

REGISTRATION FORM

Name : Dr/Mr/Ms/Mrs _____

Designation / PG _____

College _____

Address for Communication _____

Field of Interest _____

Residential Phone No _____

Mobile _____

Email Id _____

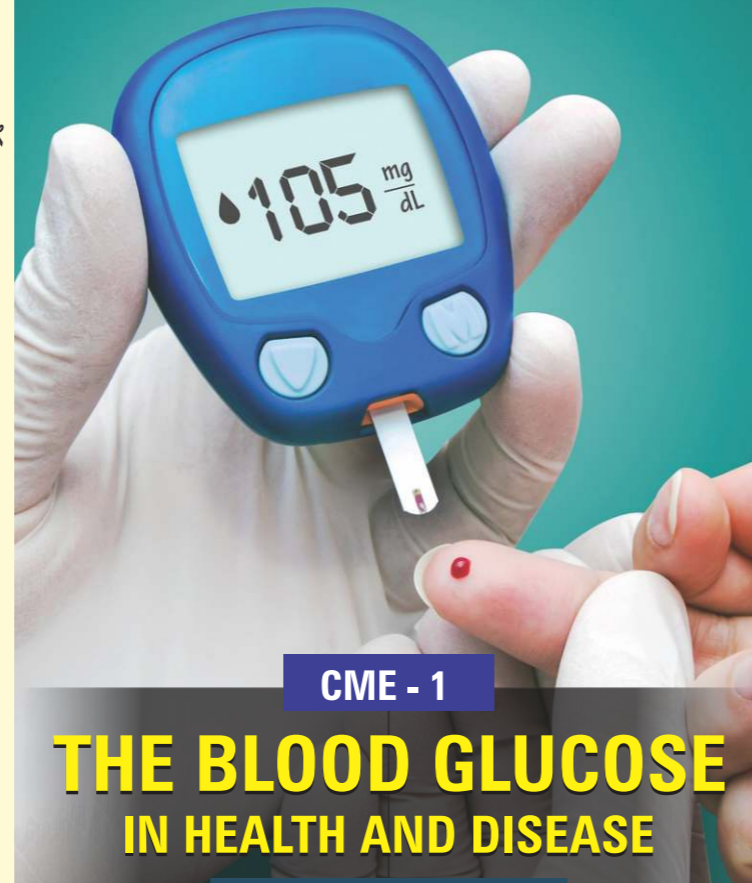
REGISTRATION IS FREE

NO SPOT REGISTRATION

All the delegates are requested to register their names and address on or before
19th February 2015

To
Registration & Transport Committee
Dr. Amrut A Dambal : 9701120408
Mr. Sk. Moinuddin : 9989606109

To & fro transport facility :
From Gandhi Medical College : 7:45 A.M
From Osmania Medical College : 7.30 A.M.
on 27-02-2015



CME - 1

THE BLOOD GLUCOSE IN HEALTH AND DISEASE

27th February 2015

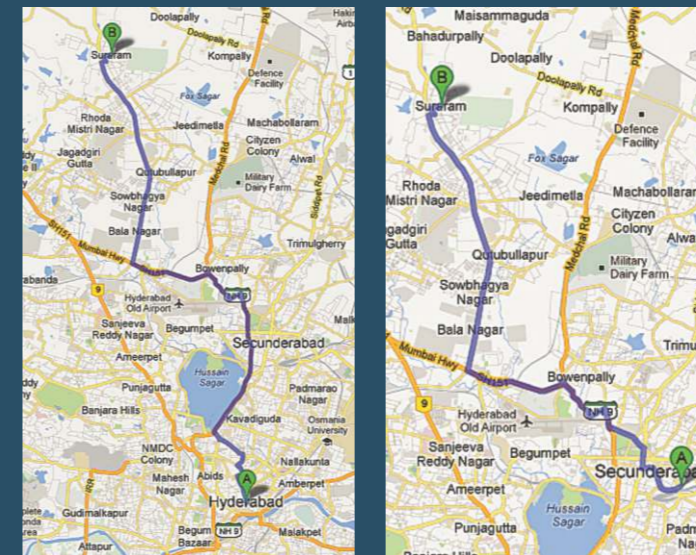
Hosted by:
Department of Biochemistry
Malla Reddy Institute of Medical Sciences
Suraram – Hyderabad.

Venue :
Ivan Pavlov Lecture Hall
Ground floor
Malla Reddy Institute of Medical Sciences

Contact:
Email: mrimsbiochemistry@gmail.com

Organising Secretary:
Mobile: 9949901176

Registration & Transport Committee:
Mobile: 9701120408, 9989606109



ROUTE MAP:

From Nampally, Koti to MRIMS (Bus Routes 283,289,9K,9X)
Secunderabad to MRIMS (Bus Route 227,23M,230)


MALLA REDDY
INSTITUTE OF MEDICAL SCIENCES

Suraram X Roads, Quthbullapur, Hyderabad - 500 055.
Ph. No: 040-64634232

www.mrimso.org

INVITATION



CME - 1

THE BLOOD GLUCOSE IN HEALTH AND DISEASE

27th February 2015




MALLA REDDY
INSTITUTE OF MEDICAL SCIENCES

Department of Biochemistry
Suraram, Hyderabad
Email: mrimsbiochemistry@gmail.com

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Glucose is a ubiquitous fuel in biology. It is used as an energy source in most organisms, from bacteria to humans. Through glycolysis and later in the reactions of the citric acid cycle, glucose is oxidized eventually to form CO₂ and water, yielding energy mostly in the form of ATP. The concentration of the glucose in blood is regulated by a complex interplay of multiple pathways modulated by several hormones. Diabetes mellitus and hypoglycemia are common clinical conditions associated with abnormal glucose metabolism.

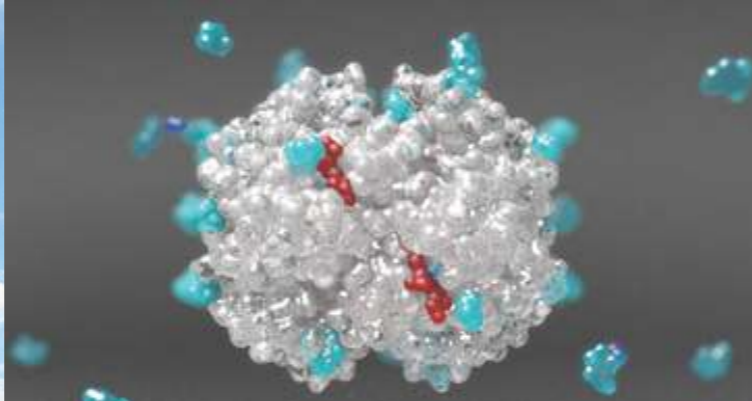
Diabetes mellitus is a group of metabolic disorders of carbohydrate metabolism in which glucose is underutilized producing hyperglycemia. Some individuals may experience acute life threatening hyperglycemic episodes such as ketoacidosis or hyperosmolar coma. As the disease progresses, individuals are at increased risk for the development of specific complications including retinopathy, renal failure, neuropathy and atherosclerosis which leads to stroke, gangrene, coronary artery disease etc. contributing to increased morbidity and mortality.

“Genetics Load the Gun, Lifestyle pulls the Trigger”

Genetic factors contribute to the development of both type 1 & type 2 diabetes mellitus. The mode of inheritance is more complex than mendelian disorders and is not inherited according to mendelian rules. Like a loaded gun, these genes cause no damage unless some one pulls the life style trigger. The clinical laboratory has vital role in both the diagnosis and management of hypo and hyperglycemic status.

In view of the above considerations, we have planned a **CME on THE BLOOD GLUCOSE - IN HEALTH AND DISEASE** which will be beneficial for medical and laboratory professionals.

Organising Secretary
Dr. V. Sampath Kumar,
Professor and Head, Department of Biochemistry,
Malla Reddy Institute of Medical Sciences.
Email: mrimbiochemistry@gmail.com
Cell: 09949901176



GLYCATED HEMOGLOBIN

ORGANIZING COMMITTEE

Chief Patron : Sri Ch. Malla Reddy
(Honorable Member of Parliament - Malkajgiri)

Patron : Mr. Ch. Mahender Reddy (Director)
: Dr. Ch. Bhadra Reddy (Director)
: Dr. Ch. Preeti Reddy (Director)

Chairman : Dr. V. Visweswara Sastry (Dean)

Advisory Board : Dr.T.K. Rajasree, Vice - Principal
: Dr. D. Ranganath
Medical Superintendent.

Organizing Secretary : Dr. V. Sampath Kumar
(Professor & Head, Dept. of Biochemistry)

Scientific Committee : Dr. Prabhavati Modi
: Dr. M. Girija Menon
: Dr. Amrut A Dambal
: Dr. Sridevi D

Registration & Transport Committee
: Dr. Amrut A Dambal
: Mr. Sk. Moinuddin
: Mrs. T. Priyanka

Catering Committee : Mrs. Sidrah
: Mrs. G. Lakshmi Chaitanya

PROGRAM SCHEDULE : **27th February, 2015**

Registration : 9.00 am to 9.30 am

SESSION - 1

GLUCOSE HOMEOSTASIS.

9.30 AM to 10:00 AM - **Dr. V. Sampath Kumar**
Prof & Head, Biochemistry, MRIMS

METABOLIC CHANGES IN HYPERGLYCEMIC EMERGENCIES.

10:00 AM to 10:30 AM - **Dr. N. Vani**
Prof & Head, Biochemistry,
Osmania Medical College, Hyderabad.

10:30 AM to 10:45 AM - **DISCUSSION**

10:45 AM to 11:00 AM - **TEA BREAK**

11:00 AM to 11:30 AM - **INAUGURATION**

SESSION - 2

BIOCHEMICAL INVESTIGATIONS FOR DIABETES MELLITUS

11:30 AM to 12:15 PM - **Dr. Pragna Rao**
Prof & Head, Biochemistry,
Kasturba Medical College, Manipal

MOLECULAR MARKERS IN DIABETES MELLITUS.

12:15 PM to 1:00 PM - **Dr. Q. Hassan**
Prof & Head, Genetics, Kamineni
Academy of Medical Sciences &
Research Center, Hyderabad.

1:00 PM to 1:15 PM - **DISCUSSION**

1:15 PM to 2:00 PM - **LUNCH**

SESSION - 3

CORONARY ARTERY DISEASE IN DIABETES MELLITUS.

2:00 PM to 2:45 PM - **Dr. V. Daya Sagar Rao**
DM (Canada), DM (Edinburgh)
Interventional Cardiologist,
Krishna Institute of Medical Sciences, Hyd.

2:45 PM to 3:00 PM - **DISCUSSION**

SESSION - 4

NEONATAL HYPOGLYCEMIA.

3:00 PM to 3:30 PM - **Col. Dr. C. G. Wilson,**
Professor of Paediatrics, Malla Reddy
Medical College for Women, Hyderabad.

3:30 PM to 3:45 PM - **DISCUSSION**

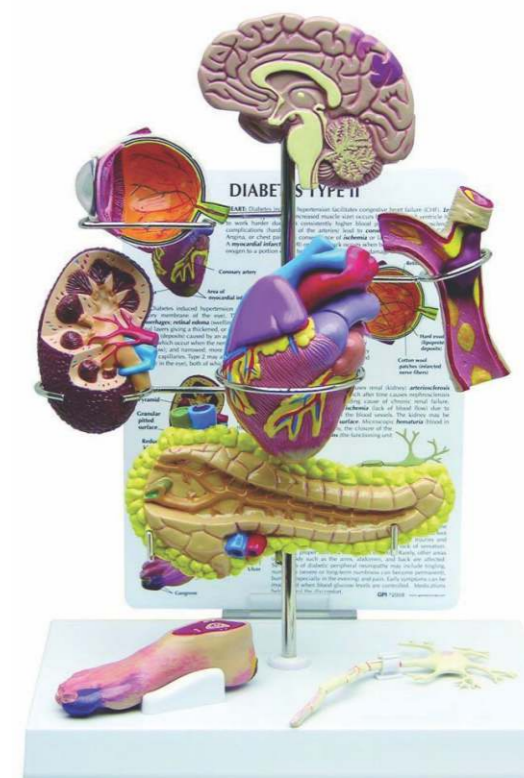
3:45 PM to 4:10 PM - **FEEDBACK & VOTE OF THANKS**



INSULIN



GLUCOSE IN THE BLOOD



DIABETES COMPLICATIONS