



November 1, 2013

We are pleased to send you this inaugural issue of our WIKISTIM monthly newsletter. If you have already registered as a WIKISTIM user (at [www.wikistim.org](http://www.wikistim.org)), THANK YOU. If you have not yet registered, we encourage you to do so.

We hope you will continue to support WIKISTIM by:

- Completing and submitting datasheets
- Encouraging others to register and to submit completed datasheets
- Using our Discussion page to communicate with other WIKISTIM users

Since our launch on October 1st, we have uploaded more than 1000 datasheets containing citation information and PUBMED links for reports that provide SCS clinical data (involving human subjects, our initial focus) as well as 28 completely filled-in datasheets (these are listed in the WIKISTIM discussion forum). We have also made a number of improvements to the site.

As WIKISTIM becomes more densely populated with completed datasheets, its utility will increase exponentially. We plan on accomplishing this as quickly as possible.

To date, the Neuromodulation Foundation has invested in excess of \$100,000 to develop WIKISTIM. We obviously believe in this project, and we hope you will share our enthusiasm.

Below, we summarize the features of WIKISTIM, its value to various sectors of our community and to society at large, and its overall goals. We also provide two tables that detail the steps taken in the implementation phase of WIKISTIM development and the steps planned for the refinement and expansion phase.

We hope you will take a minute to review this material and that you will share it with other interested people.

Thank you,  
Jane Shipley and Richard B. North, M.D.  
The Neuromodulation Foundation, Inc.

**Features of WIKISTIM:**

- Searchable website populated with data from peer-reviewed published reports in the field of neuromodulation.
- Data can be abstracted into approximately 200 distinct categories.
- First stage is to categorize and present published SCS clinical (human) data.
- Links provided to PUBMED abstracts.
- Search results downloadable by users in cvs format to facilitate creation of tables that will allow comparisons, empowering users to do up-to-date, real-time meta-analysis.
- Users encouraged to upload data from published reports on forms that they can download for the purpose.
- Provides users with an on-line forum to discuss papers.

**Value of WIKISTIM:**

- To clinicians: provides evidence supporting therapeutic choices in order to 1) improve patient care and 2) ensure third party pre-authorization and reimbursement
- To researchers: provides answers to specific research questions, provides data to support evaluation of reported and proposed studies, reveals areas where additional research is needed, inspires and facilitates preparation of comprehensive research reports for publication
- To industry: provides evidence on and education about neuromodulation
- To patients: provides education to inform health care decisions
- To regulators: provides easy access to neuromodulation data
- To third-party payers: provides easy access to neuromodulation data

**Goals of WIKISTIM:**

- To provide information that will educate interested parties, improve patient care, aid in marketing and regulation of neuromodulation therapies, support reimbursement efforts, facilitate research, and inspire innovation
- To be an interactive platform where volunteers can submit data and all users are encouraged to suggest improvements and additional features and to participate in the WIKISTIM forum, which will facilitate communication about the published reports
- To strengthen the sense of community among people interested in neuromodulation
- To transform the publication of neuromodulation data from an endeavor with a single end-product to a process of communication and discovery that will extend the useful life of clinical reports

## WIKISTIM Implementation Schedule

### Phase I. Creation of WIKISTIM

Task	Goals	Status
Concept development	Refine concept	Complete
	Present in narrative form	Complete
Identify data categories	Choose initial fields	Complete (SCS clinical)
	Define initial fields	Complete (human data)
	Create list of data categories	Complete (nearly 200 searchable fields in 18 categories)
	Solicit feed-back	On-going
	Refine the choice of data categories and fields	On-going
Identify content sources	Search PUBMED & published bibliographies	On-going >1000 identified
	Acquire PDFs of published reports	On-going >1000 acquired
Design	Identify, hire, and work with designer (consultant)	Complete
Legal issues	Draft privacy policy and terms of use language, review and edit language suggested by attorney	Complete
Site creation and functionality	Create and register domain name	Complete
	Set up webhost	Complete
	Determine website structure	Complete
	Identify and hire website engineer (consultant)	Complete
	Work with website engineer	On-going
	Oversee incorporation of design	Complete
	Oversee identification, purchase, and customization of internal search engine	Complete (Google custom search feature)
	Oversee custom building of the site	Complete
Publicity	Oversee optimization for external search engine	Complete
	Create and submit abstracts and make presentations at 2012 NANS and 2013 INS	Complete
	Create list of people to contact for launch	Complete
	Draft paper for publication in Neuromodulation	Complete
	Submit paper for publication in Neuromodulation	Scheduled for Nov 2013
	Create and submit abstract for NANS 2013	Complete
	Present abstract at NANS 2013	Subject to acceptance
	Solicit free ad space from related professional association journals.	Scheduled for Jan 2014
Create and publish first newsletter	Sent Nov 1st 2013	
Develop content	Prepare datasheets for a sample of papers	28 completed by Nov 1, 2013
	Prepare and upload citation information (including PUBMED link) for all papers identified to date	1049 uploaded by Nov 1, 2013
	Review for corrections	On-going (completed 1 <sup>st</sup> round)
Beta Launch	October 1, 2013	Complete

**Phase II. Refinement and expansion of WIKISTIM (Phase III will comprise further improvements as they become apparent as well as maintenance)**

<b>Task</b>	<b>Goals</b>	<b>Human resources required</b>
Content development	Complete data entry on remaining >1000 identified SCS clinical papers	<ul style="list-style-type: none"> <li>Approximately one work year</li> <li>If submitted by volunteers, staff time reduced by 50% (still required for review)</li> </ul>
	Identify new SCS clinical papers, acquire PDFs, and upload citation information	Approximately one work day/month
Quality control	Monitor to correct errors	Staff person
Increase number of users	Continued publicity as described above	Staff person
Enrich WIKISTIM and the SCS Practice Parameters website	Link WIKISTIM entries to citations on <a href="http://www.neuromodfound.org">www.neuromodfound.org</a>	Approximately 10 work days
Quality improvement	Improve performance: <ul style="list-style-type: none"> <li>Provide automatic updates of saved search results</li> <li>Provide automatic updates of results of important searches predetermined by WIKISTIM (e.g., results of cervical SCS)</li> <li>Increase sophistication of interactivity and degree of individual tailoring to create a dynamic user experience</li> </ul>	Staff person & volunteers & consultant
	Improve output: <ul style="list-style-type: none"> <li>Incorporate cutting edge data visualization techniques</li> <li>Create tables that consolidate data from any number of reports</li> <li>Monitor and improve performance on various platforms (screen sizes, browser types, etc.)</li> </ul>	Staff person & consultant
Expand scope	To SCS experimental (animal studies and models)	Staff person & volunteers
	To additional therapies (DBS, PNS, DRG, PFNS)	Staff person & volunteers