

Online table 1. Search strategies to identify interventional studies evaluating laughter interventions on cortisol levels

Database/register	Controlled descriptors	Synonyms and/or keywords	Complete search strategy
<i>MEDLINE/PubMed</i>	"Laughter"[Mesh] OR "Laughter therapy"[Mesh]	Humor therapy [Text Word]	("Laughter"[Mesh] OR "Laughter therapy"[Mesh]) OR ("Laughter"[Text word] OR "Laughter therapy"[Text word]) OR (Humor therapy [Text Word])
EMBASE	exp laughter therapy/ or laughter.mp. or exp laughter/	Humor therapy.mp.	exp laughter therapy/ or laughter.mp. or exp laughter/ OR humor therapy.mp.
<i>PsycINFO</i> Scopus	Laughter Laughter OR laughter therapy	Humor Humor therapy	Laughter OR (humor) AND cortisol (TITLE-ABS-KEY (laughter) OR TITLE-ABS-KEY (laughter AND therapy) OR TITLE-ABS-KEY (humor AND therapy) AND TITLE-ABS-KEY (cortisol))
Clinicaltrials.gov	Laughter	Humor	Laughter (or laughing) or humor in interventional studies