

Graz Diabetes Registry for Biomarker Research (GIRO)

Design, Study Procedures and Eligibility

This is a registry study in which patients at the Outpatient Clinic for Diabetes, Lipids and Metabolic Diseases are contacted once a year and asked about their health status, comorbidities and current medication, unless they have a follow up visit at the outpatient clinic for a routine check-up anyway.

In addition to the study-specific informed consent, signing the biobank informed consent for the collection, storage and further use of scientific sample material by the biobank is a prerequisite for participation in this cohort study. The overall aim of this project is to have a biomarker repository together with comprehensive clinical data for biomarker research in the field of diabetes and lipid disorders. The follow-up visits are planned to continue for 10 years.

The study population consists of patients with the following patient groups:

- Diabetes mellitus type 1
- Diabetes mellitus type 2
- Rare types of diabetes:
Maturity onset diabetes of the young (MODY), Diabetes mellitus Typ 3c, etc.
- Obese people undergoing bariatric surgery
- Lipid metabolism disorder

Dataset / Parameters

A routine laboratory including blood cell count, liver, renal function, lipid parameters and HbA1c is performed in each participant.

Samples / Material

The project started in 2016. The Biobank specimen comprises Plasma, Serum and Urine stored at -80°C. (=> See table in section 4.: Material available)

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