



November 2019 News

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SPREADING THE WORD

In October, Dr. North presented a WIKISTIM update abstract and manned a WIKISTIM tabletop exhibit at the NAPA Conference (Neuromodulation: The Science & NYC Neuromodulation). We are thinking about our friends in California who are threatened by the wildfires and hope that the situation resolves quickly. Our next abstract presentation will take place at the annual [NANS Conference](#) in January in Las Vegas.

IMPROVING OUR SEARCH CAPACITY

Our search engine now allows us to tag entries with keywords of our choice. This means that if a completed document has data on, for example, infection, we can tag the entry so that it will respond to a search on "infection." We will be doing this by hand until our improved data entry system becomes live. At that point, we'll be able to automate this process.

NOVEMBER 2019 STATISTICS

Most clicked PUBMED links during the past month from previous newsletters

1. Ahrweiller K, Houvenaghel JF, Riou A, Drapier S, Sauleau P, Haegelen C, Jannin P, Vérin M, Palard X, Le Jeune F. Postural instability and gait disorders after subthalamic nucleus deep brain stimulation in Parkinson's disease: a PET study. J Neurol 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31350641>
2. Anderson DJ, Kipke DR, Nagel SJ, Lempka SF, Machado AG, Holland MT, Gillies GT, Howard MA 3rd, Wilson S. Intradural spinal cord stimulation: performance modeling of a new modality. Front Neurosci 2019 epub 13:253 <https://www.ncbi.nlm.nih.gov/pubmed/30941012>
3. Fana M, Everett G, Fagan T, Mazzella M, Zahedi S, Clements JM. Procedural outcomes of deep brain stimulation (DBS) surgery in rural and urban patient population settings. J Clin Neurosci 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31492482>
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5. Alpaugh M, Saint-Pierre M, Dubois M, Aubé B, Arsenault D, Kriz J, Cicchetti A, Cicchetti F. A novel wireless brain stimulation device for long-term use in freely moving mice. Sci Rep 2019 9(1):6444 <https://www.ncbi.nlm.nih.gov/pubmed/31015544>

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7. Levy RM, Mekhail N, Kramer J, Poree L, Amirdelfan K, Grigsby E, Staats P, Burton AW, Burgher AH, Scowcroft J, Golovac S, Kapural L, Paicius R, Pope J, Samuel S, McRoberts WP, Schaufele M, Kent AR, Raza A, Deer TR. Therapy habituation at 12 months: spinal cord stimulation versus dorsal root ganglion stimulation for complex regional pain syndrome type I and II. J Pain 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31494275>
8. Al-Fatly B, Ewert S, Kübler D, Kroneberg D, Horn A, Kühn AA. Connectivity profile of thalamic deep brain stimulation to effectively treat essential tremor. Brain 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31377766>

Membership

In October, the number of our subscribers grew to 1109. Thank you for helping to spread the word!

Number of citations in each section

- DBS 5162, with 2 completed WIKISTIM abstracts
- DRG 116, with 9 completed WIKISTIM abstracts
- GES 490
- PNS 57 (limited to peripheral nerve field stimulation)
- SCS 2393, with 131 completed or partially completed WIKISTIM abstracts
- SNS 969

SUPPORT FOR WIKISTIM

The Neuromodulation Foundation is a non-profit charitable corporation with a paid staff of one person and almost no overhead costs. The Foundation supports WIKISTIM by seeking grants and donations and with income earned through appropriate consulting work. Please consider making a donation via PAYPAL using this [DONATE](#) link or by sending a check to The Neuromodulation Foundation, 117 East 25th Street, Baltimore, MD 21218. Please encourage institutional and corporate sponsors as well. We'd love to add your name and theirs to our list of financial supporters below!

Individual supporters in 2018-19

- Thomas Abell, MD
- Richard B. North, MD
- B. Todd Sitzman, MD, MPH

Industry support 2018-19

- Boston Scientific
- Medtronic
- Nevro
- Nuvectra

Nonprofit support

- The International Neuromodulation Society (publicity and conference registration)
- The Neuromodulation Foundation, Inc. (WIKISTIM's parent organization)
- The North American Neuromodulation Society (publicity, conference registration, grant)

CITATIONS ADDED FROM SEARCH ON OCTOBER 30, 2019

DBS

1. Baldermann JC, Hahn L, Dembek TA, Kohl S, Kuhn J, Visser-Vandewalle V, Horn A, Huys D. Weight change after striatal/capsule deep brain stimulation relates to connectivity to the bed nucleus of the stria terminalis and hypothalamus. *Brain Sci* 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31623328>
2. Bermudez C, Rodriguez W, Huo Y, Hainline AE, Li R, Shults R, D'Haese PD, Konrad PE, Dawant BM, Landman BA. Towards machine learning prediction of deep brain stimulation (DBS) intra-operative efficacy maps. *Proc SPIE Int Soc Opt Eng* 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31602087>
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4. Bouthour W, Béreau M, Kibleur A, Zacharia A, Tomkova Chaoui E, Fleury V, Benis D, Momjian S, Bally J, Lüscher C, Krack P, Burkhard PR. Dyskinesia-inducing lead contacts optimize outcome of subthalamic stimulation in Parkinson's disease. *Mov Disord* 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31571277>
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11. Dayal V, Grover T, Tripoliti E, Milabo C, Salazar M, Candelario-McKeown J, Athauda D, Zrinzo L, Akram H, Hariz M, Limousin P, Foltynie T. Short versus conventional pulse-width deep brain stimulation in Parkinson's disease: a randomized crossover comparison. *Mov Disord* 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/31571270>
12. Dec-Ćwiek M, Tutaj M, Pietraszko W, Libionka W, Krupa M, Moskała M, Rudzińska-Bar M, Słowik A, Pera J. Posterior subthalamic area deep brain stimulation for treatment of refractory Holmes tremor. *Stereotact Funct Neurosurg* 2019 epub:1-6 <https://www.ncbi.nlm.nih.gov/pubmed/31600751>
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DRG

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GES

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SCS

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SNS

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