

1. General Information

Cohort ID	5001_17
Title (Study Name)	PoCOsteo
Principal investigator	Prof. Hans Peter Dimai
Contact information	pm-biobank@medunigraz.at
Funding agency	EU project: Horizon2020

2. Description

<p>Blood samples are collected, an extensive clinical history is taken and bone mineral density is measured at study entry and after 12 months (and optionally after 24 months), in a cohort of patients referred to the osteoporosis clinic of the Division of Endocrinology and Diabetology (Department of Internal Medicine). Thus, a wide range of samples will be available, literally from women and men who are healthy per definition, to patients who suffer from multiple diseases associated with osteoporosis and/or osteoporotic fractures. Accordingly, samples may originate from women and men who do not receive any pharmaceutical treatment as well as from patients who are treated with several medications, including those registered for treatment of osteoporosis.</p>

3. Details

ICD 10/O codes / Healthy	M80, M81, M82, Healthy	
Key words	Osteoporosis, osteoporotic fracture, metabolic bone disease	
Collection / Cohort size 12/2023	20.841 aliquots from 965 patients	
Informed Consent (IC)	<input checked="" type="checkbox"/> Broad Biobank IC	
	<input checked="" type="checkbox"/> Specific Study IC	
Status	<input type="checkbox"/> In progress / compl. date:	
	<input checked="" type="checkbox"/> Completed	
Inclusion criteria	Age distribution	50+
	Sex distribution (f:m)	~ 80:20
	Others	postmenopausal
Earliest access	As of now	
Quality-standards	<input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	
Associated publications / references	https://pocosteo.mijnweblayout.be/	

4. Material available (aliquot size) and storage conditions

Material	<input checked="" type="checkbox"/> Serum (235 µl)	<input checked="" type="checkbox"/> -80°C
	<input checked="" type="checkbox"/> EDTA plasma (580 µl)	<input checked="" type="checkbox"/> -80°C
	<input checked="" type="checkbox"/> EDTA Buffy coat (300 µl)	<input checked="" type="checkbox"/> -80°C

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