Supplementary table 1

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| --- | --- | --- |
| Search engine | Search query | Date of search  |
| Pubmed/Medline for depression\* | (("transcranial direct current stimulation"[MeSH Terms] OR ("transcranial"[All Fields] AND "direct"[All Fields] AND "current"[All Fields] AND "stimulation"[All Fields]) OR "transcranial direct current stimulation"[All Fields] OR "tdcs"[All Fields]) OR "transcranial direct current stimulation"[All Fields] OR TMS[All Fields] OR "transcranial magnetic stimulation"[All Fields]) AND ("depressive disorder"[MeSH Terms] OR ("depressive"[All Fields] AND "disorder"[All Fields]) OR "depressive disorder"[All Fields] OR "depression"[All Fields] OR "depression"[MeSH Terms]) AND ("randomized controlled trial"[pt] OR "controlled clinical trial"[pt] OR randomized[tiab] OR placebo[tiab] OR "drug therapy"[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab]) AND ("humans"[MeSH Terms] AND English[lang]) | 02/10/2017 |
| Pubmed/MEDLINEadditional search | Depression[Title] AND (transcranial direct current stimulation[Title] OR transcranial magnetic stimulation[Title]) AND (("0001/01/01"[PDAT] : "2016/12/31"[PDAT])) | 06/20/2017 |
| Pubmed/ MEDLINE for pain\* | (tDCS OR transcranial direct current stimulation OR transcranial magnetic stimulation OR TMS) AND pain AND ("randomized controlled trial"[pt] OR "controlled clinical trial"[pt] OR randomized[tiab] OR placebo[tiab] OR "drug therapy"[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab]) | 02/10/2017 |
| Pubmed/MEDLINEadditional search | pain[Title] AND (transcranial direct current stimulation[Title] OR transcranial magnetic stimulation[Title]) AND (("0001/01/01"[PDAT] : "2016/12/31"[PDAT]) AND "humans"[MeSH Terms]) | 06/20/2017 |

\*The search queries include the ¨Highly Sensitive Search Strategy¨ designed by the Cochrane Collaboration (1).

1. Higgins JPT, Green S. Cochrane Handbook for Systematic Reviews of Interventions Version 5.1.0 [updated March 2011]. In: The Cochrane Collaboration. 2011. p. Table 7.7.a: Formulae for combining groups.