

## 1. General Information

<b>Cohort ID</b>	5002_09
<b>Title (Study Name)</b>	Thorax IL-6 Sepsis Marker Cohort
<b>Principal investigator</b>	Prof.in Freyja-Maria Smolle-Jüttner
<b>Contact information</b>	<a href="mailto:pm-biobank@medunigraz.at">pm-biobank@medunigraz.at</a>
<b>Funding agency</b>	-----

## 2. Description

<p>This prospective, clinical, single-center study aimed to evaluate the feasibility of interleukin 6 as a predictive biomarker in the early diagnosis of postoperative systemic inflammatory response syndrome after a major thoracic surgery. The enrolled subjects underwent either lung resection or esophageal operation.</p>
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## 3. Details

<b>ICD 10/O codes / Healthy</b>	R65.0, R65.1, R65.2, R65.3, R65.9	
<b>Key words</b>	IL-6, biomarker, SIRS, sepsis	
<b>Collection / Cohort size</b> 11/2020	4.576 aliquots from 68 patients	
<b>Informed Consent (IC)</b>	<input checked="" type="checkbox"/> Broad Biobank IC	
	<input type="checkbox"/> Specific Study IC	
<b>Status</b>	<input type="checkbox"/> In progress / compl. date:	
	<input checked="" type="checkbox"/> Completed	
<b>Inclusion criteria</b>	<b>Age distribution</b>	18+
	<b>Sex distribution (f:m)</b>	20:80
	<b>Others</b>	major thoracic surgery
<b>Earliest access</b>	As of now	
<b>Quality-standards</b>	<input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	
<b>Associated publications / references</b>	<p>Clinical impact of interleukin 6 as a predictive biomarker in the early diagnosis of postoperative systemic inflammatory response syndrome after major thoracic surgery: A prospective clinical trial. Fink-Neuboeck N, Lindenmann J, Bajric S, Maier A, Riedl R, Weinberg AM, Smolle-Juettner FM. <a href="https://pubmed.ncbi.nlm.nih.gov/27206334/">https://pubmed.ncbi.nlm.nih.gov/27206334/</a></p>	

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

<b>Material</b>	<input checked="" type="checkbox"/> Whole blood (1000 µl)	<input checked="" type="checkbox"/> -80°C
	<input checked="" type="checkbox"/> Li-Hep plasma (250 µl)	<input checked="" type="checkbox"/> -80°C

<b>Dokument erstellt</b> (tt/mm/yyyy): 18.06.2021	<b>Letzte inhaltliche Aktualisierung</b> (tt/mm/yyyy): 01.08.2023
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