Supplementary table 3: Search strategy

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| International Clinical Trials Registry Platform (ICTRP) Meta Study Register |
| **Search #01 ICTRP to *Stroke* on 05.March 2015 in advanced Search (**[**http://apps.who.int/trialsearch/AdvSearch.aspx**](http://apps.who.int/trialsearch/AdvSearch.aspx)**)** |
| in the Title  | Stroke |
| in the Condition  | OR Stroke |
| in the Intervention | AND Device\*1 |
| Recruting | ALL |
| Date of registration  | 01/01/2005 – 05/03/2015 |
| Trials found | N=662 |
| Search #02 ICTRP to *Migraine* on 24.March 2015 in advanced Search ([http://apps.who.int/trialsearch/AdvSearch.aspx)](http://apps.who.int/trialsearch/AdvSearch.aspx%29) |
| in the Title  | Migraine OR migrainous headache |
| in the Condition  | OR Migraine  |
| in the Intervention | AND Device\* |
| Recruting | ALL |
| Date of registration  | 01/01/2005 – 24/03/2015 |
| Trials found | N=83 |
| Search #03 ICTRP to *Epilepsy* on 24.03.2015 in advanced Search ([http://apps.who.int/trialsearch/AdvSearch.aspx)](http://apps.who.int/trialsearch/AdvSearch.aspx%29) |
| in the Title  | Epilepsy |
| in the Condition  | OR Epeilepsy |
| in the Intervention | AND Device\* |
| Recruting | ALL |
| Date of registration  | 01/01/2005 – 24/03/2015 |
| Trials found | N=86 |
| **U.S. National Institutes of Health ClinicalTrails. gov** |
| **Search #04 CTgov to *Stroke* on 05.03.2015 in Advanced Search (**[**https://www.clinicaltrials.gov/ct2/search/advanced)**](https://www.clinicaltrials.gov/ct2/search/advanced%29) |
| Study Type | Interventional Studies |
| Condition | stroke |
| Intervention | device |
| Phase  | 2, 3, 4  |
| First Received From  | 01/01/2005- |
| Trials found | N=201 |
| **Search #05 CTgov to *Migraine* on 24.03.2015 in advanced Search (**[**https://www.clinicaltrials.gov/ct2/search/advanced)**](https://www.clinicaltrials.gov/ct2/search/advanced%29) |
| Study Type | Interventional Studies |
| Condition | migraine OR migrainous headache |
| Intervention | device |
| Phase  | 2, 3, 4  |
| First Received From  | 01/01/2005 - 2015 |
| Trials found | N=26 |
| **Search #06 CTgov to *Epilepsy* on 24.03.2015 in advanced Search (**[**https://www.clinicaltrials.gov/ct2/search/advanced)**](https://www.clinicaltrials.gov/ct2/search/advanced%29) |
| Study Type | Interventional Studies |
| Condition | epilepsy |
| Intervention | device |
| Phase  | 2, 3, 4  |
| First Received From  | 01/01/2005 - 2015 |
| Trials found | N=15 |

 Note: In field of intervention \* following is selected for the word *Device\**: device\* OR "{Device}" OR "biomedical equipment" OR "DEVICE" OR "DEVICE MED" OR "DEVICE, GENERAL MEDICAL" OR "Device, Medical" OR "DEVICES" OR "DEVICES MED" OR "Devices, Medical" OR "Kind of quantity - Device" OR "MED DEVICE" OR "MED DEVICES" OR "Medical Device" OR "Medical Devices" OR "medical equipment" OR "Participation Type - device"