



جامعة قطر
QATAR UNIVERSITY

الصحة
HEALTH

برنامج التطوير المهني المستمر للعاملين في القطاع الصحي
Continuing Professional Development of Health Professionals



Diabetes CPD Series Part 6: Diabetes complication

(Activity Code: AGI-03-P78)

(Tues 6th April 6-8pm via WebEx)

Aim: To enhance understanding of the diagnosis, treatment and management of diabetes.

Target Audience: All healthcare practitioners

Learning objectives:

1. Examine the acute and chronic complications associated with diabetes
2. Describe the diagnosis and management of diabetic foot infections
3. Assess the economic and social cost related to diabetes and related complications

Speakers:

- **Professor Mirela Delibegovic.** Dean for Industrial Engagement in Research and Knowledge Transfer Director (Diabetes), Aberdeen Cardiovascular and Diabetes Centre Systems Physiology Programme Lead. University of Aberdeen (UK)
- **Ms Dina Abushanab,** Pharmacoeconomist and Drug Information Pharmacist in Hamad Medical Corporation (HMC)
- **Dr Susu Zughaier.** Associate Professor of Microbiology. College of Medicine, QU Health, Qatar University

Event Schedule	
Speaker	Topic and schedule
Prof Mirela Delibegovic 6:05-6:55pm	Acute and chronic complications associated with diabetes
Dr Susu Zughaier 6:55-7:15pm	Diabetic foot infections
Ms Dina Abushanab 7:15-7:40pm 7:40-8:00pm	The economic and social costs related to diabetes and related complications Case study and discussion

The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.

** This activity is an Accredited group learning activity (Category 1) as defined by Department of Healthcare Professions - Accreditation Section (DHP - AS) and is approved for a maximum number of 2 Hours.*

** CPD-HP (QU—Health) is accredited by Department of Healthcare Professions - Accreditation Section (DHP – AS) as a provider of continuing professional development.*



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Professor Mirela Delibegovic

Prof Mirela Delibegovic is currently the Dean for Industrial Engagement in Research and Knowledge Transfer at the University of Aberdeen and the Director (Diabetes) of the Aberdeen Cardiovascular and Diabetes Centre.

She obtained her BSc Honours Pharmacology degree from the University of Edinburgh, in 1999, and PhD in Biochemistry at the University of Dundee, MRC Protein Phosphorylation Unit (MRC PPU), under the supervision of Prof Patricia Cohen in 2003. She then moved to the States to

Harvard Medical School for her postdoctoral research and received the American Heart Association fellowship for her work on protein tyrosine phosphatases in obesity and diabetes. In 2007, she returned to UK on the RCUK tenure-track fellowship at the University of Aberdeen. Prof Delibegovic sits on several national funding committees, including Diabetes UK and the British Heart Foundation and is passionate about career development of staff and students, public engagement in research, academia/industry collaborations and knowledge transfer.

Prof Delibegovic's research for the past 20 years has focused on the causes and consequences of development of diabetes and the complications associated with diabetes. Her laboratory is particularly interested in co-morbidities such as atherosclerosis and cardiovascular disease, diabetic nephropathy, diabetic foot ulcers as well as non-alcoholic fatty liver disease and NASH. In more recent years, she has been investigating the molecular link between diabetes and Alzheimer's disease and how these can be affected by diets and ageing.



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Dr Susu M. Zughaier

Dr. Susu Zughaier Associate Professor of Microbiology and Immunology. Trained as a clinical microbiologist, earned a Diploma in Clinical Microbiology, University College London in 1991; MSc in Medical Microbiology in 1994 and PhD in Microbiology and Immunology from Cardiff University, UK in 1999. She did her postdoctoral training at Harvard Medical School in Boston, USA before joining Emory University in 2001. Dr. Zughaier was an Assistant Professor at the Department of



Dr. Susu Zughaier

Microbiology and Immunology, Emory University School of Medicine in Atlanta, USA before joining Qatar University College of Medicine in Fall 2017. Her research interests are focused on host-pathogen interactions and vaccine development. She investigates antibiotic resistance mechanisms and implements nanotechnology for rapid detection of bacterial infections. Her translational research is focused on vitamin D immune modulatory effects. To date, Dr. Zughaier published more than 55 scientific research papers and awarded two patents on her discoveries. Her H-index is 29 (Google Scholar) and listed among the top 2% of highly cited authors with impact in their field. She is an active member of the American society of Microbiology (ASM) and serves as the Scientific Microbiology Councilor for the International Endotoxin and Innate Immunity Society. Dr Zughaier also serves on Women, Diversity and Equity

Committee of the International Society of Leukocyte Biology. She is an expert in Meningococcal and Gonococcal nanovaccines and therefore served as consulted for Pfizer and the World Health Organization (WHO). In 2019 she joined Bacterial Vaccines Experts Network (BactiVac), University of Birmingham UK. She serves as Guest Editor, editorial board member and ad-hoc reviewer for multiple international journals.



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Ms Dina Abushanab

Dina Abushanab completed her BSc in Pharmacy from the College of Pharmacy (CPH) at Qatar University (QU) in 2015. In 2017, Ms. Dina successfully completed her Master studies and was the first QU graduate to be awarded an MSc degree in Pharmacoeconomics. During her postgraduate studies, Ms. Dina was employed as a Graduate Teaching Assistant as well as a Research Assistant in her college. During which, she was also performing the role of the President of the Pharmacy Postgraduate Society, the first

postgraduate society in QU. In 2017, Ms. Dina was also hired as a Pharmacoeconomist and Drug Information Pharmacist in Hamad Medical Corporation (HMC), where she supports pharmacy & therapeutic committee decisions, responds to drug information queries, supports clinical practice guidelines, pharmacy & drug supply services, non-formulary reviews, in service training, and contributes to and lead several research projects for guiding practices in HMC. Ms. Dina research interest includes health economics, epidemiology, type 2 diabetes, neonatal intensive care unit, cardiovascular disease, cancer, pharmacy interventions and stewardships program at HMC. Ms. Dina has successfully obtained competitive HMC and QU research grants. She received multiple awards in research events at national and international levels. She also presented at several national as well as international research events, in addition to leading continuing education workshops in hospitals. Ms. Dina is also the Secretary General/Treasurer of the Qatar Chapter of the International Society of Pharmacoeconomics and Outcomes Research, Qatar and a Supervisory Committee Member for two master students at CPH-QU with Dr. Daoud Al-Badriyeh, an Associate Professor of Pharmacoeconomics and Outcomes Research. She has also published multiple peer reviewed papers, presented several abstracts at national and international conferences, and served as a reviewer for a number of journals.