peritonitis and Other Catheter-Related Infections (1 Lecture/1 Week)

- Diagnosis
- Management of exit site infection
- Tunnel infection and Peritonitis
- Reporting peritonitis rates

10. Non-infectious Complications of Peritoneal Dialysis (1 Lecture/1 Week)

- Long-Term Complications of Peritoneal Dialysis
- Encapsulating Peritoneal Sclerosis (EPS), (Epidemiology, Diagnosis, management, Prognosis)

Zoom Life Case Discussion (TBA)

International Guest Speaker Webinars (TBA)

PD in AKI

III. Module 3: Dialysis Outcomes (11 weeks)

Objectives:

This module addresses the following points:



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Five cardinal needs of ESRD patients are: 'can travel' (portable dialysis), 'can eat freely' (nutrition support), 'has no pain, 'has no fear' of dialysis fatigue and, lastly, 'enjoy free days' between dialyses. These are our goals of therapy to fulfil all patients' requirements that we will discuss. RRT Fellowship will complete the courses of transplantation and CKD-MBD by placing the correct pieces of the jigsaw puzzle.

- Major causes of death with focused on cardiovascular causes
- Overview of CKD-MBD and anaemia management
- Improving the outcome and quality of life by home dialysis and portable machines
- Evaluating the centres by the scoring system and the patients reporting data

1. Anaemia Management in CKD and Dialysis Patients (1 Lecture/1 Week)

- Erythropoietin hormone replacement therapy and hypoxia-inducible factors HIFS
- · Risk and benefits
- Current guidelines

2. Overview of CKD MBD (1 Lecture/1 Week)

- Calcium, phosphorus and PTH
- Approaches for diagnosis and management
- Current guidelines

3. Cardiovascular Disease and Vascular Calcification (1 Lecture/1 Week)

- Non-traditional risk factors for cardiovascular disease
- Promotors and inhibitors of vascular calcification including calcific uremic arteriopathy

4. Home Dialysis and Patient Outcome (1 Lecture/1 Week)

- Advantages of Home dialysis , and improving QOL
- Patients selection for Home dialysis



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• Available HD machines for Home Dialysis and setup requirements

5. Quality control of Common Infections (1 Lecture/1 Week)

- HD units infection control
- Managing different patients with non-vascular access common infections
- Vaccinations

6. Nutrition in Dialysis patients (HD & PD) (1 Lecture/1 Week)

- Nutritional prescription
- Malnutrition and including sarcopenia and Frailty

7. Fluid Overload State (1 Lecture/1 Week)

- Different methods of evaluation of fluid status
- Green UFR

8. Hemodiafiltration and Medium cut off Haemodialysis Patient Outcomes (1 Lecture/1 Week)

9. Bridging between Dialysis and Transplantation (1 Lecture/1 Week)

- Preparing dialysis patients for transplantation
- Pre-emptive transplantation
- Dialysis returns back

10. Dialysis Scoring System and CPM (1 Lecture/1 Week)

- Initializing dialysis Score for a better outcome
- Different Performance measurements and auditing
- Domains and subdomains in CPM
- Points of Reporting (Acute incidence, Morbidity and Mortality)
- Pay for performance program



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Auditing of cenetrs

11. International Reporting data with different countries (DOPPS) (1 Lecture/1 Week

- Numbers of incidence and prevalent patients in different countries including
- Percent between PD and HD
- HD prescription / performance /HDF and other data from different countries

Zoom Life Case Discussion (TBA)

International Guest Speaker Webinars (TBA)

Contact us

For any queries, please email us at help@worldkidneyacademy.org

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