

DIABETES UPDATE 2021

WEDNESDAY, NOVEMBER 10, 2021

8:00 a.m. – 1:00 p.m.

Platform: **Chime Live**

Login Time: 8:00 a.m.

AGENDA

8:00 a.m. - 8:15 a.m.	Welcome & Introduction Dr. Stewart Harris , CM, MD, MPH, FCFP, FACPM
8:15 a.m. - 9:00 a.m.	100 Years of Insulin-Where we've Been and Where We're Going? Dr. Melanie Davies , CBE, MBChB, MD, FRCP, FRCGP, FMedSci > Review the events regarding the discovery of insulin and the progress made in terms of insulin formulations and how they have evolved over the last 100 years. > Explain the impact that Type 1 Diabetes had on people 100 years ago but also continuing challenges which face people living with diabetes now. > Discuss some of the global challenges related to availability of insulin for example in low- and middle-income countries.
9:00 a.m. - 9:45 a.m.	Diabetes & Dementia Dr. Tamara Spaic , MD, FRCPC, Cert. Endo > Discuss the link between diabetes and dementia. > Review risk factors for cognitive dysfunction in diabetes (role of glycemic control). > Review strategies and treatment options to reduce the risk of dementia in diabetes.
9:45 a.m. - 9:55 a.m.	Break
9:55 a.m. - 10:35 a.m.	Weight Loss and Obesity in Diabetes Dr. Julia Creider , MD, FRCPC, Cert Endo > Describe implications of weight on diabetes. > Review of lifestyle impact on weight and diabetes. > Review how to optimize glycemic medication for weight loss.
10:35 a.m. - 11:20 a.m.	100 Years of Hypoglycemia Alexandria Ratzki-Leewing , PhD(c), MSc & Dr. Stewart Harris , CM, MD, MPH, FCFP, FACPM > Review the history, definitions and methods of detection of hypoglycemia. > Describe the real-world epidemiology of hypoglycemia and patients' lived experience. > Identify strategies to reduce hypoglycemia.

PROGRAM OBJECTIVES

At the conclusion of this activity participants will be able to:

- 1) Describe the innovations and evaluation of diabetes management and hypoglycemia over the last 100 years;
- 2) Acquire a greater understanding of the impacts of COVID-19 and diabetes care;
- 3) Apply strategies in weight loss for patients with diabetes;
- 4) Describe the relationship between diabetes and dementia.

ACCREDITATION

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada and approved by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University. You may claim a maximum of 4.25 hours (credits are automatically calculated).

This one-credit-per-hour Group Learning program meets the certification criteria of the College of Family Physicians of Canada and has been certified by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University for up to 4.25 hours Mainpro+ credits.

Each participant should claim only those hours of credit that they've actually spent participating in the educational program.

25% of the time is for participant interaction and questions.

11:20 a.m. - 11:30 a.m.

Break

11:30 a.m. - 12:10 p.m.

Insulin-100: Legacy and the Importance of Place

Dr. Robert Hegele, MD, FRCPC & Grant Maltman, Curator, Banting House National Historic Site Canada

Objectives

- > To review the history of diabetes treatment before Banting.
- > Recognize London as the birthplace of the idea.
- > Evaluate the legacy of the discovery of insulin.

12:10 p.m. - 12:50 p.m.

COVID-19 & Diabetes

Dr. Daniel Drucker, MD

Objectives

- > Define the epidemiology of COVID-19 with emphasis of diabetes and obesity.
- > Discuss how COVID-19 might exacerbate Diabetes.
- > Identify optimal management strategies for diabetes in the COVID-19 pandemic.

12:50 p.m. - 1:00 p.m.

Summary & Adjournment

Dr. Tamara Spaic, MD, FRCPC, Cert. Endo.

COMMITTEE MEMBERS

Dr. Hertzler Gerstein, MD, MSc, FRCPC

Dr. Stewart Harris, CM, MD, MPH, FCFP, FACPM

Dr. Irene Hramiak, MD, FRCPC, FACP

Dr. Tamara Spaic, MD, FRCPC, Cert. Endo

Ms. Amanda Mikalachki, RN, CDE

GUEST FACULTY

Dr. Melanie Davies, CBE, MBChB MD, FRCP, FRCGP, FMedSci
Professor, Diabetes Medicine, University of Leicester and Honorary Consultant Diabetologist, University Hospitals of Leicester NHS Trust, Leicester, UK.

Dr. Daniel J. Drucker, MD

Senior Scientist, Lunenfeld Tanenbaum Research Institute, Mount Sinai Hospital, Toronto, ON, and Professor, Department of Medicine, University of Toronto.

Grant Maltman, Curator

Banting House National Historic Site of Canada, Diabetes Canada, London, ON.

COURSE FACULTY

Dr. Julia Creider, MD, FRCPC, Cert Endo
Endocrinologist, London, ON.

Dr. Stewart Harris, CM, MD, MPH, FCFP, FACPM

Professor, Departments of Family Medicine and Epidemiology & Biostatistics, Division of Endocrinology and Metabolism, Schulich School of Medicine & Dentistry, Western University, London, ON.

Dr. Robert Hegele, MD, FRCPC, FACP

Director, Blackburn Cardiovascular Genetics Laboratory, Robarts Research Institute, and Professor, Departments of Medicine and Biochemistry, Schulich School of Medicine & Dentistry, Western University, London ON.

Dr. Tamara Spaic, MD, FRCPC, Cert. Endo

Director, Diabetes Education Centre, St. Joseph's Health Care London and Assistant Professor, Division of Endocrinology and Metabolism, Schulich School of Medicine & Dentistry, Western University, London ON.

Alexandria Ratzki-Leewing, PhD(c), MSc

Lead Epidemiologist, Diabetes Alliance Hypoglycemia Research Program, Schulich School of Medicine & Dentistry, Western University, London, ON.

REGISTRATION

Register online at

<https://www.sjhc.london.on.ca/diabetes-update>

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1. Provide you with confirmation of registration for this program
2. Provide follow-up information to you about this course, as necessary
3. Inform you of future educational opportunities
4. Maintain class lists and attendance records so that you can obtain study credits/certificate of attendance where applicable.

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EDUCATIONAL SPONSORS

This program has received an educational grant from the following: Abbott, AstraZeneca, Boehringer-Ingelheim/Lilly Alliance, Dexcom, Janssen, Lilly, NovoNordisk and Sanofi.



ACCESSIBILITY

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