|  |  |  |
| --- | --- | --- |
| Condition | Medical treatment | Surgical treatment |
| Arachnoiditis, chronic | * AED
* TCA
 | * SCS
 |
| Anesthesia dolorosa  |  | * Motor cortex stimulation
* Trigeminal DREZ
 |
| Bilateral or midline pain |  | * Midline myelotomy
 |
| Cancer | * Gabapentin
 | * Cordotomy (life expectancy < 3 months) – performed contralaterally!!! – don’t do bilaterally (Ondine’s curse)
* IT pain pump (life exepectancy > 6 months)
* SCS does not work well because it is good for neuropathic pain and cancer pain is mostly nociceptive due to tissue damage
 |
| CRPS | * Gabapentin
* Sympathetic block
* Psychological testing
 | * SCS
* DRG stimulation
 |
| Dystonia |  | * GPi DBS
 |
| Essential tremor | * Metoprolol
* Primidone
 | * VIM DBS
 |
| Hemifacial spasm | * Botulinum toxin
 | * Microvascular decompression of CN VII
 |
| Hyperhidrosis | * Astringents, antiperspirants
* Anticholinergics
 | * T2, T3, T4 sympathectomy for palmar and axillary hyperhidrosis (avoid T1 to prevent Horner’s syndrome)
 |
| Intercostal neuralgia |  | * Intercostal anesthetic block
* Ganglionectomy (1 level above and below – much overlap)
 |
| Painful diabetic neuropathy | * Gabapentin
 |  |
| Parkinson’s disease | * Sinemet
 | * STN DBS (movement neurologist + neuropsych evaluation before placement)
 |
| Postherpetic neuralgia (PHN)[Ramsay-Hunt syndrome] | * Gabapentin
 |  |
| Spasticity | * Diazepam
* Baclofen
 | * Baclofen pump
* Selective dorsal rhizotomy
* Myelotomy
 |
| Tolosa-Hunt syndrome | * Prednisone 60 mg QD
 |  |
| Trigeminal neuralgia | * Gabapentin
 | * Percutaneous radiofrequency rhizotomy
* Percutaneous balloon compression
* Percutaneous glycerol rhizotomy
* Microvascular decompression of CN V
* Stereotactic radiosurgery
 |