

1. General Information

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|-------------------------------|--|
| Cohort ID | 5019_24 |
| Title (Study Name) | UrologicCA |
| Principal investigator | Prof. Sascha Ahyai |
| Contact information | pm-biobank@medunigraz.at |
| Funding agency | N/A |

2. Description

Within the framework of a prospective longitudinal observational study aiming to establish a clinical database for patients with urothelial carcinoma, biological samples are collected in addition to the systematic acquisition of clinical data. Blood and urine samples are obtained at predefined time points along the entire patient journey, reflecting different disease stages and treatment phases. All samples are processed and stored according to standardized procedures to enable subsequent molecular, biochemical, and translational analyses. The objective of this sample collection is to identify disease-associated biomarkers and to assess their longitudinal changes in relation to clinical outcomes and treatment response. **(max. 100 words)**

3. Details

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|--|--|----------------------|--|
| ICD 10/O codes / Healthy | C67 | | |
| Key words | urothelial carcinoma, liquid biopsy, fresh frozen tissue | | |
| Collection / Cohort size 12/2025 (mm/yyyy) | 1530 liquid sample aliquots | | |
| Informed Consent (IC) | <input checked="" type="checkbox"/> Broad Biobank IC | | |
| | <input checked="" type="checkbox"/> Specific Study IC | | |
| Status | <input checked="" type="checkbox"/> In progress / compl. date: ~2030 (mm/yyyy) | | |
| | <input type="checkbox"/> Completed | | |
| Inclusion criteria | Age distribution | 72,11 (30-95; n=142) | |
| | Sex distribution (f:m) | 33/109 (23% : 77%) | |
| | Others | | |
| Earliest access | 04/2025 (mm/yyyy) | | |
| Quality-standards | <input checked="" type="checkbox"/> ISO 9001:2015 (SOPs) | | |
| Associated publications / references | NA | | |

4. Material available (aliquot size) and storage conditions

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|-----------------|--|--|---|---|
| Material | <input checked="" type="checkbox"/> Serum (µl) | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> EDTA plasma (µl) | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> EDTA Buffy coat (µl) | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> Urine (µl) | | <input checked="" type="checkbox"/> -80°C | |
| | <input checked="" type="checkbox"/> Snap frozen tissue | | <input type="checkbox"/> -80°C | <input checked="" type="checkbox"/> liq. N ₂ |

Dokument erstellt (tt/mm/yyyy):
10/12/2025

Letzte inhaltliche Aktualisierung (tt/mm/yyyy):
23.12.2025