

## Supplementary material S3

### Study screening and selection template

**Review title:** The impact of a cancer diagnosis on the income of adult cancer survivors – a scoping review protocol

#### 1. Research question

The aim of this scoping review is to summarize the existing evidence on the effect of a cancer diagnosis on the income of adult cancer survivors.

Our scoping review will be guided by the following specific research questions (Table 1):

<b>Table 1 Research questions</b>	
1. How are income outcomes defined and measured in the current literature?	<ul style="list-style-type: none"> <li>▶ Types of data used</li> <li>▶ Outcome definition</li> <li>▶ Inclusion/exclusion criteria</li> </ul>
2. What is the current evidence on the effect of a cancer diagnosis on the income of adults with cancer?	<ul style="list-style-type: none"> <li>▶ Number and types of studies</li> <li>▶ Geographic representation</li> <li>▶ Magnitude, direction, and effect size</li> <li>▶ Study population and subgroups</li> <li>▶ Study type</li> </ul>
3. How does the direction and magnitude of this effect differ by relevant variables?	<ul style="list-style-type: none"> <li>▶ Cancer type</li> <li>▶ Age group</li> <li>▶ Sex and/or gender</li> <li>▶ Country of residence</li> <li>▶ Marital status</li> <li>▶ Time from diagnosis (follow-up time)</li> </ul>
4. Where are the gaps in the current literature and what are the priority areas for future research?	

Search time horizon: January 1<sup>st</sup>, 2000- December 31<sup>st</sup>, 2020

**STEP 1: Initial screening questions – inclusion/exclusion criteria**

Based questions below and the inclusion/exclusion criteria (Table 2), we will group articles into the following:

1. **Relevant**, include for full article revision (if the answer is “Yes” to questions 1 and 2, and “No” to question 3)
2. **Not relevant**, exclude (if the answer is “No” to 1 or 2 )
3. **Maybe relevant**, needs further assessment through full article revision (if the answer is “unable to determine” to questions 1-4, or “Yes” to 3)

1. Does the article deal with individuals diagnosed with **cancer**?

- Yes  
 No  
 Unable to determine

**Individuals diagnosed with cancer** refers to cancer patients or cancer survivors of various follow-up times. It does not refer to articles exclusively focused on parents, spouses, or caretakers of cancer patients/survivors. **Cancer** does not refer to clinical findings or endpoints from testing biological agents, markers, or devices.

2. Does the article deal with the **income/financial outcomes of a cancer diagnosis**?

- Yes  
 No  
 Unable to determine

**Income/financial outcomes** refer to any of the following or similar outcomes: income (individual or household), salary, wage, earnings, disability income, government assistance, government transfer payments, wealth, assets, savings, etc. Income/financial outcomes do not refer to economic evaluations or the cost-effectiveness of selecting one treatment option over another. Financial outcomes do not refer to studies exclusively focused on employment status.

3. Is the article focused on household income or financial outcomes of children diagnosed with cancer **exclusively**?

- Yes  
 No  
 Unable to determine

Children with cancer refers to individuals diagnosed with cancer before 18 years old.

Table 2: Inclusion and exclusion criteria

	Inclusion	Exclusion
<b>Population</b>	<ul style="list-style-type: none"> <li>▶ Individuals diagnosed with cancer during adulthood (18 years or older) regardless of sex/gender, tumor type, cancer treatment, or follow-up time.</li> <li>▶ Studies on AYAs, or a broader age group, with analyses stratified by age, including a distinct stratification for individuals 18 years and older will be included; however, only results from individuals diagnosed with cancer 18 years or older will be reported.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Studies exclusively focused on individuals diagnosed with cancer during childhood (less than 18 years), or on parents, spouses, or caregivers of cancer survivors will be excluded.</li> <li>▶ Studies focused on AYAs, without age stratification for those 18 years and older will be excluded.</li> </ul>
<b>Concept</b>	<ul style="list-style-type: none"> <li>▶ Studies that aim to measure the effect of a cancer diagnosis on the income<sup>i</sup> of adult cancer survivors.</li> <li>▶ <b>Income outcomes will</b> refer to any source of income including any of the following or similar outcomes: employment income (individual or household), salary, earnings, unemployment income, disability income or disability pension, government assistance, debt, bankruptcy, income from physical (resource) wealth (such as assets, properties, vehicles, etc.), and financial wealth (such as shares, government bonds, bank accounts, and savings).</li> </ul>	<ul style="list-style-type: none"> <li>▶ Studies exclusively focused on occupational outcomes such as employment status, productivity loss (if measured in work hours or days), return-to-work or unmet financial needs will be excluded.</li> <li>▶ Studies exclusively focused on FT, financial burden or distress measured through cost of care, health expenditures, or out-of-pocket costs, without measuring income patterns will be excluded.</li> <li>▶ Economic evaluations or the cost-effectiveness of selecting one treatment option over another will be excluded.</li> </ul>
<b>Context</b>	<ul style="list-style-type: none"> <li>▶ Studies from any country and/or healthcare system</li> <li>▶ Studies published between January 1<sup>st</sup>, 2000 and December 31<sup>st</sup>, 2020, inclusive.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Due to resource and time constraints, only studies published in English will be included.</li> </ul>
<b>Types of studies</b>	<ul style="list-style-type: none"> <li>▶ Primary quantitative and qualitative research studies (such as quasi-experimental, before and after studies, prospective and retrospective cohort studies, case-control studies, and analytical cross-sectional studies).</li> <li>▶ Systematic reviews, and/or scoping reviews will be used to identify relevant primary literature through reference lists.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Conference proceedings, commentaries, theoretical, conceptual or normative discussions, and any non-peer reviewed literature will be excluded.</li> </ul>

<sup>i</sup>Income outcomes will refer to outcomes measuring “the flow deriving from a stock of wealth”, where wealth includes physical wealth, financial wealth, and human capital - resulting from past investments in education and training or natural talent.