Medline search strategy - Anesthesia for Deep Brain Stimulation for Parkinsons or Essential Tremor Patients and RCTs – Medl

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| Ovid MEDLINE(R) 1946 to January Week 2 2016 |
| **#** | **Searches** | **Results** | **Search Type** |
| 1 | Deep Brain Stimulation/ | 5508  | Advanced |
| 2 | Electric Stimulation Therapy/ and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 4689  | Advanced |
| 3 | Electric Stimulation Therapy/ and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 553  | Advanced |
| 4 | Electric Stimulation Therapy/ and (Globus Pallidus/ or pallidus.mp,kw. or pallidum.mp,kw.) | 320  | Advanced |
| 5 | Electric Stimulation/ and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 45919  | Advanced |
| 6 | Electric Stimulation/ and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 430  | Advanced |
| 7 | Electric Stimulation/ and (Globus Pallidus/ or pallidus.mp,kw. or pallidum.mp,kw.) | 630  | Advanced |
| 8 | Electrodes, Implanted/ and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 8360  | Advanced |
| 9 | Electrodes, Implanted/ and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 580  | Advanced |
| 10 | Electrodes, Implanted/ and (Globus Pallidus/ or pallidus.mp,kw. or pallidum.mp,kw.) | 313  | Advanced |
| 11 | Implantable Neurostimulators/ and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 87  | Advanced |
| 12 | Implantable Neurostimulators/ and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 10  | Advanced |
| 13 | Implantable Neurostimulators/ and (Globus Pallidus/ or pallidus.mp,kw. or pallidum.mp,kw.) | 9  | Advanced |
| 14 | "Prostheses and Implants"/ and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 1543  | Advanced |
| 15 | "Prostheses and Implants"/ and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 10  | Advanced |
| 16 | DBS.mp,kw. [Deep Brain Stimulation] | 5017  | Advanced |
| 17 | HF-DBS.mp,kw. | 9  | Advanced |
| 18 | (dbs and (electr\* adj2 stim\*)).mp,kw. | 1004  | Advanced |
| 19 | (dbs and neurostim\*).mp,kw. | 140  | Advanced |
| 20 | (dbs and neuro-stim\*).mp,kw. | 0  | Advanced |
| 21 | (deep\* adj2 brain\* adj2 stimul\*).mp,kw. | 7242  | Advanced |
| 22 | (deep\* adj2 brain\* adj4 electrostimul\*).mp,kw. | 1  | Advanced |
| 23 | (deep\* adj2 brain\* adj4 electro-stimul\*).mp,kw. | 0  | Advanced |
| 24 | (deep\* adj2 brain\* adj4 neurostimul\*).mp,kw. | 21  | Advanced |
| 25 | (deep\* adj2 brain\* adj4 neuro-stimul\*).mp,kw. | 1  | Advanced |
| 26 | (deep\* adj2 brain\* adj4 stimul\*).mp,kw. | 7264  | Advanced |
| 27 | (elect\* adj2 stimulat\* adj4 brain\*).mp,kw. | 1795  | Advanced |
| 28 | (electric\* adj3 stimulat\*).mp,kw. and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 56707  | Advanced |
| 29 | (electric\* adj3 stimulat\*).mp,kw. and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 1093  | Advanced |
| 30 | (electrod\* adj3 implant\*).mp,kw. and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 11324  | Advanced |
| 31 | (electrod\* adj3 implant\*).mp,kw. and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 774  | Advanced |
| 32 | (electric\* adj3 stimulat\*).mp,kw. and (Globus Pallidus/ or pallidus.mp,kw. or pallidum.mp,kw.) | 1028  | Advanced |
| 33 | (electrodes, implanted/ or implantable neurostimulators/) and (exp Brain/ or exp Brain Diseases/) | 8019  | Advanced |
| 34 | (brain\* adj2 depth? adj2 stim\*).mp,kw. | 1  | Advanced |
| 35 | (neurostimulat\* and brain\*).mp,kw. | 516  | Advanced |
| 36 | (neuro-stimulat\* and brain\*).mp,kw. | 11  | Advanced |
| 37 | neurostimulat\*.mp,kw. and (exp Brain/ or exp Brain Diseases/ or brain?.mp,kw.) | 718  | Advanced |
| 38 | neurostimulat\*.mp,kw. and (exp Subthalamic Nucleus/ or subthalam\*.mp,kw.) | 74  | Advanced |
| 39 | neurostimulat\*.mp,kw. and (Globus Pallidus/ or pallidus.mp,kw. or pallidum.mp,kw.) | 43  | Advanced |
| 40 | or/1-39 [ ~~ DBS & related terms for Medline ~~ ] | 71197  | Advanced |
| 41 | exp Anesthesia/ | 172060  | Advanced |
| 42 | exp Anesthetics/ | 218808  | Advanced |
| 43 | an?esth\*.af. | 493150  | Advanced |
| 44 | Conscious Sedation/ | 7271  | Advanced |
| 45 | (sedation or sedations or sedative? or sedate? or sedating).mp,kw. | 58947  | Advanced |
| 46 | analgosedat\*.mp,kw. | 174  | Advanced |
| 47 | analgo-sedat\*.mp,kw. | 55  | Advanced |
| 48 | Sedoan?esthe\*.mp,kw. | 0  | Advanced |
| 49 | "Hypnotics and Sedatives"/ | 25100  | Advanced |
| 50 | Isoflurane/ | 8050  | Advanced |
| 51 | CYS9AKD70P.rn. [Isoflurane] | 8050  | Advanced |
| 52 | Isoflurane??.mp,kw. | 11820  | Advanced |
| 53 | forane?.mp,kw. | 65  | Advanced |
| 54 | sevoflurane\*.mp,kw. | 6554  | Advanced |
| 55 | ultane?.mp,kw. | 6  | Advanced |
| 56 | 38LVP0K73A.rn. [sevoflurane] | 4842  | Advanced |
| 57 | desflurane\*.mp,kw. | 1768  | Advanced |
| 58 | suprane?.mp,kw. | 3  | Advanced |
| 59 | CRS35BZ94Q.rn. [desflurane] | 1356  | Advanced |
| 60 | propofol\*.mp,kw. | 16221  | Advanced |
| 61 | YI7VU623SF.rn. [Propofol] | 12141  | Advanced |
| 62 | diprivan\*.mp,kw. | 359  | Advanced |
| 63 | disoprivan\*.mp,kw. | 30  | Advanced |
| 64 | disoprofol\*.mp,kw. | 13  | Advanced |
| 65 | fresofol\*.mp,kw. | 0  | Advanced |
| 66 | ivofol\*.mp,kw. | 2  | Advanced |
| 67 | recofol\*.mp,kw. | 4  | Advanced |
| 68 | aquafol\*.mp,kw. | 5  | Advanced |
| 69 | exp fentanyl/ | 13798  | Advanced |
| 70 | Fentany?.mp,kw. | 17428  | Advanced |
| 71 | UF599785JZ.rn. [Fentanyl] | 11832  | Advanced |
| 72 | oravescent?.mp,kw. | 3  | Advanced |
| 73 | duragesic?.mp,kw. | 36  | Advanced |
| 74 | durogesic?.mp,kw. | 35  | Advanced |
| 75 | fentanest?.mp,kw. | 15  | Advanced |
| 76 | fentora?.mp,kw. | 5  | Advanced |
| 77 | phentanyl?.mp,kw. | 116  | Advanced |
| 78 | "r 4263".mp,kw. | 9  | Advanced |
| 79 | "r4263".mp,kw. | 1  | Advanced |
| 80 | sublimaze?.mp,kw. | 22  | Advanced |
| 81 | Dexmedetomidine/ | 1786  | Advanced |
| 82 | dexmedetomidine?.mp,kw. | 2309  | Advanced |
| 83 | 67VB76HONO.rn. [Dexmedetomidine] | 1786  | Advanced |
| 84 | mpv1440.mp,kw. | 0  | Advanced |
| 85 | mpv-1440.mp,kw. | 2  | Advanced |
| 86 | precedex\*.mp,kw. | 21  | Advanced |
| 87 | Midazolam/ | 7569  | Advanced |
| 88 | dormicum?.mp,kw. [midazolam] | 121  | Advanced |
| 89 | "ro 21 3981".mp,kw. | 42  | Advanced |
| 90 | "ro 213981".mp,kw. | 0  | Advanced |
| 91 | "ro213981".mp,kw. | 0  | Advanced |
| 92 | asleep-awake-asleep.mp,kw. | 30  | Advanced |
| 93 | awake-asleep-awake.mp,kw. | 0  | Advanced |
| 94 | awake-awake-awake.mp,kw. | 4  | Advanced |
| 95 | awake phase?.mp,kw. | 25  | Advanced |
| 96 | asleep phase?.mp,kw. | 2  | Advanced |
| 97 | awake surgery.mp,kw. | 166  | Advanced |
| 98 | awake surgeries.mp,kw. | 5  | Advanced |
| 99 | or/41-98 [ ~~ Anesthetics or Sedatives (Selective) ~~ ] | 634225  | Advanced |
| **100** | **40 and 99 [ == DBS and (Anesthetics or Sedatives) == ]** | **10438**  | **Advanced** |
| 101 | exp Parkinsonian Disorders/ | 62233  | Advanced |
| 102 | Lewy Body Disease/ | 2278  | Advanced |
| 103 | Lewy Bodies/ | 1525  | Advanced |
| 104 | MPTP Poisoning/ | 1343  | Advanced |
| 105 | exp Essential Tremor/ | 1400  | Advanced |
| 106 | Tremor/ | 8469  | Advanced |
| 107 | parkinson\*.mp,kw. | 86853  | Advanced |
| 108 | paralysis agitans.mp,kw. | 1138  | Advanced |
| 109 | (lewy adj1 (body or bodies)).mp,kw. | 6531  | Advanced |
| 110 | (tremor or tremors).mp,kw. | 18983  | Advanced |
| 111 | titubat\*.mp,kw. | 46  | Advanced |
| 112 | (MPTP adj2 Poison\*).mp,kw. | 1347  | Advanced |
| 113 | or/101-112 [ ~~ Parkinson's or Essential Tremor ~~ ] | 102448  | Advanced |
| **114** | **100 and 113 [ -- DBS and (Anesthetics or Sedatives) AND (Parkinson's or Essential Tremor) ]** | **261**  | **Advanced** |
| 115 | exp epidemiologic studies/ | 1817622  | Advanced |
| 116 | exp risk/ | 908311  | Advanced |
| 117 | risk:.mp. | 1689707  | Advanced |
| 118 | cohort:.tw. | 293736  | Advanced |
| 119 | (cause: or causing or causal: or causation).mp. | 1738801  | Advanced |
| 120 | exp odds ratio/ | 66122  | Advanced |
| 121 | exp cohort studies/ | 1482927  | Advanced |
| 122 | exp prognosis/ | 1208266  | Advanced |
| 123 | exp morbidity/ | 414122  | Advanced |
| 124 | exp mortality/ | 302598  | Advanced |
| 125 | exp survival analysis/ | 206354  | Advanced |
| 126 | exp models, statistical/ | 300742  | Advanced |
| 127 | prognos\*.tw. | 378189  | Advanced |
| 128 | predict\*.tw. | 929692  | Advanced |
| 129 | course\*.tw. | 459828  | Advanced |
| 130 | diagnosed.tw. | 351147  | Advanced |
| 131 | death.tw. | 470180  | Advanced |
| 132 | randomized controlled trial.pt. | 403450  | Advanced |
| 133 | exp Randomized controlled trial/ | 403512  | Advanced |
| 134 | exp Randomized Controlled Trials as Topic/ | 101374  | Advanced |
| 135 | Double-Blind Method/ | 132336  | Advanced |
| 136 | "double blind:".mp. | 157267  | Advanced |
| 137 | Placebos/ | 32947  | Advanced |
| 138 | placebo:.mp. | 173019  | Advanced |
| 139 | random:.mp. | 905938  | Advanced |
| 140 | exp Clinical Trial/ | 718985  | Advanced |
| 141 | exp Clinical Trials as Topic/ | 286053  | Advanced |
| 142 | exp cohort studies/ | 1482927  | Advanced |
| 143 | exp longitudinal studies/ | 94513  | Advanced |
| 144 | (longitudinal\* adj2 (study or studies or evaluat\*)).mp,kw. | 119926  | Advanced |
| 145 | exp treatment outcome/ | 728755  | Advanced |
| 146 | outcome?.mp,kw. | 1515472  | Advanced |
| 147 | fail\*.mp,kw. | 930523  | Advanced |
| 148 | or/115-147 [Effectiveness or Prognosis] | 7563768  | Advanced |
| **149** | **114 and 148 [ -- DBS and (Anesthetics or Sedatives) AND (Parkinson's or Essential Tremor) + Effectiveness or Prognosis -- ]** | **114**  | **Advanced** |
| 150 | animals/ not (animals/ and human/) | 4140900  | Advanced |
| 151 | 149 not 150 | 90  | Advanced |
| 152 | limit 149 to human | 90  | Advanced |
| 153 | 151 or 152 | 90  | Advanced |
| 154 | limit 153 to english language | 84  | Advanced |
| **155** | **remove duplicates from 154 🡺 final result 🡺** | **84**  | **Advanced** |