

Supplementary material.

Insomnia symptoms and daytime fatigue co-occurrence in adolescent and young adult childhood cancer patients in follow-up after treatment: prevalence and associated risk factors

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Table S1. Overview of self-reported co-morbid health conditions ($n = 101$)*.

Type of condition	Number of cases
Psychological	20
Neurological	15
Respiratory	11
Behavior and developmental	8
Gastro-intestinal	8
Endocrinological	8
Allergies	5
Orthopedic	5
Nephrological	4
Auto-immune disorders	4
Congenital and genetic abnormalities	3
Cardiovascular	2
Other	14

*Note. Some patients reported multiple types of conditions, the total number of cases does therefore not count up to the total $n = 101$.

Table S2. Univariate analyses of determinants of insomnia–fatigue subgroups within multinomial regression analyses (OR and 95% CI).

Reference: No symptoms (<i>n</i> = 349)	Insomnia and Fatigue (<i>n</i> = 104)	Insomnia-only (<i>n</i> = 75)	Fatigue-only (<i>n</i> = 37)
Female	2.98 (1.23–3.37)***	2.03 (1.23–3.37)**	6.26 (2.67–14.68)***
Young adults (ref: adolescents)	2.43 (1.55–3.80)***	0.77 (.46–1.32)	3.04 (1.49–6.17)**
High educational level (ref: low/middle)	0.93 (.52–1.65)	0.52 (.24–1.13)	2.17 (1.03–4.56)*
Living with parents	0.74 (.36–1.49)	1.13 (.45–2.81)	0.49 (.19–1.27)
Having a comorbid health condition	3.74 (2.20–6.37)***	2.46 (1.30–4.66)**	3.91 (1.81–8.43)**
Age at diagnosis in years	1.12 (1.03–1.20)**	1.05 (.97–1.14)	1.18 (1.03–1.34)*
Cancer diagnosis: Hemato Solid (ref: CNS)	0.90 (.53–1.54) 0.68 (.38–1.22)	2.14 (1.01–4.51)* 2.11 (.97–4.58)	1.15 (.47–2.81) 1.23 (.49–3.09)
Type of oncologic treatment ¹ : Surgery only Chemotherapy with or without surgery (ref: Radiation and/or SCT)	1.17 (.63–2.15) 0.99 (.60–1.64)	1.09 (.53–2.24) 1.10 (.62–1.95)	0.77 (.28–2.13) 0.95 (.45–2.01)
Time since end of treatment (in years)	1.00 (.90–1.10)	0.86 (.76–.98)*	0.98 (.83–1.14)
Sleeping together	3.34 (1.64–6.82)**	1.31 (.47–3.66)	1.67 (.47–5.97)
Needing someone else to fall asleep	2.31 (1.64–3.27)***	1.74 (1.15–2.62)**	0.82 (.27–2.47)
Bedtime routine	1.25 (1.06–1.47)**	1.05 (.88–1.25)	1.14 (.90–1.46)
Trying to fall asleep every night at the same time	1.35 (1.11–1.64)**	1.14 (.92–1.41)	1.17 (.87–1.56)
Waking up every morning at the same time	0.71 (.58–.86)***	0.82 (.66–1.03)	0.77 (.57–1.04)
Bedtime technology: TV Gaming Phone/computer	1.06 (.88–1.27) 0.96 (.81–1.15) 1.20 (1.00–1.44)*	1.05 (.85–1.30) 1.08 (.89–1.30) 0.97 (.81–1.17)	0.92 (.70–1.21) 0.72 (.52–.99)* 1.45 (1.05–2.00)*

Note. if significant asterisks were added * <.05, **<.01 ***<.001.

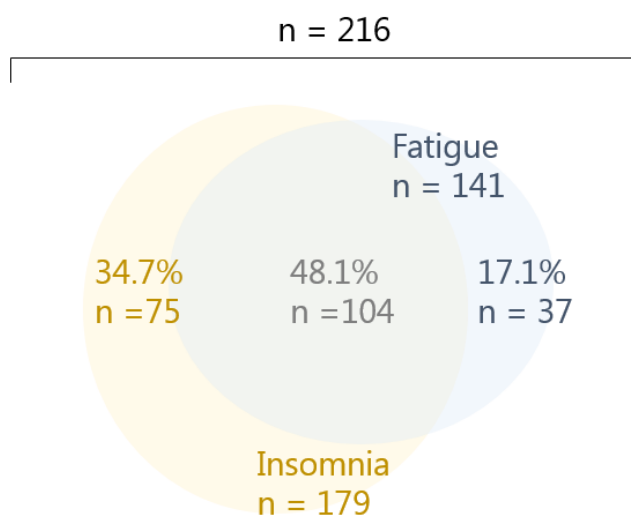


Figure S1. Overlap between insomnia and fatigue in the total group of patients with either insomnia and/or fatigue symptoms ($n = 216$).