



MASTER CLASS
Diabetes Mellitus

Course Overview:

The Diabetes Mellitus Master Class is a sequence of graded courses (Session 1, Session 2 and Session 3) that add up to provide a deeper understanding of Diabetes management.

Session 1 course will enable healthcare professionals to quickly update themselves with fundamental knowledge on Diabetes in a self-learning mode. The course will provide basic knowledge in quick time (3 months) through online modules and assessments. Healthcare professionals can apply this knowledge in the care of diabetic patients in their respective area of work and provide diabetes education to patients. For MBBS doctors, this Session is the qualifying Session to proceed to Session 2 of the course.

Session 2 course is designed to update the General practitioner with the essential knowledge needed for practical management of Diabetes. Here our expert faculty will train the student on the current trends and impart practical guidance on providing quality care for patients with diabetes. This is done through Live Virtual Classes (webinars) in addition to online learning. The student can attend these sessions from home or work place. The faculty will discuss real life cases and current guidelines and the students have the opportunity to clarify their doubts with the faculty.

Session 3 course is more exhaustive and will deliver advanced knowledge, including management of complications and special populations through online learning, Live Virtual Classes and practical training through clinical postings. Diabetes specialists at accredited hospitals and clinics will deliver the practical training. Students have the opportunity to see and learn from real life cases.



Course Objectives:

- Enable increasing mastery in Diabetes Management with each Session of advancement
- Manage Diabetes complications to provide better primary care for Diabetic patients
- Expanded knowledge for managing diabetic patients from special populations
- Enhance practical skills in Diabetes handling through clinical attachments from specialized hospitals

Course outline

Master Class:

Diabetes Mellitus Session 1

- Introduction
- Normal Physiology
- Pathogenesis of Diabetes
- Clinical features and diagnosis
- Basic Management of diabetes

Diabetes Mellitus - Session II

- Global Epidemiology and risk factors of Diabetes
- Metabolic aspects of Diabetes
- Genetics and Immunopathogenesis
- Evidence review of Pharmacological agents
- Evidence-based clinical management of Diabetes
- Other advances

Diabetes Mellitus - Session III

- Epidemiology
- Acute Diabetic complications
- Microvascular Complications of Diabetes
- Macrovascular complications of Diabetes
- Other Complications of Diabetes
- Diabetes in special populations
- Case Studies
- Multidisciplinary approach and Prevention

Course Highlights:

- 12 month duration with 50+ hours of e-Learning Content
- Designed by International experts in the field of Diabetes Mellitus
- Certified and Accredited at every Session by the Royal Liverpool Academy, United Kingdom
- Fundamentally designed for General Practitioners:
 - Apply Diabetes Mellitus knowledge in their specialized area of patient care
 - Extended scope to qualify working with Diabetes specialists.



Duration:

Master Class - 1 Year

Learning Methodology	Session 1	Session 2	Session 3
Online Learning	3 Months	3 + 3 months	6 + 6 months (including a 4-week Internship)
Live Virtual Classes	N/A	6 Sessions	10 Sessions
Clinical Attachments	N/A	N/A	1 month
Course Duration	3 months	3 months	6 months

Training & Learning Methodology:

Online Learning:

This online learning program will be for duration of 12 months. This will be delivered in 3 stages- Session I, Session II and Session III. A login username and password will be provided to access the content. The module-wise assessments also need to be taken online and a 50 % pass mark is required to clear the module assessments. The online content shall be in the form of e-books, PowerPoint presentations, case discussions and lecture videos.

Live Virtual Classes:

With healthcare industry undergoing so many advancements, staying updated about latest trends, technologies and guidelines have become vital. Additionally, having these updates through a healthy discussion with experienced specialists across the industry has been a practice in our blended learning curriculum.

The live virtual classes (webinars) are conducted on a platform that makes interactivity with faculty possible. The student can attend these sessions from home or work place using a computer or a mobile phone. The faculty will discuss current guidelines, management and case studies. The students have the opportunity to ask questions in the chat window and clarify their doubts with the faculty



Assessments:

Session 1: Online Assessments

Session 2: Online Assessments

Session 3: Online Assessments + Viva

Online Assessments: The course has different modules with each having an assessment at the end. All these assessments are online and objective. The final online assessment is available on successful completion of module assessments.

Viva: The examiners will evaluate your understanding of the theoretical concepts taught in the online part of the course, evaluate the cases that you observed during the contact program and your learnings from them and give your case-scenarios to discuss their management.

Certification:

On completion of every Session the student is respectively certified as below by Royal Liverpool Academy and Medvarsity. The Royal Liverpool Academy is the academic centre of the Royal Liverpool & Broadgreen University Hospitals, NHS Trust.

Session - 1	Certificate in Diabetes Mellitus
Session - 2	Diploma in Diabetes Mellitus
Session - 3	Fellowship in Diabetes Mellitus

Eligibility:

Session 1:

Doctors: MBBS doctors, doctors from alternate medical streams such as Ayurveda, Homeopathy, Unani, Siddha, Naturopathy (Recognized alternate medical streams).

Final year students and interns in the above streams are eligible.

Dentists: BDS and above, Final Year BDS students and dental interns.

Physiotherapists: Bachelor of Physiotherapy (BPT), Master of Physiotherapy (MPT)

Nurses: B.Sc. and M.Sc. nurses.

Dieticians: With B.Sc., M.Sc. or PG Diploma in nutrition/ dietetics

Session 2: MBBS Doctors who have completed Session 1

Session 3: MBBS Doctors who have completed Session 2

Accreditation Partner:

Royal | Liverpool | Academy
The Academic centre of the Royal Liverpool and
Broadgreen University Hospitals NHS Trust





Clinical Skills Training and Observership:

Modern medicine provides today's doctors with a wealth of study material and ever-increasing volumes of medical literature. However, a busy doctor may find it difficult to sift the necessary knowledge from this vast sea of information and may lose sight of the basic practical medicine, which is most important in today's practice. Therefore, there arises a need for a comprehensive ongoing training program covering common clinical procedures and practices to ensure standardization of patient care.


The contact program will be conducted in accredited hospitals and diabetes clinics. The students can observe the management of various diabetes cases under the guidance of the specialist. They are expected to maintain a logbook in which they will record the cases taken and their learning from these cases.








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