

## Appendix 1

### Appendix 1 – Search string and details of the searches, including number of studies

<b>Search string</b>	(Prehabilitation* OR optimi* OR intervention* OR nutrition* (OR “Nutritional optimization”) OR exercise* OR physical activity* OR psychology OR psychological OR smoking) AND (major surgery OR colon resection) AND (Colon OR rectum OR colorect*) AND (Cancer OR Neoplasm) AND (“Quality of life” OR quality OR patient-reported outcome OR PRO OR PROM)  <i>MESH-terms, index terms or similar specialized search methods were applied and modified for each database.</i>	
	<b>Primary search</b> (28.08.2023)	<b>Secondary search</b> (17.10.2024)
<b>PubMed</b> - total number of records found	175	10
<b>PubPsych</b> - total number of records found	8	2
<b>CINAHL</b> - total number of records found	20	1
<b>EMBASE</b> - total number of records found	283	23
<b>Web of Science</b> - total number of records found	135	17
<b>EBSCOhost</b> – total number of records found	12	0
<b>Total (after duplicates)</b>	633	53