



September 2015 News PLEASE FORWARD TO YOUR COLLEAGUES www.wikistim.org

THANK YOU!

In August, we received funding from one new and two continuing supporters. We thank NEVRO for joining the list of WIKISTIM supporters and both the NANS Foundation and Greatbatch for their continued support this year.

CURRENT STATUS

In August we continued our new subscriber record-breaking streak with 23 new subscribers, which is more than one per weekday. Our new total is 259, with 297 people receiving this newsletter. Please continue to encourage at least one colleague to register in September!

From August 2014 to August 2015, WIKISTIM registration grew from 106 to 259, the total number of citations from ~1500 to 4615, and the number of stimulation target sections from one to six. During this period, we have instituted the capacity to create a table from the list of citations and from search results and have received permission to offer CME credits for completion of data sheets.

September 1st citation numbers

- SCS 1805 (17 new)
- DBS PK or general 1234 (21 new)
- DBS OCD 103 (2 new)
- DBS Epilepsy 232 (5 new)
- SNS 720 (5 new)
- PNS 26 (list remains preliminary)
- DRG 30 (8 new)
- GES 465 (3 new)

PLANS FOR SEPTEMBER

In September, we will be applying for additional grant support, submitting abstracts for the December NANS meeting, uploading the GES section data sheet, and making it convenient for people to donate through PAYPAL directly from our home page. We also hope to continue quality improvements and fine-tune the process by which people can earn CME credits.

WIKISTIM OFFERS UNIQUE RESOURCES AND THE CHANCE TO EARN CME CREDITS

Curated citation lists

WIKISTIM is the *only* searchable source of neurostimulation citations curated by experts to list only publications that report primary data, including off-label studies and those missing from PUBMED. WIKISTIM citations are updated monthly and link to available PUBMED entries and, for those in *Neuromodulation: Technology at the Neural Interface*, to the publisher. In conjunction with WIKISTIM's customized free-text search capacity, this feature offers the best means available of obtaining the information and evidence needed to support practice decisions, respond to reimbursement challenges, etc., because. . .

- Search results obtained using non-specialized citation depositories (e.g., PubMed) are non-specific & insensitive (full of "noise"; incomplete).
- The literature is extensive, and access to a variety of journals is expensive & time-consuming.

- Meta-analyses, HTAs, “guidelines,” & literature reviews are not reproducible, can introduce stubborn mistakes into the canon, are immediately out-of-date, and only answer the authors’ specific questions (i.e., responds to the authors’ biases).

Customized data sheets

WIKISTIM is the *only* source of data sheets that comprise a large number (~200) of fields customized by experts in the fields of SCS, DRG, DBS, PNS, SNS, and GES (with more sections planned). These sheets support abstraction of primary data using narrative or numeric entries and offer an excellent way for our field to improve study design and the publication/dissemination of results.

- As a *preview* tool, the data sheets remind researchers and writers to include important information in studies and reports *before* peer review (thus, use of WIKISTIM data sheets can have a substantive positive effect on study design and, therefore, results).
- WIKISTIM data sheets are also useful aids to *peer review*.
- When viewed online, completed data sheets display all group headings and only the fields with data entered.
- When downloaded for offline viewing, completed data sheets display all groups and all fields (completed or blank) in tabular format.
- Because multiple data sheets can be downloaded into a single table, they are excellent tools for the *review* and comparison of results across studies.

CME credits

WIKISTIM offers the *only* opportunity for HCPs, *on their own initiative*,* to earn CME credits while simultaneously contributing to the field by completing WIKISTIM data sheets.

- Completion of WIKISTIM data sheets requires a careful and thorough examination of scientific reports.
- This activity helps and encourages those seeking CMEs to become familiar with the literature, with study design, etc.
- The completed data sheets can easily be assigned to CME categories (1- to 3-hours) based on their complexity.
- The CME activity can be completed anywhere.
- Completion of the data sheets requires the HCP’s attention, not just attendance.
- Completion of data sheets facilitates access to data in the field because they can be downloaded by anyone into a table to support rapid, up-to-date analysis and comparison.

*Some journals offer CME credit to HCPs who have been invited to conduct peer review.

Publication of poster PDFs

WIKISTIM is the *only* website that will publish poster PDFs. Often, of necessity due to space requirements, posters presented at scientific meetings are only published later in journals as text abstracts, without their illustrations. WIKISTIM will now publish online the complete PDFs of posters that were accepted by the INS and annual scientific meetings of regional INS chapters if the posters present primary data on SCS, PNS, SNS, GES, DBS, or DRG and if the authors also submit a completed WIKISTIM datasheet. Email wikistim@gmail.com for submission information.

Collaboration and communication

Through the WIKISTIM forum, users can submit suggestions of ways to improve WIKISTIM and participate in discussion of papers in a manner unlimited by time and space. The ultimate and most important result of the collaboration and communication made possible by WIKISTIM will be improved patient care.

FUTURE OF WIKISTIM

WIKISTIM takes full advantage of the capacity of the Internet by offering access to primary neurostimulation data in a format that is expandable in breadth (types of stimulation therapies) and depth (data extraction). Our goal is for WIKISTIM to list all reports containing primary clinical or experimental data and to extract all possible data from these reports.

As resources become available, we plan to:

- Include additional sections, with VNS next in line. This will broaden the scope of WIKISTIM.
- Optimize WIKISTIM for use on small screens.
- Incorporate software that will support a dynamic user experience (saving search results,

customizing the way the site behaves, etc.).

- Incorporate software that will present data graphically with instant updates as new values are added from completed data sheets.

HOW THE NEUROSTIMULATION COMMUNITY CAN HELP

- Spread the word about WIKISTIM. (Links to all past newsletters, FAQs, and an ABOUT page are available on the [home page](#) outside of the registration firewall.)
- Submit extracted data from published reports of your choice or use our datasheets as a guide when you write your paper and 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, 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).

SUPPORT

Fund-raising efforts

WIKISTIM remains free of charge, including the acquisition of CME credits, and keeping it that way remains our goal.

We continue to spend much of our time raising the \$150,000 per year we need for the continued development and support of WIKISTIM. Every minute devoted to fund-raising is time we would prefer to devote to WIKISTIM. In August, we increased the amount of time we spent consulting, even as we applied for a grant with a major device company and prepared for additional submissions. Grant support is essential because our consulting income is not sufficient to cover our budget.

When people understand the value of WIKISTIM, they are enthusiastic about what it offers now and the additional benefits it will provide as it expands in depth and scope. We have even had researchers ask about extrapolating the WIKISTIM model to other therapies.

If you can, please support WIKISTIM with a tax-deductible donation to The Neuromodulation Foundation, Inc. (a 501c(3) charitable organization). Donations of any amount are welcome and will be gratefully acknowledged.

If you work for a company in our field or have a relationship with an executive, please suggest that the company consider supporting WIKISTIM.

Financial support to date for 2015 (listed alphabetically by first name):

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

Ongoing in-kind support:

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

Financial support during 2014:

- Boston Scientific
- Greatbatch
- Medtronic
- The NANS Foundation
- Neurovations/Napa Pain Institute (conference registration and booth for publicity)
- St. Jude Medical

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Disclosure

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

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