



معهد دسمان للسكري  
Dasman Diabetes Institute



مؤسسة الكويت للتقدم العلمي  
Kuwait Foundation for the Advancement of Sciences

أحد مراكز  
Center



# ANNUAL REPORT 2024



**معهد دسمان للسكري**  
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**His Highness the Amir Sheikh Mishal Al-Ahmad  
Al-Jaber Al-Sabah,  
May Allah Protect and Bless Him**



**His Highness the Crown Prince Sheikh Sabah  
Khaled Al-Hamad Al-Sabah,  
May Allah Protect Him**



**His Highness Sheikh Ahmad Abdullah Al-Ahmad  
Al-Sabah, the Prime Minister,  
May Allah Protect Him**

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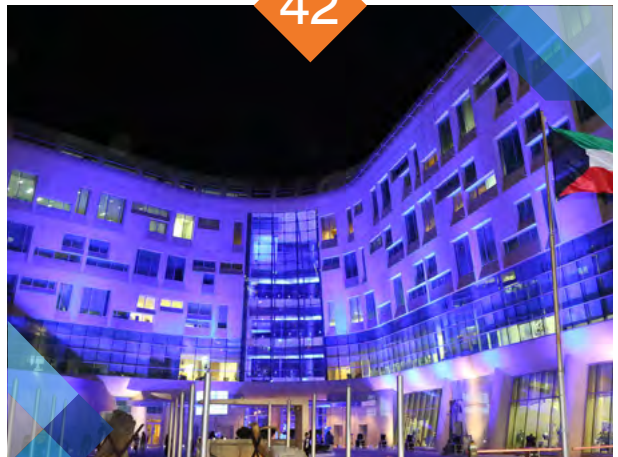
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# DG OPENING MESSAGE



We are honored and privileged to share the 2024 Dasman Diabetes Institute (DDI) annual report. The following pages highlight the many accomplishments and achievements of our dedicated teams.

DDI, an institute founded by the Kuwait Foundation for the Advancement of Sciences (KFAS), has continuously striven to become a world-renowned institute dedicated to *addressing the diabetes epidemic in Kuwait through focused diabetes research, integrated prevention, training and education.*

## Pioneering Research & Global Impact

Our researchers have received national, regional, and international recognition for their innovative strategies and for their research findings that can improve the quality of life of people with diabetes.

In recognition of DDI's contributions to diabetes research, Stanford University named DDI's Chief Scientific Officer one of the world's **top 2% most cited scientists**. This prestigious recognition distinguishes the research caliber at DDI and credits the Institute for its efforts in advancing scientific research and combatting diabetes.

In 2024, DDI proudly announced the selection of one of its researchers as the **first Kuwaiti council member to the European Association for the Study of Diabetes**. This notable position elevates DDI's profile on the international stage, paving the way for greater impact and ensuring that the needs of the Arab population are integrated into research efforts.

The **KFAS Jaber Al-Ahmad Award** also recognized the outstanding contributions of two of DDI's scientists, one in the field of Biosciences and one in the field of **Natural Sciences and Mathematics for 2023 and 2024**.

The Gulf Association of Endocrinology and Diabetes also awarded its **Gold Medal Award** to DDI's Chief Medical Officer, honoring the Institute's significant contributions to diabetes research and extensive scientific publications

In 2024, DDI published **112 publications** across all sectors of which **53 were original research publications**. The Institute also has **58 ongoing research projects** aimed at the development of innovative health services, treatments, clinical trials, and interventions.

## Delivering Health Innovations

DDI's innovative contributions to digital health solutions have attained two awards. **The Hamdan Foundation Medical Award 2024** recognized DDI's Diabetes Risk Calculator for Fasting During Ramadan. DasmanSwitch also received the **Best Health Application Award** at the 12th Arab Media Forum.

The Diagnostic Imaging Center at DDI was awarded the Quality and Accreditation Management Safety Star Award by the Ministry of Health. This award recognizes the center's innovative project that utilizes the 'DoseWatch' technology to patients' radiation dosage during CT scanning.

## Maintaining Excellence & Quality

DDI continuously ensures the delivery of high-quality services, demonstrates dedication to improving services, and prioritizes patient safety. In 2024, the Institute maintained its Diamond Level accreditation from Accreditation Canada and renewed its certification from the College of American Pathologists. The Health Insurance Portability and Accountability Act (HIPAA) also verified DDI's compliance with standards for the protection of patient health information.

## Empowering Communities & Healthcare Professionals

The International Diabetes Federation renewed the Institute's IDF Center of Excellence Award for 2024 - 2025. This award recognizes DDI's unwavering commitment to offering its stakeholders access to advanced treatments and comprehensive diabetes education, empowering them with essential diabetes knowledge.

In 2024, DDI provided accredited training and development opportunities to **more than 2,000 healthcare professionals** and one-to-one diabetes education sessions to **more than 5,000 patients** to support the enhancement of patient self-care and the improvement of health indicators.

DDI's initiatives are dedicated to raising awareness about diabetes management, treatment, and prevention, while advocating for healthier lifestyles and improving overall quality of life. In 2024, DDI conducted **94 activities**, including outreach campaigns, seminars and workshops, 18 of which are Mobile Clinic outreach campaigns.

Demonstrating its commitment to public engagement and health promotion, DDI significantly expanded its reach in 2024. The Institute's media engagement saw substantial growth over 2023, with podcast production and video content **increasing by 50%** each. These efforts were crucial in broadening DDI's outreach and reinforcing DDI's dedication to health education and awareness.

*In conclusion and on behalf of the employees at the Dasman Diabetes Institute, I can only express my heartfelt appreciation and gratitude to His Highness Sheikh Mishal Al-Ahmad Al-Jaber Al-Sabah, the Amir of the State of Kuwait, may God bless him and protect him, and to His Highness Sheikh Sabah Al-Khaled Al-Hamad Al-Sabah, the Crown Prince, and to His Highness Sheikh Ahmad Al-Abdullah Al-Ahmad Al-Sabah, the Prime Minister, may God bless them, beseeching God Almighty to grant them success in moving our beloved country forward on the paths of progress and prosperity.*

In the following pages, it is my pleasure to share a synopsis of our 2024 Achievements.

**Dr. Faisal Hamed Al-Refaei**  
Acting Director General  
Dasman Diabetes Institute

# KEY ACHIEVEMENTS



## PIONEERING RESEARCH & GLOBAL INFLUENCE

### PUBLICATIONS 2024

**112**

Total Number of Publications\*

**53**

Original Research Publications

\* Total number includes publications from all DDI Sectors

### PUBLICATIONS HISTORY

**103**

Total Number of  
Publications 2021

**93**

Total Number of  
Publications 2022

**105**

Total Number of  
Publications 2023

**112**

Total Number of  
Publications 2024

### ORIGINAL RESEARCH PUBLICATIONS 2021-2024

**57**

Original Research  
Publications 2021

**51**

Original Research  
Publications 2022

**55**

Original Research  
Publications 2023

**53**

Original Research  
Publications 2024

### ONGOING SECTOR PROJECTS 2024

**42**

Research Sector

**14**

Medical Sector

**1**

DG Directorate

**1**

Operations Sector

## DELIVERING HEALTH INNOVATIONS



DASMANSWITCH

**Dr. Faisal Hamed Al-Refaei**

Accepts Best Health Application Award  
at the 12th Arab Media Forum for  
DasmanSwitch



مؤسسة حمدان بن راشد آل مكتوم  
للعلم والطب والتربية

**Dr. Monira Alarouj**

Won the Hamdan Foundation Medical  
Award for 2024

## MAINTAINING EXCELLENCE & QUALITY



Renewed IDF Centre of Excellence  
Award - 2024



Renewed CAP Accreditation for the  
Clinical Laboratory - 2024



Maintained Diamond Level Program  
Certification - 2024



Renewed HIPAA Certification valid until  
August 2025

## QUALITY ASSURANCE



**DDI's Diagnostic Imaging Center**

Won the Quality and Accreditation Management Safety Star Award by the  
Ministry of Health

## EMPOWERING COMMUNITIES & HEALTHCARE PROFESSIONALS

Healthcare Professionals		Community	
<b>436</b>	<b>2,327</b>	<b>58</b>	<b>835</b>
Education Courses	Participants	Education Courses	Participants

Graduates & Undergraduates			
<b>15</b>	<b>20</b>	<b>45</b>	<b>45</b>
Medical Sector Interns	Research Sector Interns	Undergraduate Interns	Clinical Shadowing Interns

## PUBLIC AWARENESS

<b>94</b>	<b>6</b>	<b>39</b>
Activities*	Podcasts	Radio Interviews
<b>76</b>	<b>111</b>	<b>144</b>
TV Interviews	LinkedIn Posts	YouTube Videos
<b>268</b>	<b>214</b>	<b>50</b>
Awareness Tweets	Awareness Posts	Awareness Booklets & Flyers

\* Activities include mobile bus outreach campaigns, external lectures, and participation in awareness events

# RESEARCH SECTOR



# 2024 MAIN ACHIEVEMENTS

## PIONEERING RESEARCH & GLOBAL INFLUENCE



**Prof. Fahad Al-Mulla**

Named Top 2% Most Cited Scientists Worldwide in 2024



**Prof. Fahad Al-Mulla**

Named Top 0.5% of All Scholars Globally by ScholarGPS in 2024



**Dr. Dari Alhuwail**

Won the Jaber Al-Ahmad Prize for Young Researchers in Natural Sciences and Mathematics - 2024



**Dr. Fatema Alrashed**

Won the Jaber Al-Ahmad Prize for Young Researchers in Biosciences - 2023



**DDI's Research Sector**

Won Best Research Presentation Award at the Health Science Center Conference, Kuwait University



**Dr. Fatema Alrashed**

Won Best Research Poster Award at a Scientific Research Conference, Kuwait University



**Dr. Fawaz Alzaid**

Appointed as 1st Kuwaiti Council Member for the EASD

## COLLABORATIONS

In 2024, the Research sector maintained strong momentum in expanding its national, regional, and international collaboration network. The Research sector has over 45 international and national collaborations, with key collaborators including the Montreal Diabetes Research Centre, McGill University, Texas Diabetes Institute, Onze Lieve Vrouw Hospital, and Harvard Medical School. Building on existing efforts, three new contractual partnerships were formalized with the Royal College of Surgeons (RCSI), Pfizer, UK, and Cirius Therapeutics.



## PUBLICATIONS

### RESEARCH SECTOR PUBLICATIONS

<b>90</b>	<b>42</b>	<b>29</b>	<b>19</b>
Total Number of Publications	Original Research Articles	Other**	Reviews*

\* Reviews include Reviews, Editorials, Comments, Correspondence, Meta-Analysis and Short report

\*\* Others refer to collaborative papers and publications where DDI staff are co-authors, but none of the research was done within DDI (excluding data sharing).

### Quality: Impact Factor (IF)

The median IF of 2024 was **3.95** for total publications and **4.10** for original research articles. As for manuscripts published in key journals, i.e., journals with an IF  $\geq 5$ , **21%** of the articles were published in key journals (Table 1).

### KEY HIGHLIGHTS

<b>90</b>	<b>3.95</b>	<b>42</b>	<b>4.1</b>
Total Number of Publications	Median Impact Factor	Original Research Articles	Median Impact Factor

**Table 1. Median impact factor (IF) of total publications and publications in key journals, i.e., journals with an IF of  $\geq 5$  in 2024**

	2024
Total Publications	90
Median IF	3.95
% Key journals (IF $\geq 5$ )	21%

Abbreviations: IF, impact factor.

In 2024, the Research sector produced manuscripts that were published in esteemed journals, such as Science (IF, 44.7), Nature Communications (IF, 14.7), and Cell Death & Differentiation (IF, 13.7; Table 2).

**Table 2. List of key journals (IF  $\geq 5$ ) publications from the Research sector in 2024.**

	Journal Name	IF	Number of Publications
1	Science	44.7	1
2	Nature Communications	14.7	1
3	Cell Death & Differentiations	13.7	1
4	Journal of Allergy & Clinical Immunology	11.4	1
5	ISME Journal	10.8	1
6	Stroke	7.8	1
7	Molecular Metabolism	7	1
8	Frontiers in Immunology	5.7	5
9	Diabetes, Obesity, & Metabolism	5.4	1
10	Vaccines	5.2	1
11	Life Sciences	5.2	1
12	Cells	5.1	2
13	Journal of Clinical Endocrinology & Metabolism	5	1
14	Journal of Functional Biomaterials	5	1

## Quality: Quartiles

In addition to the IF, rankings of journals in each subject category are divided into quartiles, which rank the journals from highest to lowest based on their IF. There are four quartiles: Q1, Q2, Q3 and Q4, which are explained in **Table 3** below.

**Table 3.** Definition of quartile ranking of DDI publications

Quartile	Definition
Quartile 1 (Q1)	Denotes the top 25% of the IF distribution
Quartile 2 (Q2)	Denotes middle-high position distribution (top 50% to top 25%)
Quartile 3 (Q3)	Denotes middle-low position distribution (top 75% to top 50%)
Quartile 4 (Q4)	Denotes lowest position (bottom 25% of the IF distribution)

In 2024, a higher percentage of publications from the Research sector were published in **Q1 journals (65% of % indexed)**, while **91%** of articles were published in either **Q1 or Q2 journals**; the breakdown of publications in quartiles Q1 and Q1 + Q2 is shown in **Figure 1**.

**Figure 1.** 2024 Research sector publications falling into Q1 and Q1 + Q2 quartile scores of % indexed.



## COLLABORATIVE PUBLICATIONS

In 2024, the Research sector collaborated with esteemed institutes from around the globe and produced high-impact publications. The number of articles published with international, national, and regional collaborators is shown below.

ARTICLES PUBLISHED WITH COLLABORATORS 2024			
<b>90</b>	<b>35</b>	<b>20</b>	<b>66</b>
Total Number of Publications*	National Collaborators	Regional Collaborators	International Collaborators

\* Several papers have national, regional and/or international affiliations.  
Regional: Collaborators from GCC countries  
International: Collaborators from countries outside the GCC

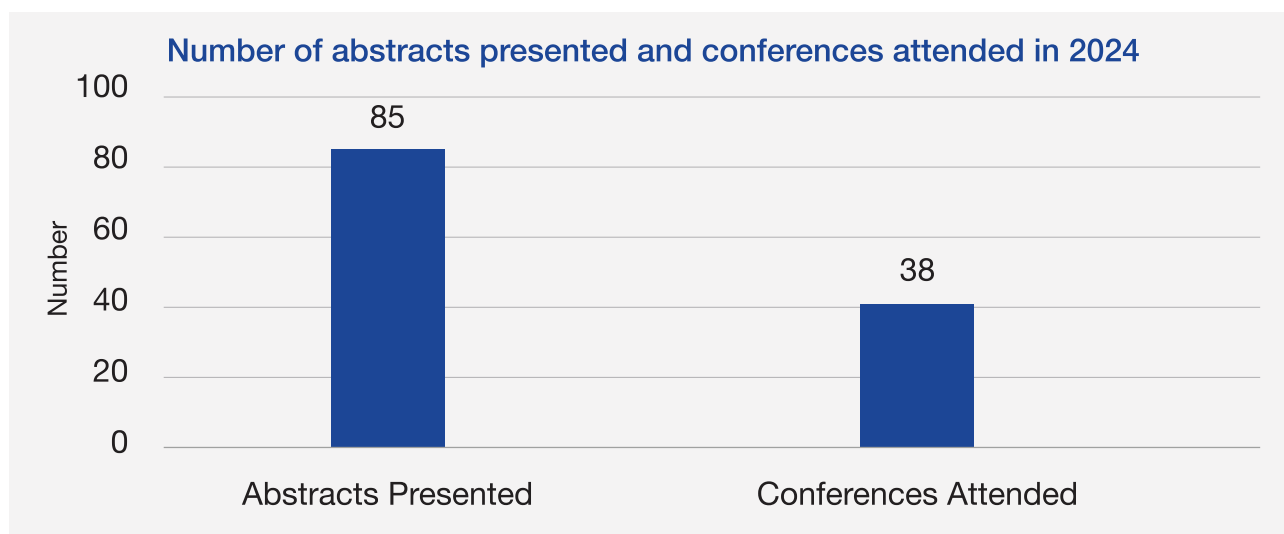
## CONFERENCES

Researchers presented their outstanding research at 38 conferences. 85 abstracts, with 54 posters and 31 oral presentations, were presented. Of these 85 abstracts, 65 were presented internationally and 20 at national conferences.

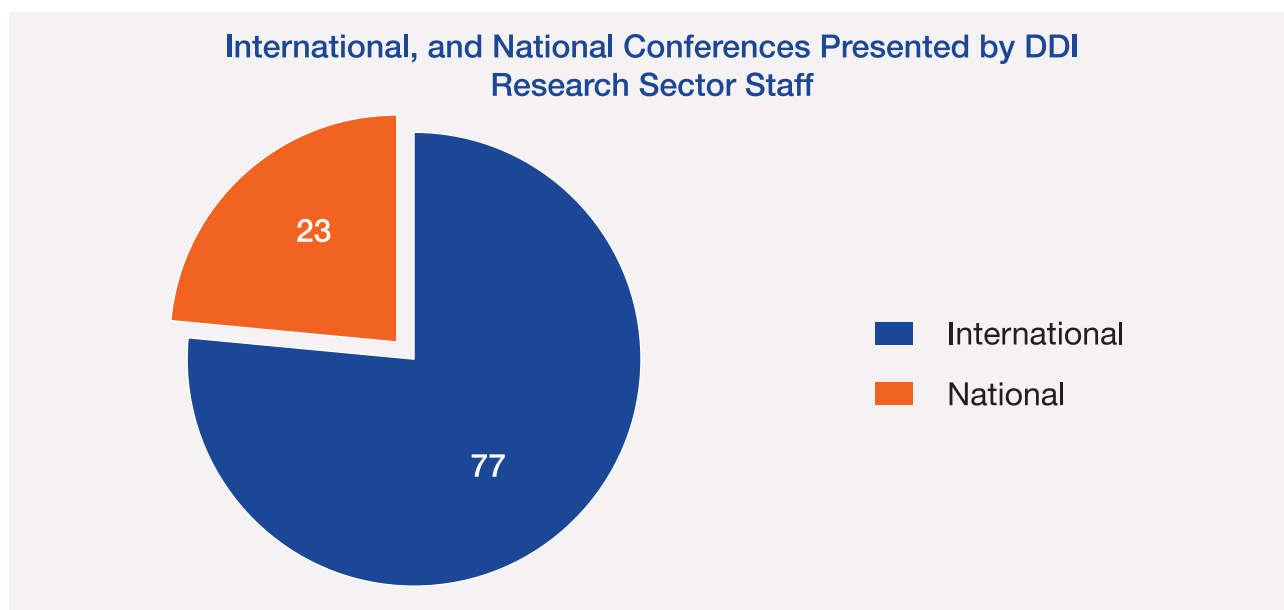
14 abstracts were presented at the 84th Scientific Sessions of the American Diabetes Association (ADA) and 2 oral presentations at the 60th Annual European Association for the Study of Diabetes (EASD) Meeting. (Appendix 1, Supplementary Table 1).



**Figure 2.** Breakdown of conferences attended and presented at by the Research sector in 2024 by type.



**Figure 3.** Breakdown of conferences/events by region.



## SCIENTIFIC KNOWLEDGE TRANSFER

In 2024, the Research sector at DDI organized 40 internal seminars encompassing a variety of formats, including journal clubs discussing recent high-impact publications, research presentations showcasing ongoing projects, and guest lectures delivered by experts from diverse fields. This dynamic seminar series has played a vital role in fostering intellectual exchange and enhancing research productivity across the institute. **Table 4.** Shows the number of internal lectures, i.e., journal clubs, research presentations, and guest lectures by the Research sector in 2024.



**Table 4.** Number of internal lectures, i.e., journal clubs, research presentations, and guest lectures by the Research Sector in 2024.

Internal Lectures	
Journal Clubs	12
Research Presentations	11
Guest lectures	17
<b>Total</b>	<b>40</b>



## INNOVATIONS & PATENTS

Patents reflect DDI's innovation platform and discovery pipeline, supporting industry transfer, enabling global collaborations, and offering a potential return on research investment. **To date, 5 patents have been granted to DDI.**



Under the establishment of the new patent committee in 2024, 5 new patents were filed, three of which were filed through the Sabah Al-Ahmad Center for Giftedness and Creativity (SACGC).

## NATIONAL DASMAN DIABETES BIOBANK

The National Dasman Diabetes Biobank (NDDDB), Kuwait's first and only biobank, supports diabetes research through high-quality biosample services, including processing, testing, and secure storage. Operating to international standards, it manages over 456,000 specimens from more than 47,000 research participants. In 2024, 2,396 participant samples were collected.

## Appendix 1

**Supplementary Table 1. List of abstracts presented at the ADA 84th Scientific Sessions and 60th EASD; 2024**

American Diabetes Association (ADA) 84th Scientific Sessions		
#	Title	Type
1	#4003 Association between PCSK7 Levels and NAFLD Severity in KADEM Study	Poster
2	Peroxisome Proliferator-Activated Receptor Delta (PPAR $\delta$ )—A Key Modulator in the Pathogenesis of Diabetes Mellitus and Mycobacterium Tuberculosis Comorbidity	Poster
3	Early Aged Mice Stay Metabolically Stable with High-Fat Diet.	Poster
4	Sunflower Oil HFD Feeding in Mice Leads to Gut Dysbiosis, Mild Steatohepatitis, and Impaired Glycemic Control.	Poster
5	Role of HLA class I gene alleles and haplotypes in type 1 diabetes in Kuwaiti children.	Poster
6	Actionable Pharmacogenomic Variants in the Kuwaiti Population	Poster
7	Detection of Potential Therapeutic Target Associated with Coronary Artery Disease in Type 2 Diabetes Patients—System Biology Approach	Poster
8	Small RNA-seq identifies distinct miRNAs involved in familial and sporadic Type 1 diabetes cases from Kuwait.	Poster
9	The association of timing and magnitude of peak physical activity with cardiometabolic health outcome in people with diabetes	Poster
10	Four Loci, Four Fates—Differential Regulation of IRF5 Promoter in Prodiabetogenic Stress	Poster
11	#2736 MiR103 as a Potential Inhibitor for Dyslipidemia through Modulation of ANGPTL8 Level	Oral
12	#4073 Synergistic Effects of Dapagliflozin and Tirzepatide Combination Treatment on Weight Loss and Glucose Regulation in Diet-Induced Obese Animals	Oral
13	#3319 Pioglitazone Amplifies the Decrease in HbA1c and Prevents the Increase in Plasma Ketone Caused by Dapagliflozin in Type 1 Diabetes Mellitus Patients	Oral
14	Sustained TNF- $\alpha$ Transcription Triggered in Obesity through H3K9/K18 Acetylation Is Associated with Metabolic Impairments.	Oral
Annual European Association for the Study of Diabetes (EASD; 2024)		
1	Adipose Angptl8 controls glucose and energy metabolism and its suppression in mice improves diet induced obesity.	Oral
2	Dissecting the Causal Association Between Spleen Iron Concentration and Type 2 Diabetes Mellitus Using Two-Sample Mendelian Randomisation	Oral

# MEDICAL SECTOR



# 2024 MAIN ACHIEVEMENTS

## PIONEERING RESEARCH & GLOBAL INFLUENCE



**Dr. Ebaa Alozairi**

Won the Gulf Association of Endocrinology and Diabetes Gold Medal Award

## QUALITY ASSURANCE



**DDI's Diagnostic Imaging Center**

Won the Quality and Accreditation Management Safety Star Award by the Ministry of Health

## MEDICAL SECTOR PUBLICATIONS 2024

**22**

Total Number of Publications

**11**

Original Research Articles

**5**

Other\*\*

**3**

Reviews\*

\* Reviews include Reviews, Editorials, Comments, Correspondence, Meta-Analysis and Short report

\*\* Others refer to collaborative papers and publications where DDI staff are co-authors, but none of the research was done within DDI (excluding data sharing).

**11**

Original Research Articles

**3.2**

Median Impact Factor

**17**

Ongoing Studies

**6**

Clinical Trials

## CLINICAL SERVICES

**4,323**

Total number of patients  
seen in 2024

**43,981**

Total number of  
appointments in 2024

**291**

Patients received with full  
psychometry analysis

## DIAGNOSTIC IMAGING CENTER

**4,439**

Total number of investigations performed  
(MRI, CT, X-ray, Ultrasound, BMD, Vascular lab)

## PODIATRY

**2,720**

Patients seen in Podiatry

**64**

New wounds treated

**33**

Treated wounds healed

## CLINICAL SKILLS CENTER

**400**

Courses completed  
in 2024

**1,972**

Participants in CSC  
courses

**4**

Basic Surgical Skills  
courses

**12**

Advanced Trauma Life Support courses

*The Clinical Skills Center (CSC) is accredited by the American Heart Association (AHA) International Training Center and certified by the Royal College of Surgeons of England to deliver Basic Surgical Skills (BSS) courses.*

## EDUCATIONAL PROGRAMS & WORKSHOPS FOR PEOPLE WITH TYPE 1 AND TYPE 2 DIABETES (T1DM & T2DM)

### Dasman Juniors Program (T1DM | Ages 7-10)

- **Objective:** to enhance glycemic control by fostering self-management skills in children.
- **3** courses were conducted for **15** children and their parents.



## KICK-OFF Program (T1DM | Ages 11-15)

- **Objective:** to enhance glycemic control, foster self-management skills to manage and reduce the risk of long-term diabetes complications, and improve the quality of life.
- **10** KICK-OFF courses were conducted for **56** adolescents and their parents.
- **2** KICK-OFF refresher courses were conducted for **22** adolescents and their parents.



## WICKED (T1DM | Ages 15-18)

- **Objective:** to equip adolescents living with T1DM in Kuwait with the tools and knowledge to optimally self-manage their blood sugar levels.
- **4** courses were conducted in June, July, August, and September 2024 with a total of **21** graduates.

WICKED is considered a pre-DAFNE (Dose Adjustment For Normal Eating) course that will helpfully ease the transition of young people to the widely implemented and well-structured evidence-based program for adults – DAFNE.

## DAFNE (T1DM | Ages 18+)

- **Objective:** to educate individuals on how to calculate or estimate their carbohydrate intake for each meal, adjust their insulin dose based accordingly, and deal with illness, hypo/hyperglycemia, and exercise.
- **Structure:** five-consecutive-day structured education program. Refresher course are also provided.
- **14** DAFNE courses were conducted for **99** participants, with a 1-day post-course after 2 weeks.
- To date, the total cumulative number of DAFNE courses conducted is **155** with **1,027** DAFNE graduates.
- **4** DAFNE refresher courses for **143** graduates were conducted.

### DAFNE CLINICAL IMPROVEMENTS

**0.74%**

Improvement in patients' HbA1c level

**47.4%**

graduates achieved an HbA1c level less than or equal to 7.5%

**98.9%**

reduction rate in incidence of Severe Hypoglycemia among graduates

**98.8%**

reduction rate in incidence of Diabetes Ketoacidosis (DKA) among graduates

**94.42%**

graduates' yearly data has been collected by using the UK DAFNE-based questionnaire

## DAFNE Ramadan Workshop (T1DM)

- **Objective:** to provide DAFNE graduates with comprehensive care through our monthly follow-ups, annual check-ups, and the delivery of a Ramadan plan to support a healthy fasting period.
- **Structure:** A two-day program.
- A total of **86** participants took part in the Ramadan workshop.



### Diabetes Journey Workshop (T2DM)

- **Objective:** to optimize diabetes self-management skills and deal with the day-to-day challenges of living with the condition.
- **Structure:** 4-hour workshop.
- **4** workshops were conducted for **43** adults.

### Cooking Workshop

#### Cooking Workshop (T1DM)

- **Objective:** improve diet quality and foster healthy eating habits through interactive discussions, games, and cooking sessions.
- **4** workshops were conducted for **39** participants.

## Cooking Workshop (T2DM)

- **Objective:** to educate participants on preparing nutritious, diabetes-friendly recipes for better blood glucose control.
- **5** workshops were conducted for **55** participants.



## EDUCATIONAL PROGRAMS & WORKSHOPS

### FOR T1DM & T2DM PATIENTS

#### Education Clinics (Adult & Pediatric)

- **Objective:** to provide the necessary skills for diabetes self-management and assist clients in reaching optimal glycemic and other metabolic therapeutic targets by providing knowledge, motivation, and support.
- **5,931** Education Clinic appointments were made in 2024.

#### Nutrition Clinic (Adult & Pediatric)

- **Objective:** to improve overall diet and manage diabetes by setting personalized dietary goals, creating tailored meal plans, and providing advice to meet patient needs.
- **1,217** patients were seen in 2024.
- **1,074** dietary recalls were conducted in 2024.

#### Diabetes Remission Program (T2DM | Newly diagnosed)

- **Objective:** to improve glycemic control through lifestyle changes (following a food-based, very low-calorie diet) only.
- Average percentage reduction in weight, ranging from **2.3%** to **12.5%** body weight.
- Average HbA1c reduction of **0.73%**
- **88%** of patients achieved an HbA1c of less than **6.5%**
- **60%** reduction in patients' diabetes medications
- **50** new patients enrolled, with **19** completing their 3-month follow-up period.

#### DAFNE Clinic (T1DM)

- **Objective:** to offer support to individuals with T1DM, including both DAFNE graduates and non-graduates.
- In 2024, the total number of appointments was 2,981.
- Collected data from 834 people with T1DM from various hospitals\*.

\* The gathered information is expected to promote diabetes management through follow-ups based on the DAFNE principles and practices.

## EDUCATIONAL PROGRAMS & WORKSHOPS

### FOR HEALTHCARE PROVIDERS (HCPs)

#### SMART Workshop

- **Objective:** to educate HCPs on different methods of optimizing diabetes management and preventing diabetes related conditions using IDF curriculum and ADA Standard of Care guidelines.
- **8** SMART workshops were conducted for **41** participants.

#### PAAET & MOH nurses/educators Clinical Training Course

- **Objective:** to educate HCPs on different methods of optimizing diabetes management and preventing diabetes related conditions using IDF curriculum and ADA Standard of Care guidelines.
- **14** training courses were conducted for **57** participants.

#### What School Personnel Should Know (WSPSK E-Learning Program)

- **Objective:** to educate HCPs on different methods of optimizing diabetes management and preventing diabetes related conditions using IDF curriculum and ADA Standard of Care guidelines.
- **2** programs were conducted for **30** school nurses and teachers.

#### Fasting Ramadan & Diabetes Workshop for HCPs

- **Objective:** to provide clinical evidence, risk calculations and protocols of fasting Ramadan to support patients with diabetes during Ramadan to ensure safe fasting practices.
- **2** workshops were conducted for **78** Primary Care Nurses and Educators from the Ministry of Health (MoH).

## Online Diabetes Management Program

Link: <https://edu.dasmaninstitute.org/course/diabetes-management-program/>

- **Objective:** to augment scientific knowledge and expertise of HCPs in diabetes care using the latest ADA and IDF guidelines.
- **30** healthcare professionals registered for the program.

## Nutrition for Pediatric T1DM Program

- **Objective:** to equip dietitians with the latest knowledge and tools to enhance the overall quality of diabetes care in the healthcare system using different protocols, reports and recommendations.
- **2** programs were conducted for **14** dietitians.

## Diabetic Retinopathy Workshop

- **Objective:** to optimize the standard screening procedures, differentiate the stages of diabetic retinopathy and identify them to initiate the appropriate guidelines for referral.
- **6** workshops were conducted for **75** HCPs in primary care across the MoH.



## Prevention and Management of Diabetic Foot Complications Workshop

(In collaboration with the World Health Organization)

- **Objective:** to equip HCPs with the knowledge and ability to assess the foot in a person with diabetes, appropriately classify foot risk, provide appropriate self-care education, successfully identify and effectively manage diabetes-related foot complications, and know when to refer for specialist care.
- **1** workshop was conducted for **5** primary healthcare physicians.

## Pharmacotherapy Management of Diabetes Complications Course

- **Objective:** to provide up-to-date knowledge based on the latest guidelines on drug treatments to control diabetes.
- **25** PharmD students completed the course.

## EDUCATIONAL PROGRAMS & WORKSHOPS

### FOR PUBLIC (T1DM & T2DM)

#### Managing Diabetes During Ramadan Workshop (T1DM)

- **Objective:** to provide specific protocols and guidelines to safely manage diabetes during Ramadan, including practical tools and strategies for adjusting insulin, monitoring blood glucose, and ensuring a balanced diet while respecting religious practices.
- **1** workshop was conducted for **15** participants.

#### Managing Diabetes During Ramadan Workshop (T2DM)

- **Objective:** to provide specific protocols and guidelines to safely manage diabetes during Ramadan, including practical tools and strategies for adjusting insulin, monitoring blood glucose, and ensuring a balanced diet while respecting religious practices.
- **1** workshop was conducted for **3** participants.

#### Managing Diabetes During Hajj Workshop

- **Outcomes:** to offer patients with diabetes and Hajj campaign personnel with the essential knowledge and practical strategies necessary for managing diabetes effectively during the pilgrimage.
- **2** workshops were conducted in DDI for **28** participants.
- **3** workshops were conducted in Hajj campaigns for **210** participants.

## COLLABORATIONS



## CLINICAL RESEARCH

With the unique setting of the clinical services of DDI, clinical research and trials are conducted in an easy and smooth manner, where all the needed requirements and procedures are conducted within the Medical sector. In 2024, we published a total of **22 publications**, 11 of which are original Medical sector research with a median impact factor of 3.2, 3 reviews, 3 original research in collaboration with the Research Sector, and 5 other publications (case reports, expert consensus, trial protocols). We had a total of 17 ongoing studies, 6 of which are clinical trials.

Some of our ongoing studies include:

- **The vascular brain changes in people with diabetes. (in collaboration with Sunnybrook Research Institute, Toronto)**  
Assess people with diabetes using brain MRI scans and implementing the first Arabic cognitive battery.
- **Obesity treatments to improve diabetes (in collaboration with Ulster University/ SOPHIA and EU Commission)**

Our pioneering work in T1DM and obesity has led us to be included in the SOPHIA Consortium and EU Commission. In addition, the results of this novel work has bridged the way to getting grant approval for a Breakthrough T1DM (formerly JDRF) study, the first of its kind in Kuwait.

We are always striving towards enhancing the recognition of DDI regionally and internationally, and in 2024 the Medical sector presented a total of 41 oral and poster presentations at major regional and international conferences.

## PATIENT SATISFACTION AND COMPLAINTS

To improve the quality of services provided to patients, complaints and satisfaction surveys are conducted by the Patient Liaison Officer and reviewed by members of the Quality and Safety Management Committee (QSMC). In addition, the Patient & Family Advisory Council (PFAC) was established to gain patient perspectives and help DDI incorporate feedback and service-related suggestions.

### PATIENT SATISFACTION

**511**

Total Number of Surveys Completed

**95.89%**

Patient Satisfaction with Services

## PATIENT SAFETY

Patient safety activities are implemented through the joint effort of the Medical Sector Units, QPS Team, QSMC, the Emergency & Safety Committee, and the ERM Committee at DDI. Furthermore, the risk registry for Medical Sector related incidents is regularly updated on an annual basis. The proposed mitigating factors and preventative measures for these risks are discussed and managed by the ERM committee. Patient Safety related incident reports are reported to the Ministry of Health semiannually, in accordance with the MOH decree (311/2015).

As part of DDI's commitment to participating in World Patient Safety Day 2024, "Engaging Patients for Patient Safety" was emphasized. This focus recognizes the vital role that patients, families, and caregivers play in healthcare safety. It aligns with Resolution WHA72.6 – "Global Action on Patient Safety" and the Global Patient Safety Action Plan 2021-2030, which outline key strategies for moving toward the elimination of avoidable harm in healthcare. Additionally, this commitment aligns with Accreditation Canada's recommendations for enhancing medication safety practices at DDI.

# OPERATIONS SECTOR



# 2024 MAIN ACHIEVEMENTS

## INFORMATION TECHNOLOGY

97

Internal training sessions on the latest applications

hellohealth®

Development & implementation of new features\*



Ensure disaster recovery preparedness

\* Based on patients and healthcare professional feedback..



Development of DDI Patient App



Online Diabetes Management Program in Arabic



Renewed HIPAA Compliance

2

Hosted interns from Kuwait University



Improved Careers site features for better applicant management



وزارة الصحة

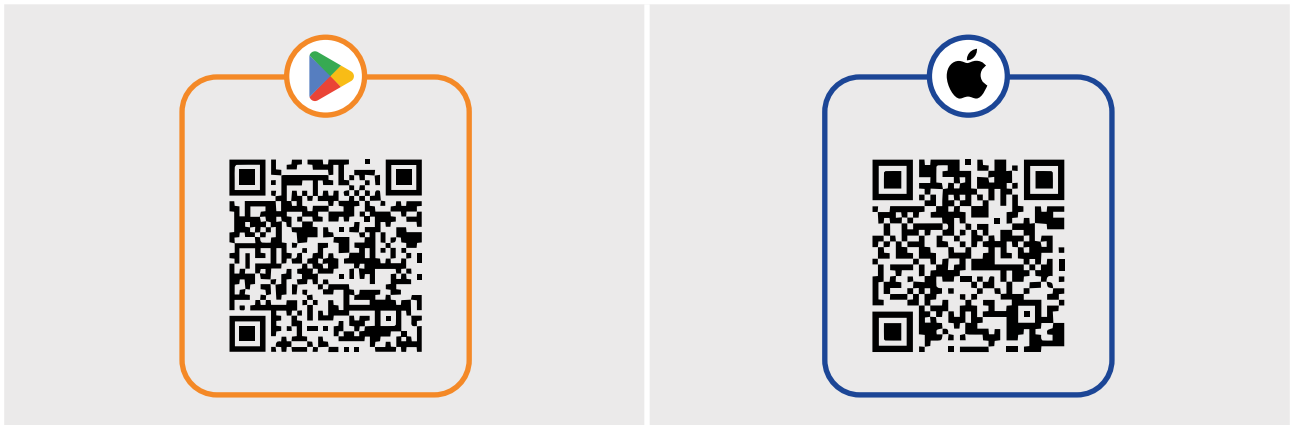
Improved connection between DDI Pharmacy and MOH Sabhan Stores

## DasmanSwitch

DDI's GeoHealth Lab collaborated with The George Institute (TGI) in Australia on the DasmanSwitch project, aligning with the Institute's mission to improve the quality of life for people in Kuwait by conducting research and developing tools to treat diabetes. DasmanSwitch is a data-technology platform consisting of the Content Management System (CMS), an online database, and a mHealth app called the DiabetesSwitch, which features an unprecedented filter specifically designed for people with diabetes.



DASMANSWITCH



This free app is available for both Android and iOS mobile phones.

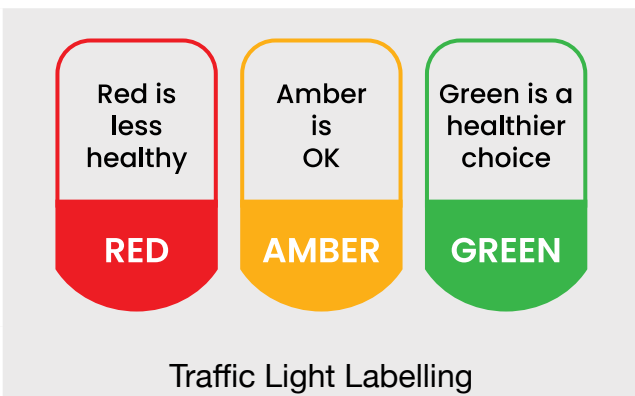
### DasmanSwitch App: Empowering Healthier Food Choices

The DasmanSwitch App (formerly FoodSwitch Kuwait) empowers individuals to make healthier food choices while shopping at cooperative societies. It offers simple nutritional information on packaged food products and suggests healthier alternatives to “switch” to.

The App offers personalized experience for people with diabetes, specifically tailored to their nutritional needs. It's designed not only for people with diabetes but also for anyone looking to eat healthy, track calories, avoid gluten, or find low-sugar products.

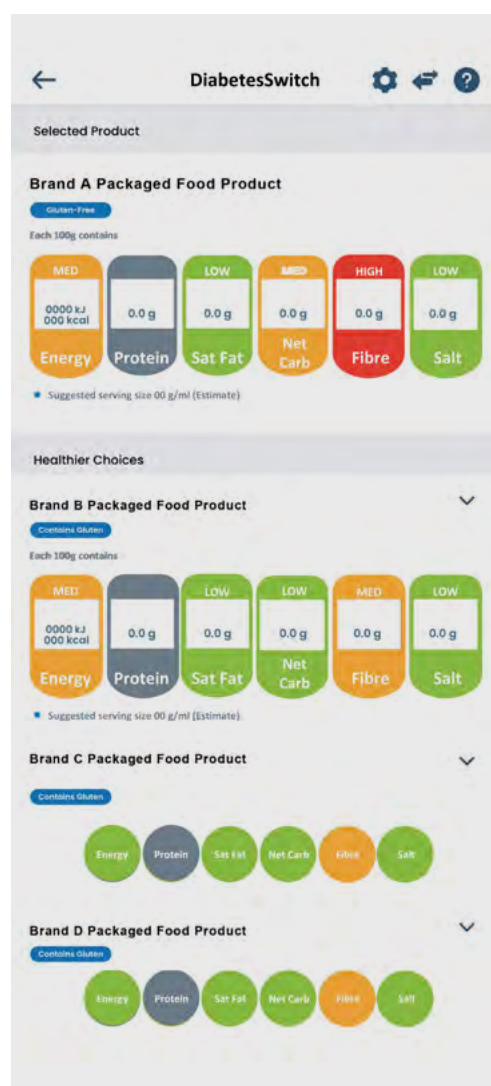
### How It Works?

1. To use the DasmanSwitch App, simply download it to your mobile phone. Then, scan the barcode of a food item, and the App will instantly display easy-to-understand nutritional information about that product.
2. Users can view results in two formats: the default 'Health Star Rating' (HSR), which scores food from 0.5 stars (least healthy) to 5 stars (healthiest). Alternatively, a 'traffic light' (TLL) viewing mode uses color-coded icons (**green** for good, **amber** for moderate, and **red** for unhealthy) to display key nutrient information.



3. DasmanSwitch also presents a list of similar foods, offering healthier alternatives you can “switch to.” These alternatives are filtered based on your selected “Switch filter,” which reflects your specific nutritional needs:

- **Classic FoodSwitch:** For making overall healthier choices based on fat, sugar, salt, energy, protein, dietary fiber, fruit, vegetable, nut, and legume (FVNL) content, and for some products, calcium.
- **EnergySwitch:** For making healthier choices with reduced calorie intake (e.g., for high cholesterol patients).
- **SugarSwitch:** For making healthier choices with lower sugar content (e.g., for those following a low-carbohydrate diet).
- **DiabetesSwitch:** Specifically designed for people with diabetes to help them better manage their diet. This filter considers the level of nutritive carbohydrates or Net Carbs.
  - a. Results for DiabetesSwitch are displayed in Traffic Light Labeling (TLL) mode only.
  - b. It provides information relevant to the conditions: Energy, Protein, Saturated Fat, Net Carbs, Fiber, and Salt.
- In addition, the gluten tag below the name of the products is presented for people impacted by celiac disease or other gluten-related sensitivities to help them easily identify their gluten status.



*See for yourself why we are one of the top health and fitness apps!*

## Content Management System

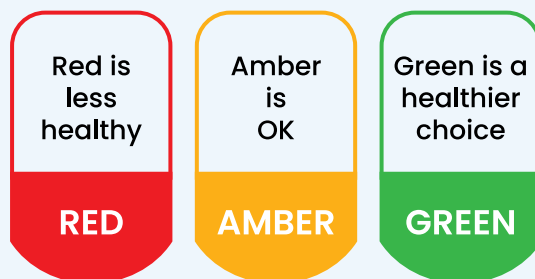
Kuwait utilizes a Content Management System (CMS), an online database, to manage its Food and Beverage Information (FBI). This system is integrated with the GeoHealth Lab infrastructure, creating a robust nutritional profiling system for packaged food products in Kuwait. With 19,000 records, this database supports research into food environments and dietary patterns and is a valuable resource for DasmanSwitch App users and decision-makers in Kuwait.

The CMS data originates from photos of food products gathered by the GeoHealth Lab team or crowdsourced from DasmanSwitch App users. A dedicated Data Entry team reviews these images to input new product information and update existing records. The local Data Manager then conducts a final review to ensure accuracy. Any products with false or misleading labeling are reported to the Public Authority for Food and Nutrition (PAFN) for appropriate action. Consumers are encouraged to use the DasmanSwitch App to submit photos of unlisted products and participate in community surveys, further enriching this valuable resource.

Based on the above, we encourage all consumers to use the DasmanSwitch App and share photos of products not available in it and to participate in our community surveys.

Together, we mutually benefit, we contribute to enlarging our database for research and developing the DasmanSwitch App and we advocate for the improvement of food environments.

### ACHIEVEMENTS



#### Support the national initiative to implement traffic light front-of-pack labeling

The GeoHealth Lab team attended the governmental meeting titled “Labeling Front-of-Pack for Food Products with Traffic Light Labels” at the Kuwait Chamber of Commerce and Industry, in collaboration with the Public Authority for Food and Nutrition (PAFN).

## Future Plans

### EVALUATE DASMANSWITCH APP EFFECTIVENESS



Conduct pilot online intervention studies



Promote healthier dietary behaviors



Promote self-management practices

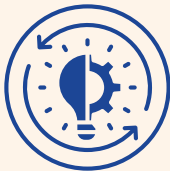
### EXPLORE CLINICAL INTEGRATION AT DDI



DASMANSWITCH

Investigate the app's potential use as a digital support tool for diabetes patients within clinical care settings.

### BROADER RESEARCH AGENDA



Leverage digital health innovations



Enhance patient outcomes



Inform public health strategies



Contribute to evidence-based diabetes care in Kuwait and globally

# PUBLIC AWARENESS ACTIVITIES



## 2024 MAIN ACHIEVEMENTS

PUBLIC AWARENESS		
<b>94</b> Activities*	<b>53</b> Press Releases	<b>39</b> Radio Interviews
<b>76</b> TV Interviews	<b>144</b> YouTube Videos	<b>111</b> LinkedIn Posts
<b>268</b> Awareness Tweets	<b>214</b> Awareness Posts	<b>6</b> Podcasts
<b>50</b> Awareness Booklets & Flyers	<b>114</b> Health Awareness Videos	

\* Activities include mobile bus outreach campaigns, external lectures, and participation in awareness events

## NOTABLE ACTIVITIES OF 2024

DDI hosts a variety of educational activities that may be of interest to the public, medical professionals, scientists (or people in the sciences), or children.

### LECTURE, WORKSHOPS, CONFERENCES

For healthcare professionals and scientists

#### **KFAS Initiative Symposium: “Biomarker Identification for Obstructive Sleep Apnea (OSA)”**

The Kuwait Foundation for the Advancement of Sciences (KFAS) organized the symposium to identify biomarkers for OSA. Organized in cooperation with DDI, the initiative aimed to advance knowledge and potentially improve the lives of people affected by OSA. Experts and other healthcare professionals discussed the latest diagnostic methods, innovative treatments, and other solutions.

## Kuwait and Texas Collaboration: Ground-Breaking Diabetes Update Part 2

DDI held a scientific seminar titled “Kuwait and Texas Collaboration: Ground-Breaking Diabetes Update”. During this seminar, many distinguished speakers, including Prof. Ralph DeFronzo, a renowned Professor of Medicine from the Texas Diabetes Institute, as well as other prominent speakers from Texas and DDI presented lectures. Prof. DeFronzo is acting as an advisor and a collaborator with DDI to deliver a comprehensive plan of action for people with diabetes in Kuwait. This plan is mainly focused on the prevention of diabetes in people with prediabetes, early intervention in people with a recent diagnosis of diabetes, as well as improved diabetes management in people with established diabetes.

## Gulf Sports Nutrition Conference

DDI organized the 2024 Gulf Sports Nutrition Conference to enhance the knowledge of dietitians, physicians, researchers, nutritionists, physiotherapists, personal trainers, and sport coaches in sports, exercise, and nutrition. The conference covered engaging presentations from experts to discuss the latest recommendations and results of global research through lectures, case studies, practical hands-on sessions, and Q&A sessions providing a deep insight into the latest trends and findings on sports nutrition which included topics such as supplement intake for exercise performance, exercise in people with diabetes, body composition etc.



## No Sugar Added – A KFAS, KDD and DDI Seminar

A collaborative project initiated by the Kuwait Danish Dairy Company, funded by KFAS and clinically researched by DDI, marked the launch of no added sugar products aimed at improving metabolic health and nutrition. The seminar, held at DDI, unveiled ice creams from the 'Good for Me' product series that demonstrated lower blood glucose levels and insulin responses in people with diabetes. The study followed a double-blind randomized controlled trial design that focused on the 3 pillars: protect the liver, feed the gut, and support the brain.



## For the public

### Cooking Workshops

DDI's cooking workshops offer people with T1DM and T2DM a unique opportunity to learn how to prepare nutritious, diabetes-friendly recipes for better blood glucose control. Designed by the Medical Sector's Nutrition Unit, these classes aim to educate attendees on a variety of low carbohydrate options, how to prepare them, and clarify any misconceptions about food impact on diabetes. These workshops are catered to adults and kids, accordingly, addressing specific needs that may include weight loss, nutrient-dense recipes, alternative (healthier) food choices, and more.

### Diabetes Education Workshops

DDI provides structured, evidence-based and culturally adapted educational programs that cater to individuals with T1DM and T2DM at different stages of their diabetes journey. These programs aim to empower participants with effective diabetes management skills and essential knowledge that can improve health outcomes and overall quality of life. Our T1DM programs are designed to instill important self-management skills and support optimal blood sugar levels in children, ensuring these practices continue as they grow into adolescents and adults. Our T2DM programs offer support to individuals and the community to develop the practical skills needed for optimal diabetes management and glucose control.

## OUTREACH EVENTS

### For the public

### Diabetes Mobile Clinic

DDI's Diabetes Mobile Clinic continues its diabetes awareness initiatives across Kuwait. We partner with the KFAS Science Bus for engaging school visits and our Mobile Clinic also visits governmental and private institutions. These efforts are crucial for spreading awareness on critical matters that include early detection of diabetes, latest diabetes treatments, diabetes prevention and the importance of living an active and healthy lifestyle. A team from PR, nursing, and diabetes educators are available to answer any diabetes related questions, check blood sugar levels, and share the latest up-to-date information on diabetes with both staff and students.





### World Diabetes Day

DDI, in partnership with Zain Telecommunications, held its Annual World Diabetes Day event in Al Assima Mall. This event was held on November the 14th where DDI joined international efforts in raising diabetes awareness and recognizing its impact on society. Visitors were offered free testing, consultations with diabetes specialists and nutritionists. Visitors also had a chance to gather medical information from the different booths where our professionals could answer more questions about diabetes and maintaining a healthy lifestyle.





## SUMMER INTERNSHIP PROGRAM

In 2024, DDI hosted a successful summer internship program with 35 interns in the Research and Medical sectors. The interns belong to esteemed national and international institutes and worked over 8 weeks at DDI. The enriching internship program included workshops, hands-on laboratory experience, and research publications. At the end of their internship, an open-to-all Poster Day event was hosted by DDI, wherein the interns presented their research to staff and guests.



## AWARENESS INFORMATION

DDI's Sectors work closely to develop educational materials to share on our social platforms for maximum reach. These informative posts are meant to be educational and cautionary to ultimately improve health outcomes.



## HEALTH AWARENESS VIDEOS


DDI continuously strives to spread awareness about diabetes, improve people's understanding around specific topics, empower the public to take preventative action, and more. Our health awareness videos include research education, diabetes management and prevention, specialist recommendations, and more.



## EDUCATIONAL RESOURCES

التعامل مع السكري  
أثناء الطقس الحار

مراقبة مستويات السكر في الدم




عندما تكون في الخارج والطقس حار، يمكن أن يتسبب الطقس الحار في تقلب مستويات السكر في الدم. من المهم فحص نسبة السكر في الدم أكثر من المعتاد والاستعداد لضبط جرعة الأنسولين إذا لزم الأمر.

تسليم الخدمات الصحية العامة - مستشفى الملك فيصل التخصصي ومركز الأبحاث


MANAGING DIABETES  
DURING HOT WEATHER

HYDRATION IS KEY



If you have type 1 diabetes, it's crucial to stay hydrated in hot weather. High temperatures can cause dehydration, which can affect blood sugar levels. Always carry water with you and drink frequently.

Education and Training Department | Managing Diabetes During Hot Weather



Event Name		No. of Attendees
<b>JANUARY 2024</b>		
Diabetes Educator Training Course 07-Jan to 25-Jan		3
ATLS COURSE 15, 16 & 17 Jan 2024		12
KiCK-OFF Refresher Course 17-Jan		20
What School Personnel Should Know (WSPSK) 17&18 Jan		15+15
DDI Mobile Clinic Visits The Scientific Center Kuwait 18-Jan-2024		
KiCK-OFF Course Sun 21-Jan- to Wed 24-Jan 2024		8
DAFNE Course Sun 28-Jan-to Thu 01-Feb 2024		8
DDI Mobile Clinic Visits The Grand Mosque 30-Jan-2024		
DDI Mobile Clinic Visits United Nations House 31-Jan-2024		
<b>FEBRUARY 2024</b>		
Managing Diabetes During Ramadan for Children Workshop 06-Feb-2024		12
School Field Visit-Alshaima Middle School Girls 07-Feb-2024		10
Kids In Control of Food (KiCK-OFF) Course Sun 11-Feb- to Thu 15-Feb 2024		10
Dose Adjustment For Normal Eating (DAFNE) Course Sun 11-Feb-to Thu 15-Feb 2024		8
DDI's Mobile Clinic Visits Fatima Bint Abdul-Malik Middle School for Girls 11-Feb-2024		
DAFNE Post Course 13-Feb-2024		7
Gulf Sports Nutrition Conference 17, 18 & 19 Feb 2024		132
DAFNE Post Course 28-Feb-2024		6

Event Name	No. of Attendees
<b>MARCH 2024</b>	
Diabetic Retinopathy Workshop 03 & 04 March 2024	12 + 12
KiCK-OFF Course Sun 03-March- to Wed 06-March 2024	
DAFNE Ramadan Workshop 03 & 04 March 2024	
Ramadan Workshop for Nurses from MOH 04 & 05 March	40
Managing Diabetes During Ramadan For Adults Workshop 04-March-2024	3
DDI's Mobile Clinic Visits Al-Shuhada Co-Op 04-March-2024	
DDI Participates AIU Careers Fair 05-March-2024	
DDI Visits Kuwait Down Syndrome Society 06-March-2024	
School Field Visits-Sulaibikhat Primary School Girls 07-March-2024	20
Educational Cooking Workshop 10-March-2024	20
DDI's Mobile Clinic Visits Naif Palace 21-March-2024	
Kuwait University Students Visit DDI 26-March-2024	
<b>APRIL 2024</b>	
PAAET Nursing Students Training Course Thursday 18.4.2024 To Thursday 25.4.2024	6
DAFNE Course- Sunday April 21, 2024, till Thursday April 25, 2024	8
Scientific lecture by Mr. Ali Anwar- April 17, 2024	33
KiCK-OFF Course 21,22,23& 24 April 2024	
Kuwait and Texas Collaboration: Ground-Breaking Diabetes Update Part 2 -29-April-2024	

Event Name	No. of Attendees
ATLS course April 28-30, 2024	
DDI's Diabetes Mobile Clinic Visits Al-Shuhada Health Center 30-April-2024	
<b>MAY 2024</b>	
DDI's Mobile Clinic Visits the UN Joint Support Office 02-May-2024	
DAFNE Post-Course 07-May-2024	8
School Field Visits Al-Bayan Bilingual School 09,12,13,15,19,20,22&23 May 2024	25
ATLS course May 12-14, 2024	16
Managing Diabetes During Hajj 20 & 22 May 2024	11
DAFNE Course- Sunday May 26, 2024, till Thursday May 30, 2024	8
ATLS Course May 26-28, 2024	16
The Prevention and Management of Diabetic Foot Complications Workshop 27,28 &29 May 2024	6
<b>JUNE 2024</b>	
ATLS Course June 02-04, 2024	
DAFNE Course- Sunday June 02, 2024, till Thursday June 06, 2024	8
KiCK-OFF 02 to 06 June 2024	
Summer Internship Program Orientation Day 09-June-2024	
KiCK-OFF 09 to 12 June 2024	
DAFNE Post-course 11-June 2024	8
ATLS Course June 11 to 13, 2024	16

Event Name	No. of Attendees
WICKED Course parents' day 11-June-2024	
No Sugar Added Seminar -KFAS & KDD 12-June-2024	8
WICKED Course 23 to 27 June 2024	8
DAFNE Course- Sunday June 23, 2024, till Thursday June 27, 2024	16
ATLS Course June 24 to 26, 2024	50
DAFNE June Recruitment Night 30-June-2024	
<b>JULY 2024</b>	
Summer Internship Workshops 01 & 15 -July-2024	25
Cooking Workshop for Kids 04-July-2024	6
DAFNE Post-course 09-July-2024	16
ATLS Course July 09 to 11, 2024	4
Insulin Pump Training 11-July-2024	10
DAFNE Course- Sunday July 14, 2024, till Thursday July 18, 2024	12
Cooking Workshop»Little Chef» 18-July-2024	15
WICKED Course - Parents' day meeting 18-July-2024	8
KiCK-OFF Course 18-July-2024	6
DAFNE Course- Sunday July 21, 2024, till Thursday July 25, 2024	17
WICKED Course 21 to 25 July 2024	
ATLS Course July 21 to 23, 2024	

Event Name	No. of Attendees
Dasman Juniors Course Kick Off 21 to 25 July 2024	6
Kick OFF Course 28 to 31 July 2024	12
Pump Course 28 & 30 July 2024	8
DAFNE Post-course 29-July-2024	8
DAFNE Refresher Course 29-July-2024	
DAFNE July Recruitment 31-July-2024	60
<b>AUGUST 2024</b>	
Cooking workshop «Little Chef» 01-August-2024	12
DAFNE COURSE- Sunday August 04, 2024, till Thursday August 08, 2024	7
Pharmacist training course 4 to 08 August 2024	
DAFNE Post-course 06-August-2024	7
POSTER DAY-Summer Internship 08-August-2024	
Pharmacist Training Course 11 to 15 August 2024	
Kick OFF Course 11 to 14 August 2024	8
DAFNE August Recruitment 13-August-2024	60
Parents day meeting (WICKED Course) 15-August-2024	12
WICKED Course 18 to 22 August 2024	
Pharmacist Training Course 18 to 22 August 2024	
Diabetes Journey course 20-August-2024	20

Event Name	No. of Attendees
DAFNE Post-course 20-August-2024	6
Cooking Class 22-August-2024	15
Pharmacist Training Course 25 to 29 August 2024	
DAFNE COURSE- Sunday August 25, 2024, till Thursday August 29, 2024	8
Kick OFF Course 25 to 28 August 2024	7
DAFNE Refresher Lecture 28-August-2024	60
<b>SEPTEMBER 2024</b>	
WICKED Post-course 03-September-2024	6
Parent's day meeting (WICKED Course) 05-September-2024	12
Pharmacist Training Course 01 to 05-September-2024	
Diabetic Retinopathy Workshop 08 & 09 September 2024	12+12
Pharmacist Training Course 08 to 12-September-2024	
WICKED Course 08 to 12 September 2024	
Kick OFF Course 08 to 11 September 2024	
Cooking Workshop «Little Chef 12-September-2024	
Pharmacist Training Course 16 to 19-September-2024	
Diabetes Journey workshop 17-September-2024	10
DAFNE September Recruitment 17-September-2024	60
DAFNE Refresher Lecture 18-September-2024	70

Event Name	No. of Attendees
DAFNE Post-course 18-September-2024	6
DAFNE Course Sunday September 22, 2024, till Thursday September 26, 2024	8
ATLS Course September 22 to 24, 2024	
Dietitians Training Course 25 & 26 September 2024	10
<b>OCTOBER 2024</b>	
Kick Course 06 to 09 October 2024	8
Cooking Workshop 03 October 2024	6
Diabetes Journey workshop 08-October-2024	12
DAFNE Post-course 09-October-2024	7
DAFNE Course Sunday October 13, 2024, till Thursday October 17, 2024	7
Diabetes Journey Workshop 22-October-2024	
Winter Vaccination Campaign 22 & 23 October 2024	
DAFNE October Recruitment 22-October-2024	50
DAFNE Refresher Lecture 22-October-2024	60
DAFNE Course Sunday October 27, 2024, till Thursday October 31, 2024	8
ATLS Course October 27 to 29, 2024	
Dietitians Training Course 30 & 31 October 2024	
DDI's Mobile Clinic Visits State Audit Bureau of Kuwait -30-October-2024	
Learn Hands-Only CPR, Dasman Bilingual School 31-October-2024	

Event Name	No. of Attendees
<b>NOVEMBER 2024</b>	
KiCK OFF Course 03 to 06 November 2024	
DDI's Mobile Clinic Visits American University of Kuwait 03-November 2024	
DAFNE Post-course 04-November-2024	7
DAFNE Course Sunday November 10, 2024, till Thursday November 14, 2024	8
DDI Participated in KIPIC Awareness Campaign (Kuwait Integrated Petroleum Industries Company) 10-November-2024	
DD Participated in an Awareness cCampaign at Mubarak Al-Hassawi Clinic 11-November-2024	
DDI Joins an Event at the College of Pharmacy, Kuwait University 12-November-2024	
DAFNE Post-course 12-November-2024	8
World Diabetes Open Day - Al Assima Mall 14-November-2024	
Lecture by PROF. GARY WITTERT 18-November-2024	47
DDI's Mobile Clinic Visits KISR 18-November-2024	
DAFNE November Recruitment 20-November-2024	60
DDI's Mobile Clinic Visits the Grand Mosque 20-November-2024	
Scientific Lecture by Dr.Amna Khamis 21-November-2024	35
DDI Participated in an Awareness Campaign at Al-Rajaa Primary School for boys 21-November-2024	
DDI Participated in Public Authority for Food and Nutrition Awareness Campaign(PAFN) 21-November-2024	
DDI's Mobile Clinic Visits Al Jabriya Girls High School 25-November-2024	
DDI and KISR Sign MOU 26-November 2024	

Event Name	No. of Attendees
Cooking Class 26-November-2024	
PAAET- Nursing Students Training 26 to 28 November 2024	7
DDI's Mobile Clinic Visits Kuwait Flour Mills & Bakeries Company 27-November-2024	
DAFNE Refresher Lecture 27-November-2024	40
Qurtoba secondary high school for girls Visit DDI 28-November-2024	
Cooking Class 28-November-2024	12
DDI's Mobile Clinic Visits Buhaira Farm 29-November-2024	
<b>DECEMBER 2024</b>	
PAAET- Nursing Students Training 02 to 04 December 2024	7
Smart Course MOH Nurses 03, 04 & 05 December 2024 (Arabic)	25 each day
DDI's Mobile Clinic Visits Sharifa Al-Awadhi High School for Girls 04-December-2024	
Smart Course MOH Nurses 08, 09 & 10 December 2024 (English)	25 each day
Diabetic Retinopathy Workshop 08 & 09 December 2024	12+12
DAFNE Post-course 08-December-2024	6
KFAS INITIATIVE FOR BIOMARKERIDENTIFICATION FOROBSTRUCTIVE SLEEP APNEA (OSA) 09-December-2024	
Scientific Lecture by PROF. FOWZAN SAMI ALKURAYA 12-December-2024	
Nursing Quality Improvement Poster Presentations 12-December-2024	
Scientific Lecture by MR. JASON GLASER 15-December-2024	19
DDI's Mobile Clinic Visits Al Farwaniya Governorate 16-December-2024	

Event Name	No. of Attendees
DAFNE December Recruitment 18-December-2024	
Scientific Lecture by Ms. Maria Dejilla 19-December-2024	23
Kuwait Direct Investment Promotion Authority (KDIPA) Teams Visits DDI 19-December-2024	
DAFNE Refresher Lecture 25-December-2024	30
Nurses End of Year Celebration 29-December-2024	
DAFNE Refresher Lecture 29-December-2024	52