

Supplementary Material 1. Search data**PubMed**

("cognitive behavioral therapy"[MeSH Terms] OR ("cognitive"[All Fields] AND "behavioral"[All Fields] AND "therapy"[All Fields]) OR "cognitive behavioral therapy"[All Fields] OR ("cognitive"[All Fields] AND "behavioural"[All Fields] AND "therapy"[All Fields]) OR "cognitive behavioural therapy"[All Fields]) AND ("smoking cessation"[MeSH Terms] OR ("smoking"[All Fields] AND "cessation"[All Fields]) OR "smoking cessation"[All Fields]) AND ("randomized controlled trial"[All Fields] OR "randomized controlled trials as topic"[MeSH Terms] OR "randomized controlled trial"[All Fields] OR "randomised controlled trial"[All Fields]) AND ("substance-related disorders"[MeSH Terms] OR ("substance-related"[All Fields] AND "disorders"[All Fields]) OR "substance-related disorders"[All Fields] OR ("substance"[All Fields] AND "disorder"[All Fields]) OR "substance use disorder"[All Fields])

Scopus

KEY (Cognitive behavior therapy AND smoking AND abstinence AND Randomized control trial OR RCT OR Clinical trial)

Cochrane Clinical registry

"Cognitive behavior therapy" in Title Abstract Keyword AND "smoking cessation treatment" in Title Abstract Keyword AND "randomized control trials" in Title Abstract Keyword (Word variations have been searched)

Embase

('cognitive behavioral therapy/exp OR 'cognitive behavioral therapy' OR (cognitive AND behavioral AND ('therapy'/exp OR therapy))) AND ('smoking cessation'/exp OR 'smoking cessation' OR (('smoking'/exp OR smoking) AND ('cessation'/exp OR cessation))) AND ('randomized controlled trial'/exp OR 'randomized controlled trial' OR (randomized AND controlled AND ('trial'/exp OR trial)))

PsycINFO:

- "Tobacco Use Disorder" AND "Psychotherapy" AND "Meta-analysis"
- "Nicotine Dependence" AND "Cognitive Therapy" AND "Systematic Review"