

 Medical University of Graz Biobank	O-FIS Qualitätsmanagementsystem Formblatt Collection and Cohort Profile	CL312 Seite 1 von 2
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1. General Information

Cohort ID	6006_13
Title (Study Name)	Radiotherapy Collection
Principal investigator	Assoc. Prof. Tanja Langsenlehner
Contact information	pm-biobank@medunigraz.at
Funding agency	-----

2. Description

The sample collection of the Department of Therapeutic Radiology and Oncology consists of plasma and cells from male and female cancer patients (primarily prostate, breast, lung and rectal cancer) aged ≥ 18 years obtained prior to the start of radiotherapy.

3. Details

ICD 10/O codes / Healthy	C06, C07, C08, C09, C10, C11, C12, C13, C14, C20, C34, C41, C44, C50, C53, C61, C67, C71, C77, C79, T15, T16, T17, T18, T19	
Key words	biomarker, cancer, radiotherapy	
Collection / Cohort size 12/2019	13 887 aliquots – 1165 patients	
Informed Consent (IC)	<input checked="" type="checkbox"/> Broad Biobank IC	
	<input type="checkbox"/> Specific Study IC	
Status	<input checked="" type="checkbox"/> In progress / compl. date: open	
	<input type="checkbox"/> Completed	
Inclusion criteria	Age distribution	18+
	Sex distribution (f:m)	50:50
	Others	-----
Earliest access	As of now	
Quality-standards	<input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	
Associated publications / references	-----	

4. Material available (aliquot size) and storage conditions

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

Erstellt am 14.08.2020

5. Additional information

→ Among the 1120 subjects, 92% of them have these following most common diagnoses

Most frequent diagnoses		
ICD 10	Diagnosis	Number of patients
C61	Malignant neoplasm of prostate	447
C50	Malignant neoplasm of breast	159
T18	Foreign body in alimentary tract	78
C34	Malignant neoplasm of bronchus and lung	73
T17	Foreign body in respiratory tract	57
C20	Malignant neoplasm of rectum	35
T15	Foreign body on external eye	24
C67	Malignant neoplasm of bladder	20
C71	Malignant neoplasm of brain	19
C53	Malignant neoplasm of cervix uteri	18
T19	Foreign body in genitourinary tract	18
C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites	17
C77	Secondary and unspecified malignant neoplasm of lymph nodes	17
T16	Foreign body in ear	17
C44	Other and unspecified malignant neoplasm of skin	14
C79	Secondary malignant neoplasm of other and unspecified sites	12
		Total: 1025