

1. General Information

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| Cohort ID | 6003_10 |
| Title (Study Name) | Orthopaedics Collection |
| Principal investigator | Prof. Andreas Leithner |
| Contact information | pm-biobank@medunigraz.at |
| Funding agency | ----- |

2. Description

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| <p>This collection includes samples of serum, plasma, buffy coat, frozen tissue and their corresponding data. Started in the year 2010 the collection is still ongoing. The diagnoses are various orthopaedic diseases especially arthropathies, malignant and benign neoplasm. For 5.475 patients the ICD10 codes are depicted in section 5. below.</p> |
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3. Details

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| ICD 10/O codes / Healthy | C00-C97 ; D10-D36 ; D37-D48 ; G50-G59 ; M00-M25 ; M40-M54 ; M60-M79 ; M80-M94 ; T80-T88 | |
| Key words | Arthrosis – coxarthrosis – gonarthrosis - bone sarcoma - bone tumour - soft tissue tumour - soft tissue sarcoma | |
| Collection / Cohort size 11/2021 | 65.495 aliquots from 6.382 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 - 100 |
| | Sex distribution (f:m) | --- |
| | Others | --- |
| Earliest access | As of now | |
| Quality-standards | <input checked="" type="checkbox"/> ISO 9001:2015 (SOPs) | |
| Associated publications / references | <p>EGFR inhibitors identified as a potential treatment for chordoma in a focused compound screen. Scheipl S, Barnard M, Cottone L, Jorgensen M, Drewry DH, Zuercher WJ, Turlais F, Ye H, Leite AP, Smith JA, Leithner A, Möller P, Bröderlein S, Guppy N, Amary F, Tirabosco R, Strauss SJ, Pillay N, Flanagan AM. https://pubmed.ncbi.nlm.nih.gov/27102572/</p> | |

4. Material available (aliquot size) and storage conditions

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| Material | <input checked="" type="checkbox"/> Serum (235 µl, 400 µl) | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> EDTA plasma (580 µl) | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> EDTA Buffy coat (300 µl) | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> Whole blood (580 µl) | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> Snap frozen tissue | <input type="checkbox"/> -80°C | <input checked="" type="checkbox"/> liq. N ₂ |

5. Additional information

| Distribution of diagnoses | | |
|---------------------------|--|--------------------|
| ICD 10 | Diagnosis | Number of cases |
| C00-C97 | Malignant neoplasm | 217 |
| D10-D36 | Benign neoplasm | 359 |
| D37-D48 | Neoplasm of uncertain behavior | 705 |
| G50-G59 | Disorder of nerves, nerve root and plexus | 13 |
| M00-M25 | Arthropathy | 3125 |
| M40-M54 | Disorders affecting the back and spine (dorsopathies) | 291 |
| M60-M79 | Soft tissue disorders | 51 |
| M80-M94 | Osteopathies and chondropathies | 288 |
| T80-T88 | Complications of surgical operations and medical treatment, not elsewhere classified | 426 |
| | | Total: 5475 |

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| Dokument erstellt (tt/mm/yyyy): 23.04.2021 | Letzte inhaltliche Aktualisierung (tt/mm/yyyy): 07.06.2022 |
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