

**Table S1: Overview of psychological intervention types [54]**

	Number of papers with psychological intervention / Total papers	Education				Cognitive-behavioral					Relaxation					Supportive Counseling				
		Education	Psychoeducation	Information provision	Stress management training	CBT (not specified)	Modified sleep restriction	Stress management (CBT orientation)	Problem-solving	Coping skills	Anxiety reduction	Guided imagery	Relaxation training	Progressive muscle relaxation	Breathing techniques	Meditation	Psychotherapy	Health professional discussion	Counseling (not specified)	Supportive expressive therapy
Boereboom et al. (2016)	2/8																			
Bolshinsky et al. (2018)	2/20																			
Bruns et al. (2016)	2/6																			
Chen et al. (2018)	8/8					✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	
Chou et al. (2018)	4/12		✓		✓					✓	✓	✓								
Daniels et al. (2020)	6/52		✓	✓						✓	✓	✓				✓				
Fitzgerald et al. (2016)	21/21			✓														✓		
Garcia et al. (2016)	2/14	✓										✓								
Hijazi et al. (2017)	2/9																			
Pouwels et al. (2015)	2/11													✓						
Rosero et al. (2019)	2/10		✓		✓															
Schneider et al. (2020)	5/15		✓													✓				
Steffens et al. (2018)	2/17													✓						
Treanor et al. (2018)	6/18		✓		✓							✓				✓				✓
Tsimopoulou et al. (2015)	7/7	✓	✓		✓				✓	✓	✓				✓	✓	✓			✓
Vermillion et al. (2018)	2/9																			

**Education:** information or education about cancer, treatment, and/or physical side effects; **Psycho-education:** information or education about emotional impact of cancer and stress management, excludes cognitive-behavioral approaches. **Cognitive-behavioural:** working with cognitions, challenging negative thoughts, refocusing thoughts onto positive; goal-setting and problem-solving or behavioral maintenance. **Supportive counseling:** counseling or therapy offered as part of the intervention, excludes cognitive-behavioral approaches; **Health professional discussion:** discussion with a health professional (excludes counseling/psychotherapy, routine/standard care). *Abbreviations:* CBT, cognitive behavioral therapy