



ACCELERATE  
YOUR CAREER  
GROWTH IN



Fellowship in

# NEPHROLOGY



12 Months  
Programme



Globally  
Accredited



Placement  
Assurance



Live Sessions by  
Experienced Faculties

# ABOUT MediCOLL

MediCOLL Learning online learning platform that encourages interaction and knowledge sharing among participants. Through discussion forums, live webinars, and virtual networking events, you can connect with fellow learners from around the world. This collaborative approach not only enhances your understanding of the subject matter but also provides opportunities for networking and building professional connections within the medical community.

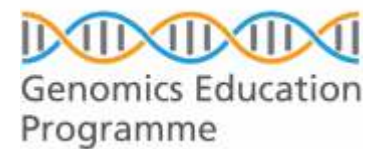


In today's fast-paced world, online learning platforms have revolutionized education, making it more accessible and flexible. Medicoll Learning is an innovative online learning platform that serves the needs of medical professionals, MBBS graduates and Non-MBBS graduates, who aspire to pursue specialized fellowship courses. With a commitment to deliver high-quality education, Medicoll Learning offers a wide range of fellowship programs designed to enhance the knowledge, skills, and career prospects of medical professionals. One of the key advantages of MediCOLL Learning is its online learning format. This allows you to access your fellowship courses from anywhere, at any time, and at your own pace. The platform provides a user-friendly interface with a variety of learning resources, including video lectures, interactive quizzes, and case studies.

MediCOLL Learning places a strong emphasis on delivering high-quality medical education. The organization collaborates with renowned medical experts and practitioners to develop and deliver cutting-edge educational programs. By leveraging the expertise of industry leaders, Medicoll Learning ensures that its educational offerings are up-to-date, evidence-based, and aligned with the latest advancements in medical science and practice. The organization recognizes the importance of interactive and engaging education, incorporating a variety of teaching modalities such as case-based learning, simulations, hands-on workshops, and virtual learning platforms. These methods foster active participation, critical thinking, and practical application of knowledge, ensuring that learners are well-prepared to address real-world challenges. These fellowships provide healthcare professionals with advanced clinical training, research opportunities, and mentorship, enabling them to excel in their chosen specialties. The comprehensive nature of these fellowships equips participants with the skills and knowledge required to become leaders in their fields.

# THE PARTNERS

## ACADEMICS



## TRAINING





# ACADEMIC PARTNER MANGALAYATAN UNIVERSITY

To be a leader in education, an institution must be founded on two basic principles: keeping the interest of students as its foremost priority and recognizing that knowledge is ever-growing, omnipresent and requires the opening of minds.

At Mangalayatan University, we take pride in these two qualities being at

the core of our existence. Mangalayatan (translated as the germinal bed of positive thought) aims to perpetuate a culture of hardwork, embracing change and preparing oneself for the fast progressing world with the latest skills and the highest level of social and personal values. Situated 20 km from the Yamuna Expressway in Uttar Pradesh, Mangalayatan University was founded in 2006 and has graduated over 7000+ students. Nearly 3500+ students from India and abroad are currently studying on campus.

Mangalayatan University vision is to give students from all kinds of background, a quality educational experience leading to legitimately rewarding career opportunities.



# WHY CHOOSE US?



- ✔ Globally Accredited Curriculum
- ✔ Hassle free admission, delivery and assessment
- ✔ International Accreditations
- ✔ Highly Experienced Faculties
- ✔ Clinical observership with leading Hospitals
- ✔ Fast Career Growth
- ✔ Easy EMI options available

# NEPHROLOGY

## IN ORDER TO MAINTAIN A HEALTHY LIFESTYLE ONE NEEDS TO PREVENT THEIR KIDNEY.

Our "Fellowship in Nephrology" is intended for healthcare professionals who wish to gain a high level of proficiency in the diagnostics, therapeutics, and care of patients with multiple, complex, and chronic kidney diseases. A fellowship in Nephrology is a technical training program designed for fellows.



800 Million people  
affected from chronic  
kidney disease worldwide



The population of over 7.8  
million Indian people are  
living with chronic kidney  
diseases.



254,028 total deaths  
occurred worldwide due  
to chronic kidney disease  
in 2019

Career options in Nephrology in India and abroad are increasing day by day for highly skilled physicians. A physician trained in diagnosing and treating kidney pathologies is the need of the hour.

# COURSE HIGHLIGHTS



12 Months of Programme



Live Sessions by Eminent Faculties



Globally Accredited



Flexible Learning Mode

## LEARNERS TESTIMONIAL



**Dr. Santosh Kamble**



Best learning platform that keeps you updated with latest clinical methods.



**Dr. Maheeb Rehman**



Wonderful opportunity for Doctors who really want to improve their skills with knowledge



**Dr. Aman Shaw**



Excellent faculties & much informative study material with practical learning. I am truly impressed

# COURSE MODULES

## MODULE-1

### Anatomy and Physiology

- Embryology of kidney
- Renal Anatomy
- Glomerular Physiology
- Tubular Physiology
- Role of kidney in blood pressure regulation
- Endocrine and Autocrine function of the kidney

## MODULE-2

### FLUID, ELECTROLYTE, ACID-BASE Disorder

- Hypo-/hypernatremia: disorders of water balance
- Hypo-/hyperkalemia
- Hypo-/hypercalcemia
- Hypo-/hyperphosphatemia
- Hypo-/hypermagnesemia
- Clinical acid-base disorders

## MODULE-3

### Glomerular Diseases

- Proteinuria and/or hematuria
- Lupus Nephritis
- Immunoglobulin A nephropathy and Henoch-Schönlein purpura
- Vasculitis
- Nephritic syndrome & Nephrotic syndrome



# COURSE MODULES

## MODULE-4

### Infections of Urinary tract and Kidney

- Urinary tract infections- acute and chronic
- Cystitis and Urethritis
- Renal and perirenal Abscesses
- Fungal infections of urinary tract
- Renal tuberculosis or other mycobacterial infections

## MODULE-5

### Tubular Diseases

- Isolated defects of tubular function
- Fanconi syndrome
- Renal tubular acidosis
- Hypokalemia tubular disorders
- Urinary tract obstruction and Reflux Nephropathy

## MODULE-6

### Interstitial diseases

- Analgesic nephropathy
- Nonsteroidal anti-inflammatory drugs and the kidney
- Viral Glomerulonephritis
- Membranoproliferative Glomerulonephritis
- Interstitial nephritis

# COURSE MODULES

## MODULE-7

### Kidney in systemic Diseases

- Diabetes mellitus
- Hypertension
- Amyloid and immunotactoid glomerulopathy
- Plasma cell dyscrasias
- Sarcoidosis
- Systemic vasculitis
- Mixed cryoglobulinemia and hepatitis C
- infection
- Systemic lupus erythematosus
- Scleroderma-systemic sclerosis
- Rheumatoid arthritis, connective tissue disease and sjögren's syndrome
- Sickle cell neuropathy

## MODULE-8

### Renal Disease in Pregnant Women

- Kidney disease in pregnancy

## MODULE-9

### Nephrotoxicity

- Drugs causing nephrotoxicity
- Management of nephrotoxicity
- Medical management of stone disease
- Nephrocalcinosis

## MODULE-10

### Inherited Renal Diseases

- Autosomal dominant polycystic kidney disease
- Nephronophthisis
- Alport's syndrome

# COURSE MODULES

## MODULE-11

### Infections of Urinary tract and Kidney

- Urinary tract infections- acute and chronic
- Cystitis and Urethritis
- Renal and perirenal Abscesses
- Fungal infections of urinary tract
- Renal tuberculosis or other mycobacterial infections

## MODULE-12

### Nutrition requirements in renal diseases

- Nutritional screening and assessment
- Rationale for medical nutrition therapy in kidney disease
- Nutrition and fluid requirements in kidney disease
- Diets and enteral supplements in kidney disease

## MODULE-13

### Dialysis

- Dialysis strategies
- Vascular access Hemodialysis
- hemofiltration and hemodiafiltration
- Peritoneal dialysis
- Adequacy of dialysis
- Medical management of the dialysis patient
- Dialysis strategies
- Vascular access Hemodialysis
- hemofiltration and hemodiafiltration
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- Medical management of the dialysis patient

# COURSE OUTCOMES

## UPON COMPLETION OF THE PROGRAMME ONE SHOULD BE ABLE TO...

- 01** Screen and diagnose common adult illnesses in a day to day practices
- 02** Manage patients with clinical competence using latest guidelines
- 03** Provide comprehensive care for chronic diseases like diabetes, hypertension.
- 04** Screen and diagnose common adult illnesses in a day to day practices

## COURSE FACUTLY



**DR. SANJAY AGARWAL (MD, FACE, FACP)**

Fellow of American College of Endocrinology  
Director, Aegle Clinic - Diabetes Care  
Head, Dept. of Medicine & Diabetes, Ruby Hall Clinic, Member,  
Editorial Board, BMJ Open Diabetes Research & Care Journal  
Associate Editor of International Journal of Diabetes  
in Developing Countries (IJDDC)  
Hon. Secretary, Governing Council, National RSSDI  
Chairman, International Diabetes Expert Consortium( IDEC)



**DR. ANJALI BHATT (D.ENDO, MSC (ENDO))**

Consultant Diabetologist and Endocrinologist  
(Clinician, Researcher, Academician, Activist)  
Founder ENDOCLINIC, Pune

# ADMISSION PROCESS



## Eligibility

- ✓ MBBS/MD/PHARM-D
- ✓ Practicing Physicians
- ✓ MD and DNB/FNB residents
- ✓ Medical Students who are in their final year can also apply.



## Steps to Apply



### Registration

Fill the application form and submit relevant documents



### Fee Payment

Proceed with the fee payment after submitting the application form



### Get Started

Once the application form is received along with documents and course fee, we will provide the login details to access the course



- ✓ Course duration – 10 Months (online) + 2 Months (observership)
- ✓ There will be an extra charge for the extension of the course validity.





Enrollment no. FCM10916F



# FELLOWSHIP IN NEPHROLOGY

*This is to certify that*

## DR. NARESH CHAUHAN

has successfully completed the requirements prescribed under the regulations of award of 52 weeks programme in Critical care medicine including observership and is awarded with **FELLOWSHIP IN NEPHROLOGY** in.....Year.....

This course is conducted by **MediCOLL** in association with **Mangalayatan University** and digital content from **eIntegrity** and **Royal College of General Practitioners, UK**

**Authorized Signatory  
MediCOLL Learning**

### Academic Partners



**Course Director  
Dr. Sanjay Agarwal**

Terms and conditions apply

Refer to FAQs on our each course page

For any queries write us at :  
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