Dasman Diabetes Institute
(Science, Technology & Innovation)

Kazem Behbehani
Director-General
Dasman Diabetes Institute

INCONET – GCC Kuwait
Dasman Diabetes Institute

Dasman Diabetes Institute was officially inaugurated on 6th June 2006 by His Highness Sheikh Sabah Al-Ahmed Al-Jaber Al-Sabah the current Amir of the State of Kuwait.

Mission statement: "To prevent, control and mitigate the impact of diabetes and other chronic conditions in Kuwait, through effective programs of research, training, education, and health promotion and thereby improve quality of life in the population."
Dasman Facilities & Services

- Genome Center.
- Training Center.
- Imaging Center.
- Cell Therapy Center (coming soon)
- Clinical Skills Center.
- Wellness and Fitness Center.
- Research Facilities: 4 Direct Units & 2 Core Facilities
- Outpatient Clinics: General, Pharmacotherapy, Podiatry, Nutrition, Pediatrics, Neurology, Cardiology, Obstetrics/gynecology, Nephrology, Ophthalmology, Urology, Dental, Mental Health, Radiology and Pump Clinic.
- Pharmacy
- Auditorium & Conference Facilities
Facilities and Services-cont.

- National Programme for Healthy Living
- Patient care management
- Diabetes Kuwait Resource Centre
- eLibrary (Digital Library)
- Nutritional services
- Healthy cooking Kitchen
- Education & Training:
  - eLearning
  - Public
  - Young generation/ schools
  - Healthcare professionals
Kuwait eHealth Model

Through innovative technology, research and training the Dasman Diabetes Institute is developing a model health system in Primary & Secondary healthcare services.

Such a system will be the most cost-effective approach to chronic disease diagnosis and management.

This puts the citizen at the centre of the healthcare services.
Major Component of the New Technology

Personal Electronic Health Record

- Can follow the patient no matter where treatment is required
- Provides detailed information to the treating health professional
- Protect the patient from overprescribing

Other elements

- Improved quality of care
- Improved patient safety and satisfaction
- Real time delivery of services
- Reliable data processing
- Unifying Clinical Standards & Guidelines
- Effective cost management
Kuwait-Scotland eHealth Innovation Network

Kuwait–Scotland health Innovation Network brings together the Dasman Diabetes Institute, the Ministry of Health in Kuwait and The University of Dundee, in collaboration with NHS Tayside and Aridhia Informatics.

- Capacity building through training and development of Healthcare professionals
- Effective and safe treatment of patients through real time integration of clinical and administrative information services for disease management, audit and governance.
In Collaboration with Joslin, Shapiro Institute and Harvard Medical Faculty Physicians HMFP a full-fledged electronic health record ReportWriter is in implementation at Dasman Institute.

Some of the modules are:

- Registration
- Scheduling
- Physician notes
- Nursing notes
- Pharmacy module
Diabetes eRegistry
Childhood Onset Diabetes Registry

➢ Establish an electronic record linkage of multiple data sources to create a diabetes register for Newly-Diagnosed Children and Youth with Diabetes.

➢ Provide robust and timely information on the epidemiology of diabetes and its complications and to monitor the disease across time.

➢ Estimate the cost effectiveness of intervention and provide an essential tool for research.

➢ Prediction of future incidence of this disease, enables adequate fund allocation for delivery of care to be planned.
mHealth initiative

- Utilizing mHealth to reach population of Kuwait to develop Knowledge based society.
Genome Centre

- Genome Centre is established for identifying the causative and associated genes and gene variants that are responsible for the pathogenesis of the diseases and disorders.

- Applying Public Health Principles & Prevention
Research

- At present there are a total of 33 Ongoing Research Projects addressing the Health issues in Kuwait.
- Harvard School of Public Health Environmental Health Phase III
- The research projects include International collaboration.
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Thank You

Dasman Diabetes Institute