



FELLOWSHIP IN DIABETES MELLITUS



52 Weeks
Programme

Live Classes with
Diabetologist

4 Weeks of
Observership

Globally
Accredited

About MediCOLL



MediCOLL is an advanced Medical Ed-tech organization that offers specialized courses for medical graduates through an interactive medium of education. Programmes are designed by distinguished scholars of medical world who have immense clinical experience and can infuse all their practical & theoretical knowledge into the course content. Programmes offered at MediCOLL are sublime blend of practical and theoretical pedagogy with the latest technology that imparts efficacious learning experience to students.

Our Partners



Diabetes is a silent killer that damages cardiovascular, nervous, renal and multiple other health systems



Our fellowship in diabetes has been designed by leading diabetologist to cover the clinical features, screening & diagnosis. Pathophysiology, classification, management and its complications to help you treat the Diabetic Patients with competence and utmost confidence.



537 millions people's suffering from diabetes worldwide



77 Millions has been diagnosed with diabetes in India



1.5 million deaths are directly attributed to diabetes every year

India, dubbed as diabetes capital of the world, next only to China, has the largest diabetic population and one of the highest diabetes prevalence rates in the world. India 77 millions Vs China 116 millions affected peoples with diabetes.

Course Highlights



**52 weeks of
Programme**



**Live Sessions by
Experienced Faculties**



**4 Weeks of
Observership**



**Multiple Accreditations
Available**



**Flexible Learning
Mode**



**Scholarship
Available**



Course Module

Module 1 : Introduction, Definition & Epidemiology of Diabetes

- ✓ Brief history of Diabetes
- ✓ Definition and Classification of Diabetes
- ✓ Epidemiology of Diabetes (Overview)

Module 2 : Normal Physiology of Diabetes

- ✓ Pancreatic morphology and islet cell functioning
- ✓ Insulin: Structure, Biosynthesis, secretion and action
- ✓ Glucagon: Biosynthesis, secretion and action
- ✓ Incretins: Physiology in health and diabetes
- ✓ Genetics of diabetes

Module 3 : Classifications of Diabetes

- ✓ Type 1 diabetes – Pathogenesis
- ✓ Type 2 diabetes – Pathogenesis
- ✓ Pre-diabetes
- ✓ Latent autoimmune diabetes in adults (LADA)



Course Module

Module 4 : Clinical Features, Screening & Diagnosis of Diabetes

- Clinical presentation of Diabetes
- Screening and Diagnosis of Diabetes
- Comprehensive Medical Evaluation

Module 5 : Management of Diabetes

- Aims of diabetes care
- Diabetes Education
- Lifestyle changes in Diabetes: Diet
- Lifestyle changes in Diabetes: Exercise
- Pharmacological agents for Diabetes:
- Management of Diabetes Overview of guidelines
- Guideline based management of diabetes Detailed review
- Evidence Review of therapeutic agents, effectiveness and safety



Course Module

Module 5 : Management of Diabetes

➤ Case studies:

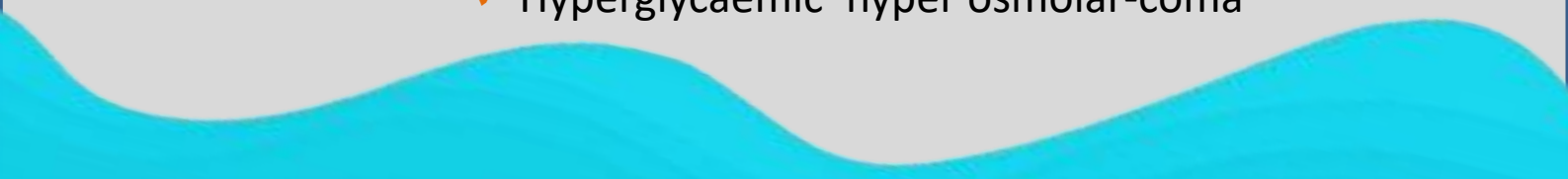
- ✓ Newly diagnosed type 1 diabetes
- ✓ Poorly controlled Type 1 diabetes
- ✓ Newly diagnosed type 2 diabetes
- ✓ Poorly controlled type 2 diabetes on 1 oral medication
- ✓ Poorly controlled type 2 diabetes on 2 oral medications
- ✓ Various Insulin regimen

➤ Diabetes Monitoring

➤ In-Hospital Treatment and Surgery in People with Diabetes

Module 6 : Complications of Diabetes

➤ Acute Complications of Diabetes:

- ✓ Hypoglycaemia of diabetes
 - ✓ Diabetes ketoacidosis
 - ✓ Hyperglycaemic hyper osmolar-coma
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Course Module

Module 6 : Complications of Diabetes

- Acute Complications of Diabetes:
 - ✓ Hypoglycaemia of diabetes
 - ✓ Diabetes ketoacidosis
 - ✓ Hyperglycaemic hyperosmolar-coma

- Microvascular Complications of Diabetes:
 - ✓ Diabetic Neuropathy
 - ✓ Diabetic Nephropathy
 - ✓ Diabetic Retinopathy

- Macrovascular Complications of Diabetes:
 - ✓ Cardiovascular complications
 - ✓ Hypertension
 - ✓ Dyslipidaemia
 - ✓ Cerebrovascular complications
 - ✓ Peripheral vascular complications

- Other Complications of Diabetes:
 - ✓ Diabetic foot and dermopathy
 - ✓ Social and psychological problems in diabetics



Programme Outcome

Upon completion of the programme one should be able to

1

Early diagnosis of Type 1 diabetes to initiate appropriate treatment

2

Diagnose & manage type 2 diabetes

3

Manage diabetic emergencies

4

Manage risk factors and detect early complications of diabetes

5

Provide comprehensive diabetes care including diabetes reversal (remission) programs



Admission Process



Eligibility

- ✓ MBBS Graduate
- ✓ Practicing Physicians MD and DNB resident
- ✓ Applicants who are in the MBBS 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

Programme Fee:

1,55,000 + GST

For current offer please visit our website

Programme Faculty



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 and 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





Get in touch with us



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- For any queries write us at support@MediCOLL.org
- Terms & conditions apply
- Refer to FAQs on our each course page