



March 2016 News

PLEASE FORWARD TO YOUR COLLEAGUES

[www.wikistim.org](http://www.wikistim.org)

*If you are reading this newsletter for the first time, please visit the [ABOUT](#) section on the [WIKISTIM home page](#). This section describes WIKISTIM's unique resources and is accessible without registration.*

**CHECK OUT THE APPENDIX TO SEE THE MOST RECENT CITATIONS ADDED TO WIKISTIM**

#### **DONATION THANK YOU**

In February, we received an individual donation sufficient to operate at our current level for approximately four months! This was our largest individual donation to date and exceeded several of the corporate grants we have received. As always, we are grateful for any donation in any amount from those who use this free resource.

#### **HIJACKS AND SCAMS OF ALL SORTS IN THE WORLD OF ACADEMIC PUBLISHING**

The world of academic (including scientific, perhaps especially scientific) publishing has fallen prey to several types of scams, to wit: predators publishers, predatory standalone journals, misleading metrics companies, and hijacked journals. The extent of these schemes is breath-taking. To learn about them (and thus avoid falling prey to them), refer to the work of librarian extraordinaire Jeffrey Beall. <https://scholarlyoa.com/2015/01/02/bealls-list-of-predatory-publishers-2015/>

#### **REMINDERS**

##### **New Feature**

In our effort to increase the depth of the content on WIKISTIM, we have begun to add data that we collected from SCS reports for evidence tables created before WIKISTIM datasheets were available. These tables were not as comprehensive as the WIKISTIM datasheets but nevertheless provide valuable information that we can present without waiting until we have the time to hyper-abstract the articles in question completely. To see which datasheets are partially completed, click on "Status" on the right-hand side of the heading of the list of [SCS searchable papers](#). "Partial" will appear, followed by "Completed."

##### **North American Neuromodulation Society and Neural Interfaces Conference Joint Meeting**

We are pleased to report that we will present a session on "Maximizing the Value of Neural Interface Data" at the [NANS2/NIC conference](#) in June in our hometown, Baltimore.

The goal of the session will be to explain how the way something is reported predicts what will be reported and to demonstrate that by presenting a better way to conduct studies and publish data, WIKISTIM will be a positive influence on the quality of the data that will be published as well as on the

way these data are analyzed in relation to the findings of other neural interface studies.

We will address the following:

- What shortcomings exist with current peer-reviewed publication and meta-analysis paradigms;
- How the neural interface research community can work collaboratively using WIKISTIM to improve 1) study design (resulting in more rigorous, useful, and robust methods of gathering data) and 2) the research reports that present these data (resulting in more thorough reporting);
- How WIKISTIM can extend the useful life of neural interface research data and make these findings immediately accessible and easy to analyze and visualize in light of other reported data (that is, shape research findings to enhance them, preserve them, and make them more widely and easily evident and accessible); and
- Why the neural interface research community is uniquely positioned to benefit from and shape the future of the WIKISTIM model

### **CURRENT STATUS**

Our 8 new subscribers in January increased our total to 315. Please continue to encourage your colleagues to register for access to our free resource.

**March 1st numbers (These numbers might not add up from month to month as we make corrections. See appendix below for list of new citations.)**

- 315 subscribers (48new)
- SCS citations 1876 (13 new)
- DBS citations 1707 (36 new; 29 Parkinson's; 5 OCD, 2 epilepsy)
- SNS citations 764 (11 new)
- PNS citations 26 (list remains preliminary—update in progress to be reported next month)
- DRG citations 31 (0 new)
- GES citations 470 (1 new)

### **CONTINUING PLANS FOR THE FUTURE**

- Encourage people to earn CME credits by filling in datasheets
- Transform our datasheets into forms that can be completed online easily
- Include additional sections, with VNS next in line
- Optimize performance on various platforms (screen sizes, browser types, etc.)
- Create forms for online data submission, with easy checkboxes when applicable
- Link data fields to additional information (e.g., descriptions and preferred uses of study designs and outcome criteria, authors' CVs, etc.)
- Incorporate cutting edge data visualization graphics that will update immediately as data are extrapolated from papers and uploaded
- Offer a dynamic user experience, including the ability to save searches and customize the way the site behaves
- Secure continued funding
- Continue to make quality improvements

### **HOW THE NEUROSTIMULATION COMMUNITY CAN HELP**

- Submit extracted data from published reports of your choice, or use our datasheets as a guide when you plan your study and write your paper, and then submit the datasheet to us upon journal acceptance.
- Notify us about any reports we might have missed that contain primary data on SCS, SNS, DRG,

PNS, GES, DBS/OCD, DBS/Epilepsy, or reports you would like to see added for DBS/PD.

- Suggest website improvements (and thanks to those who have done this—we have incorporated your suggestions to the best of our ability).

### **FINANCIAL SUPPORT FOR 2015 to 2016**

**(Listed alphabetically by first name):**

- B. Todd Sitzman, MD, MPH
- Greatbatch
- Medtronic
- The NANS Foundation (3-year grant commitment started 2014)
- NEVRO
- Richard B. North, MD
- Thomas Abell, MD

### **Ongoing in-kind support:**

- The International Neuromodulation Society (publicity and conference registration)
- The Neuromodulation Foundation (parent non-profit, overhead and development)
- The North American Neuromodulation Society (publicity and conference registration)

### **EDITORIAL BOARD**

#### **Editor-in-chief**

Richard B. North, MD

#### **Section editors**

Thomas Abell, MD, Gastric Electrical Stimulation  
Tracy Cameron, PhD, Peripheral Nerve Stimulation  
Roger Dmochowski, MD, Sacral Nerve Stimulation  
Robert Foreman, MD, PhD, Co-editor Experimental Studies  
Elliot Krames, MD, Dorsal Root Ganglion Stimulation  
Bengt Linderöth, MD, PhD, Co-editor Experimental Studies  
Richard B. North, MD, Spinal Cord Stimulation  
B. Todd Sitzman, MD, MPH, At Large  
Konstantin Slavin, MD, Deep Brain Stimulation  
Kristl Vonck, MD, PhD, Section on DBS for Epilepsy  
To be determined, Vagus Nerve Stimulation

#### **Managing editor**

Jane Shipley

#### **Disclosure**

WIKISTIM includes citations for indications that are or might be considered off-label in the United States.

#### **Contact**

The Neuromodulation Foundation, Inc.  
117 East 25th Street  
Baltimore, MD 21218  
wikistim@gmail.com  
wikistim.org  
neuromodfound.org

## APPENDIX: Citations added March 1, 2016

### DBS-PD (we continue to add older DBS citations that we passed over in our initial list)

1. Bond AE, Dallapiazza RF, Lopes MB, Elias WJ. Convection-enhanced delivery improves MRI visualization of basal ganglia for stereotactic surgery. *J Neurosurg* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26848911>
2. Carbon M, Ghilardi MF, Feigin A, Fukuda M, Silvestri G, Mentis MJ, Ghez C, Moeller JR, Eidelberg D. Learning networks in health and Parkinson's disease: reproducibility and treatment effects. *Hum Brain Mapp* 2003 19(3):197-211 <http://www.ncbi.nlm.nih.gov/pubmed/12811735>
3. Falowski SM, Bakay RA. Revision surgery of deep brain stimulation leads. *Neuromodulation* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26899800>
4. Fleury V, Pollak P, Gere J, Tommasi G, Romito L, Combescure C, Bardinet E, Chabardes S, Momjian S, Krainik A, Burkhard P, Yelnik J, Krack P. Subthalamic stimulation may inhibit the beneficial effects of levodopa on akinesia and gait. *Mov Disord* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26887333>
5. Funkiewiez A, Ardouin C, Krack P, Fraix V, Van Blercom N, Xie J, Moro E, Benabid AL, Pollak P. Acute psychotropic effects of bilateral subthalamic nucleus stimulation and levodopa in Parkinson's disease. *Mov Disord* 2003 18(5):524-530 <http://www.ncbi.nlm.nih.gov/pubmed/12722166>
6. Furgała A, Górecka-Mazur A, Fiszer U, Pietraszko W, Thor P, Moskała M, Potasz K, Bukowczan M, Polak J, Krygowska-Wajs A. Evaluation of heart rate and blood pressure variability in Parkinson's disease patients after bilateral subthalamic deep brain stimulation. *Polish. Przegl Lek* 2015 72(5):246-252 <http://www.ncbi.nlm.nih.gov/pubmed/26817327> 1
7. Garcia-Garcia D, Guridi J, Toledo JB, Alegre M, Obeso JA, Rodríguez-Oroz MC. Stimulation sites in the subthalamic nucleus and clinical improvement in Parkinson's disease: a new approach for active contact localization. *J Neurosurg* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26848922>
8. Gómez JC, Lezcano E, Molano A, Lambarri I, Bilbao G, Garibi J, Madoz P, Zarranz JJ. Neuropsychological changes and bilateral subthalamic deep brain stimulation in Parkinson's disease. Spanish. *Neurologia* 2003 18(3):139-145 <http://www.ncbi.nlm.nih.gov/pubmed/12677479>
9. Hariz GM, Lindberg M, Hariz MI, Bergenheim AT. Does the ADL part of the unified Parkinson's disease rating scale measure ADL? An evaluation in patients after pallidotomy and thalamic deep brain stimulation. *Mov Disord* 2003 18(4):373-381 <http://www.ncbi.nlm.nih.gov/pubmed/12671942>
10. Hutchison WD, Lang AE, Dostrovsky JO, Lozano AM. Pallidal neuronal activity: implications for models of dystonia. *Ann Neurol* 2003 53(4):480-488 <http://www.ncbi.nlm.nih.gov/pubmed/12666115>
11. Klostermann F, Vesper J, Curio G. Identification of target areas for deep brain stimulation in human basal ganglia substructures based on median nerve sensory evoked potential criteria. *J Neurol Neurosurg Psychiatry* 2003 74(8):1031-1035 <http://www.ncbi.nlm.nih.gov/pubmed/12876229>
12. Kondziolka D, Whiting D, Germanwala A, Oh M. Hardware-related complications after placement of thalamic deep brain stimulator systems. *Stereotact Funct Neurosurg* 2002 79(3-4):228-233 <http://www.ncbi.nlm.nih.gov/pubmed/12890981>
13. Kuehler A, Henrich G, Schroeder U, Conrad B, Herschbach P, Ceballos-Baumann A. A novel quality of life instrument for deep brain stimulation in movement disorders. *J Neurol Neurosurg Psychiatry* 2003 74(8):1023-1030 <http://www.ncbi.nlm.nih.gov/pubmed/12876228>

14. Lamberti VM, Pereira B, Lhommée E, Bichon A, Schmitt E, Pelissier P, Kistner A, Fraix V, Castrioto A, Esselink RA, Durif F, Krack P. Profile of neuropsychiatric symptoms in Parkinson's disease: surgical candidates compared to controls. *J Parkinsons Dis* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26889631>
15. Lezcano E, Gómez JC, Lambarri I, Bilbao G, Pomposo I, Rodríguez O, Villoria R, Zarranz JJ, Madoz P, Garibi J. Bilateral subthalamic nucleus deep-brain stimulation (STN-DBS) in Parkinson's disease: initial experience in Cruces Hospital. Spanish. *Neurologia* 2003 18(4):187-195 <http://www.ncbi.nlm.nih.gov/pubmed/12721863>
16. Linazasoro G, Van Blercom N, Lasa A. Unilateral subthalamic deep brain stimulation in advanced Parkinson's disease. *Mov Disord* 2003 18(6):713-716 <http://www.ncbi.nlm.nih.gov/pubmed/12784280>
17. Loher TJ, Gutbrod K, Fravi NL, Pohle T, Burgunder JM, Krauss JK. Thalamic stimulation for tremor. Subtle changes in episodic memory are related to stimulation per se and not to a microthalamotomy effect. *J Neurol* 2003 250(6):707-713 <http://www.ncbi.nlm.nih.gov/pubmed/12796834>
18. Maier F, Lewis CJ, Horstkoetter N, Eggers C, Dembek TA, Visser-Vandewalle V, Kuhn J, Zurowski M, Moro E, Woopen C, Timmermann L. Subjective perceived outcome of subthalamic deep brain stimulation in Parkinson's disease one year after surgery. *Parkinsonism Relat Disord* 2016 24:41-47 <http://www.ncbi.nlm.nih.gov/pubmed/26827110>
19. McIntosh E, Gray A, Daniels J, Gill S, Ives N, Jenkinson C, Mitchell R, Pall H, Patel S, Quinn N, Rick C, Wheatley K, Williams A; PD SURG Collaborators Group. Cost-utility analysis of deep brain stimulation surgery plus best medical therapy versus best medical therapy in patients with Parkinson's: economic evaluation alongside the PD SURG trial. *Mov Disord* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26846185>
20. Odekerken VJ, Boel JA, Schmand BA, de Haan RJ, Figeé M, van den Munckhof P, Schuurman PR, de Bie RM; NSTAPS study group. GPi vs STN deep brain stimulation for Parkinson disease: three-year follow-up. *Neurology* 2016 86(8):755-761 <http://www.ncbi.nlm.nih.gov/pubmed/26819458>
21. Panov F, Levin E, de Hemptinne C, Swann NC, Qasim S, Miocinovic S, Ostrem JL, Starr PA. Intraoperative electrocorticography for physiological research in movement disorders: principles and experience in 200 cases. *J Neurosurg* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26918474>
22. Patel NK, Heywood P, O'Sullivan K, Love S, Gill SS. MRI-directed subthalamic nucleus surgery for Parkinson's disease. *Stereotact Funct Neurosurg* 2002 78(3-4):132-145 <http://www.ncbi.nlm.nih.gov/pubmed/12652038>
23. Patel NK, Heywood P, O'Sullivan K, McCarter R, Love S, Gill SS. Unilateral subthalamotomy in the treatment of Parkinson's disease. *Brain* 2003 126(Pt 5):1136-1145 <http://www.ncbi.nlm.nih.gov/pubmed/12690053>
24. Rosenow JM, Tarkin H, Zias E, Sorbera C, Mogilner A. Simultaneous use of bilateral subthalamic nucleus stimulators and an implantable cardiac defibrillator. Case report. *J Neurosurg* 2003 99(1):167-169 <http://www.ncbi.nlm.nih.gov/pubmed/12854761>
25. Schenk T, Baur B, Steude U, Bötzel K. Effects of deep brain stimulation on prehensile movements in PD patients are less pronounced when external timing cues are provided. *Neuropsychologia* 2003 41(7):783-794 <http://www.ncbi.nlm.nih.gov/pubmed/12631529>
26. Tarsy D, Apetauerova D, Ryan P, Norregaard T. Adverse effects of subthalamic nucleus DBS in a patient with multiple system atrophy. *Neurology* 2003 61(2):247-249 <http://www.ncbi.nlm.nih.gov/pubmed/12874410>
27. Theodosopoulos PV, Marks WJ Jr, Christine C, Starr PA. Locations of movement-related cells in the human subthalamic nucleus in Parkinson's disease. *Mov Disord* 2003 18(7):791-798 <http://www.ncbi.nlm.nih.gov/pubmed/12815658>

28. Wennberg RA, Lozano AM. Intracranial volume conduction of cortical spikes and sleep potentials recorded with deep brain stimulating electrodes. *Clin Neurophysiol* 2003 114(8):1403-1418  
<http://www.ncbi.nlm.nih.gov/pubmed/12888022>
29. Yelnik J, Damier P, Demeret S, Gervais D, Bardinet E, Bejjani BP, François C, Houeto JL, Arnule I, Dormont D, Galanaud D, Pidoux B, Cornu P, Agid Y. Localization of stimulating electrodes in patients with Parkinson disease by using a three-dimensional atlas-magnetic resonance imaging coregistration method. *J Neurosurg* 2003 99(1):89-99  
<http://www.ncbi.nlm.nih.gov/pubmed/12854749>

### **DBS OCD**

1. Dougherty DD, Chou T, Corse AK, Arulpragasam AR, Widge AS, Cusin C, Evans KC, Greenberg BD, Haber SN, Deckersbach T. Acute deep brain stimulation changes in regional cerebral blood flow in obsessive-compulsive disorder. *J Neurosurg* 2016 epub  
<http://www.ncbi.nlm.nih.gov/pubmed/26894459>
2. Hartmann CJ, Lujan JL, Chaturvedi A, Goodman WK, Okun MS, McIntyre CC, Haq IU. Tractography activation patterns in dorsolateral prefrontal cortex suggest better clinical responses in OCD DBS. *Front Neurosci* 2016 9:519 <http://www.ncbi.nlm.nih.gov/pubmed/26834544>
3. Karamintziou SD, Deligiannis NG, Piallat B, Polosan M, Chabardès S, David O, Stathis PG, Tagaris GA, Boviatsis EJ, Sakas DE, Polychronaki GE, Tsirogiannis GL, Nikita KS. Dominant efficiency of nonregular patterns of subthalamic nucleus deep brain stimulation for Parkinson's disease and obsessive-compulsive disorder in a data-driven computational model. *J Neural Eng* 2016 13(1):016013 <http://www.ncbi.nlm.nih.gov/pubmed/26695534>
4. Real E, Plans G, Alonso P, Aparicio MA, Segalàs C, Cardoner N, Soriano-Mas C, López-Solà C, Menchón JM. Removing and reimplanting deep brain stimulation therapy devices in resistant OCD (when the patient does not respond): case report. *BMC Psychiatry* 2016 16(1):26  
<http://www.ncbi.nlm.nih.gov/pubmed/26852116>
5. Williams NR, Hopkins TR, Short EB, Sahlem GL, Snipes J, Revuelta GJ, George MS, Takacs I. Reward circuit DBS improves Parkinson's gait along with severe depression and OCD. *Neurocase* 2016 22(2):201-204 <http://www.ncbi.nlm.nih.gov/pubmed/26644268>

### **DBS Epilepsy**

1. Choi JG, Lee SH, Shon YM, Son BC. Long-term migration of a deep brain stimulation (DBS) lead in the third ventricle caused by cerebral atrophy in a patient with anterior thalamic nucleus DBS. *J Epilepsy Res* 2015 5(2):96-100 <http://www.ncbi.nlm.nih.gov/pubmed/26819942>
2. Jin H, Li W, Dong C, Wu J, Zhao W, Zhao Z, Ma L, Ma F, Chen Y, Liu Q. Hippocampal deep brain stimulation in nonlesional refractory mesial temporal lobe epilepsy. *Seizure* 2016 37:1-7  
<http://www.ncbi.nlm.nih.gov/pubmed/26908151>

### **SCS**

1. Abejón D, Rueda P, Vallejo R. Threshold evolution as an analysis of the different pulse frequencies in rechargeable systems for spinal cord stimulation. *Neuromodulation* 2016 epub  
<http://www.ncbi.nlm.nih.gov/pubmed/26857220>
2. Barbaresi P, Mensà E. Connections from the rat dorsal column nuclei (DCN) to the periaqueductal gray matter (PAG). *Neurosci Res* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26902642>
3. Brys I, Bobela W, Schneider BL, Aebischer P, Fuentes R. Spinal cord stimulation improves forelimb use in an alpha-synuclein animal model of Parkinson's disease. *Int J Neurosci* 2016 epub  
<http://www.ncbi.nlm.nih.gov/pubmed/26856727>
4. Chae YJ, Han KR, Park HB, Kim C, Nam SG. Paraplegia following cervical epidural catheterization using loss of resistance technique with air: a case report. *Korean J Anesthesiol* 2016 69(1):66-70

<http://www.ncbi.nlm.nih.gov/pubmed/26885305>

5. Deer T, Skaribas I, McJunkin T, Nelson C, Salmon J, Darnule A, Braswell J, Russo M, Fernando Gomezese O. Results from the partnership for advancement in neuromodulation registry: a 24-month follow-up. *Neuromodulation* 2016 19(2):179-187  
<http://www.ncbi.nlm.nih.gov/pubmed/26890015>
6. Gad PN, Gerasimenko YP, Zdunowski S, Sayenko D, Haakana P, Turner A, Lu D, Roy RR, Edgerton VR. Iron 'ElectriRx' man: overground stepping in an exoskeleton combined with noninvasive spinal cord stimulation after paralysis. *Conf Proc IEEE Eng Med Biol Soc* 2015 2015:1124-1127  
<http://www.ncbi.nlm.nih.gov/pubmed/26736463>
7. Gong WY, Johaneck LM, Sluka KA. A comparison of the effects of burst and tonic spinal cord stimulation on hyperalgesia and physical activity in an animal model of neuropathic pain. *Anesth Analg* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26859873>
8. Jiao J, Sevcencu C, Jensen W, Yang X, Harreby KR. The influence of vagus nerve and spinal cord stimulation on the ictal fast ripple activity in a spike-and-wave rat model of seizures. *Neuromodulation* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26817965>
9. Lad SP, Petraglia Iii FW, Kent AR, Cook S, Murphy KR, Dalal N, Karst E, Staats P, Sharan A. Longer delay from chronic pain to spinal cord stimulation results in higher healthcare resource utilization. *Neuromodulation* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26923728>
10. Minassian K, McKay WB, Binder H, Hofstoetter US. Targeting lumbar spinal neural circuitry by epidural stimulation to restore motor function after spinal cord injury. *Neurotherapeutics* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26843089>
11. Ramineni T, Prusik J, Patel S, Lange S, Haller J, Fama C, Argoff C, Pilitsis J. The impact of spinal cord stimulation on sleep patterns. *Neuromodulation* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26846456>
12. van Gorp EJ, Teernstra OP, Gültuna I, Hamm-Faber T, Bürger K, Schapendonk R, Willem Kallewaard J, Spincemaille G, Vonhögen LH, Hendriks JC, Vissers KC. Subcutaneous stimulation as add-on therapy to spinal cord stimulation is effective in treating low back pain in patients with failed back surgery syndrome: a multicenter randomized controlled trial. *Neuromodulation* 2016 19(2):171-178 <http://www.ncbi.nlm.nih.gov/pubmed/26890014>
13. Vassilakos D, Fyntanidou B, Grosomanidis V, Adnan AK. Thoracic spinal cord stimulation for low back pain in a patient with permanent pacemaker. *Indian J Anaesth* 2015 59(12):820-821  
<http://www.ncbi.nlm.nih.gov/pubmed/26903680>

## SNS

1. Alonso Guardo L, Cano Gala C, Sánchez Poveda D, Rueda Juan P, Sánchez Montero FJ, Garzón Sánchez JC, Santos Lamas JI, Sánchez Hernández MV. Caudal neuromodulation with the transforaminal sacral electrode (InterStim®): experience in a pain center regarding 12 implants. *Korean J Pain* 2016 29(1):23-28 <http://www.ncbi.nlm.nih.gov/pubmed/26839667>
2. Cadish LA, Osann KE, Noblett KL. Stimulation latency and comparison of cycling regimens in women using sacral neuromodulation. *Neurourol Urodyn* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26828425>
3. Evers J, Devane L, Carrington EV, Scott SM, Knowles CH, O'Connell PR, Jones JF. Reversal of sensory deficit through sacral neuromodulation in an animal model of fecal incontinence. *Neurogastroenterol Motil* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26821877>
4. Iqbal F, Thomas GP, Tan E, Askari A, Dastur JK, Nicholls J, Vaizey CJ. Transcutaneous sacral electrical stimulation for chronic functional constipation. *Dis Colon Rectum* 2016 59(2):132-139  
<http://www.ncbi.nlm.nih.gov/pubmed/26734972>
5. Lehur PA, Wyart V, Riche VP. SaFaRI: sacral nerve stimulation versus the Fenix® magnetic sphincter augmentation for adult faecal incontinence: a randomised investigation. *Int J Colorectal Dis* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26861637>

6. Mason MD, Stephany HA, Casella DP, Clayton DB, Tanaka ST, Thomas JC, Adams MC, Brock JW 3rd, Pope JC 4th. Prospective evaluation of sacral neuromodulation in children: outcomes and urodynamic predictors of success. *J Urol* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26926536>
7. Moya P, Parra P, Arroyo A, Peña E, Benavides J, Calpena R. Sacral nerve stimulation versus percutaneous posterior tibial nerve stimulation in the treatment of severe fecal incontinence in men. *Tech Coloproctol* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26925981>
8. Shi P, Fang Y, Yu H. Bladder response to acute sacral neuromodulation while treating rats in different phases of complete spinal cord injury: a preliminary study. *Int Braz J Urol* 2015 41(6):1194-1201 <http://www.ncbi.nlm.nih.gov/pubmed/26742980>
9. Williams AE, Croft J, Napp V, Corrigan N, Brown JM, Hulme C, Brown SR, Lodge J, Protheroe D, Jayne DG. SaFaRI: sacral nerve stimulation versus the FENIX™ magnetic sphincter augmentation for adult faecal incontinence: a randomised investigation. *Int J Colorectal Dis* 2016 31(2):465-472 <http://www.ncbi.nlm.nih.gov/pubmed/26754071>
10. Zeiton M, Faily S, Nicholson J, Telford K, Sharma A. Sacral nerve stimulation-hidden costs (uncovered). *Int J Colorectal Dis* 2016 epub <http://www.ncbi.nlm.nih.gov/pubmed/26833472>
11. Zhang P, Zhang X, Zhang C, Zhang J. Initial experiences of preventing local incision infection during sacral neuromodulation. Chinese. *Zhonghua Yi Xue Za Zhi* 2015 95(34):2787-2790 <http://www.ncbi.nlm.nih.gov/pubmed/26711979>