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**Manuscript Type:** ORIGINAL ARTICLE

### *Retrospective Study*

**Dyslipidemia and cardiovascular disease risk factors in patients with type 1 diabetes:**

**A single-center experience**

Sari Krepel Volsky, Shlomit Shalitin, Elena Fridman, Michal Yackobovitch-Gavan, Liora Lazar, Rachel Bello, Tal Oron, Ariel Tenenbaum, Liat de Vries, Yael Lebenthal

### **Abstract**

#### BACKGROUND

Type 1 diabetes (T1D) contributes to altered lipid profiles and increased cardiovascular disease (CVD) risk. Youth with T1D may have additional CVD risk factors within the first decade of diagnosis.

#### AIM

To examine risk factors for dyslipidemia in young subjects with T1D.

### Match Overview

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**Author:** Sari Krepel Volsky, Shlomit Shalitin, Michal Yackobovitch-Gavan, Liora Lazar, Rachel Bello, Tal Oron...

**Publish Year:** 2019

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What is diabetic dyslipidemia? ▾

Can people with Type 2 diabetes have insulin? ▾

What are the risk factors for type 2 diabetes? ▾

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## Risk Factors for Cardiovascular Disease in Type 1 Diabetes

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4839209>

Introduction. **Type 1 diabetes** (T1DM) **confers** a high risk for **cardiovascular disease** (CVD) compared with the age-matched population without **diabetes** (1–3) that historically has also accounted for most of the premature deaths in T1DM and is associated with the development of nephropathy (4–6). The **Diabetes** Control and Complications Trial (DCCT) previously demonstrated that a mean 6.5 years of ...

## Factors Associated with Dyslipidemia in Patients with Type ...

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Background: **Type 1 diabetes** (T1D) contributes to altered lipid profiles and increased **cardiovascular disease** (CVD) risk. Youth with T1D may have subclinical CVD within the first decade of diagnosis.

Objective: To assess **risk factors** associated with **dyslipidemia** in young subjects with T1D. Study Design and Methods: A longitudinal and cross-sectional retrospective cohort study was conducted ...

Author: Sari Krepel Volsky, Shlomit Shalitin, Mic... Publish Year: 2019

## Risk Factors for Cardiovascular Disease in Type 1 Diabetes

<https://diabetes.diabetesjournals.org/content/65/5/1370> ▾

**Risk factors** for **cardiovascular disease** (CVD) are well-established in **type 2** but not **type 1 diabetes** (T1DM). We assessed **risk factors** in the long-term (mean 27 years) follow-up of the **Diabetes** Control and Complications Trial (DCCT) cohort with T1DM. Cox proportional hazards multivariate models assessed the association of traditional and novel **risk factors**, including HbA1c, with major ...

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Are people with diabetes at increased risk for CVD? ▾

Is T1DM a cardiovascular disease? ▾

Is hypertension a risk factor for cardiovascular disease? ▾

Does hypertension affect insulin resistance? ▾

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Oct 01, 2014 · Despite the known higher risk of **cardiovascular disease** (CVD) in individuals with **type 1 diabetes** mellitus (T1DM), the pathophysiology underlying the relationship between **cardiovascular** events, CVD **risk factors**, and T1DM is not well understood. Management approaches to CVD reduction



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Is T1DM a cardiovascular disease? ▾

What is diabetic dyslipidemia? ▾

Is hypertension a risk factor for cardiovascular disease? ▾