

## 1. General Information

<b>Cohort ID</b>	6006_13
<b>Title (Study Name)</b>	Radiotherapy Collection
<b>Principal investigator</b>	Assoc. Prof. <sup>in</sup> Tanja Langsenlehner
<b>Contact information</b>	<a href="mailto:pm-biobank@medunigraz.at">pm-biobank@medunigraz.at</a>
<b>Funding agency</b>	-----

## 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 $\geq 18$ years obtained prior to the start of radiotherapy.
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## 3. Details

<b>ICD 10/O codes / Healthy</b>	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	
<b>Key words</b>	biomarker, cancer, radiotherapy	
<b>Collection / Cohort size</b> 11/2021	20.414 aliquots from 1.487 patients	
<b>Informed Consent (IC)</b>	<input checked="" type="checkbox"/> Broad Biobank IC	
	<input type="checkbox"/> Specific Study IC	
<b>Status</b>	<input checked="" type="checkbox"/> In progress / compl. date: open	
	<input type="checkbox"/> Completed	
<b>Inclusion criteria</b>	<b>Age distribution</b>	18+
	<b>Sex distribution (f:m)</b>	50:50
	<b>Others</b>	-----
<b>Earliest access</b>	As of now	
<b>Quality-standards</b>	<input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	
<b>Associated publications / references</b>	-----	

## 4. Material available (aliquot size) and storage conditions

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

## 5. Additional information

➔ Among the 1.487 subjects, 1025 of them have these following most common diagnoses

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

<b>Dokument erstellt</b> (tt/mm/yyyy): 23/04/2021	<b>Letzte inhaltliche Aktualisierung</b> (tt/mm/yyyy): 18/02/2022
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