

Supplementary Table S1. Detailed search strategy used in the systematic review.

Database	Search query	Filters applied
PubMed	("tourette syndrome") AND ("refractory to drugs" OR "refractory to medications" OR "refractory to treatment" OR "treatment resistant" OR "drug resistant" OR "medication resistant") AND ("alternative treatment" OR "alternative therapy" OR "therapy" OR "treatment") NOT ("deep brain stimulation")	Publication date: from 2010 onward
Embase	('tourette syndrome') AND ('refractory to drugs' OR 'refractory to medications' OR 'refractory to treatment' OR 'treatment resistant' OR 'drug resistant' OR 'medication resistant') AND ('alternative treatment' OR 'alternative therapy' OR 'therapy' OR 'treatment') NOT ('deep brain stimulation')	Publication date: from 2010 onward
Scopus	(TITLE-ABS- KEY("tourette syndrome")) AND (TITLE-ABS-KEY("refractory to drugs" OR "refractory to medications" OR "refractory to treatment" OR "treatment resistant" OR "drug resistant" OR "medication resistant")) AND (TITLE-ABS-KEY("alternative treatment" OR "alternative therapy" OR "therapy" OR "treatment")) AND NOT (TITLE-ABS-KEY("deep brain stimulation"))	Publication date: from 2010 onward