



NEWSLETTER #140 June 2025 See [ABOUT](#) WIKISTIM

WIKI SCS Meta-Analysis

Working with our volunteer abstracters, we have substantially expanded our new spinal cord stimulation meta-analysis section this month with more detail, additional completed data fields, and new data management and export tools.

We originally based our work on the [Kleppel](#) paper published last year, which included 25 meta-analyses and 15 data fields. In December, we launched our new database with 47 meta-analyses and the same 15 data fields. Since then, we expanded the number of data fields to 65, which obviously allows us to present much more detail. Thanks to our volunteer abstracters, the 7 citations that we listed last month are now abstracted in the expanded format, and our users can now display each abstract as shown in [this example](#)

We also enhanced our export function with the addition of a "check all" option (for this section only), which allows our users and collaborators to download the entire meta-analysis database as a .csv file and manipulate it (e.g., sort columns and rows) in Excel or an equivalent program. Thus, WIKISTIM continues to conform to [the definition of "wiki"](#) as "a collaborative website whose content can be edited by anyone who has access."

We welcome suggestions and comments from our users, from simple edits to major features and functional changes, via our [Discussion section](#) or email to wikistim@gmail.com.

New Donations This Month!

This month, we have Terry Daglow and also BIOTRONIK NRO to thank for their generous donations. We continue to bring you WIKISTIM free from subscriptions or advertising, and we understand that when a resource is free, it is easy to forget that funds to support it must come from somewhere. Please ask yourself what you would pay for an annual subscription to this email and access to our website and donate

accordingly. Again, we thank all of our donors, listed below, and are happy to report our two new donations this month.



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Citations Added From Search on June 8, 2025

****NEW**** When PubMed started indexing certain papers before they had undergone peer review, we decided to also include them in WIKISTIM. Unfortunately, we have found that the definitive publications appear with changed titles. We see this when we update epubs, but since we are already making changes in the database in those entries, this isn't a problem. In the case of the pre-peer-reviewed articles, however, we are finding the new titles at the point of checking our monthly groups of new entries for duplicates. If we didn't remove the temporary citations, we would have two entries for the same study, which isn't good practice. (A friend suggested that the journals are changing the titles because they don't want people to realize that a free version of the article exists through the old title on PubMed--this theory was supported in the few we checked where the definitive publications haven't been free.) We decided, therefore, to list all of the pre-peer-review papers for all stimulation targets that we find each month together in this newsletter (see the last group of citations). We will include them in the appropriate database and list them in this newsletter with their new citation information when/if a definitive publication appears.

Whenever possible, we provide free full-text links. In most cases, we link directly to a PDF. In a few cases, our Free Full Text link points instead to a link leading to the PDF because clicking the PDF link causes an immediate download. We also do this in cases where the URL has a "watermark" or is ridiculously long.

Please remember to click "View Entire Message" in our email to see all of the citation lists in this newsletter.

We list correction citations only if the error was substantial. For small changes, such as a missing initial in an author's name, we simply update the WIKISTIM database.

Deep Brain Stimulation (now 9071 citations)

1. Al-Jaberi F, Moeskes M, Skalej M, Fachet M, Hoeschen C. **Image fusion of high-resolution DynaCT and T2-weighted MRI for image-guided programming of dDBS.** Brain Sci 2025 15(5):521 [PubMed](#) [Free Full Text](#)
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9. Cole RC, Ging-Jehli NR, Vivanco Suarez J, Greenlee JD, Wessel JR, Espinoza AI, Zhang J, Cavanagh JF, Narayanan NS. **Theta-frequency subthalamic nucleus stimulation increases decision threshold.** Brain Stimul 2025 18(4):1021-1027 [PubMed](#) [Free Full Text](#)
10. David N, Factor SA, Tripathi R, Higginbotham L. **The persistence of dopamine dysregulation syndrome after pallidal deep brain stimulation in Parkinson's disease.** Mov Disord Clin Pract 2025 epub [PubMed](#) [Free Full Text](#)
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Dorsal Root Ganglion Stimulation (now 303 citations)

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Gastric Electrical Stimulation (still 531 citations)

Meta-Analysis (now 57 citations)

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Peripheral Nerve Stimulation (now 917 citations)

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Sacral Nerve Stimulation (now 1307 citations)

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7. Rotenberg A, Lavelle K, Magistro Nadler R, Gunning M, Kiss ZHT, Illes J. **Infringement of neuromodulation patents (2000-2024).** Neuromodulation 2025 epub [PubMed](#)

Spinal Cord Stimulation (now 3561 citations)

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Contact

The Neuromodulation Foundation, Inc.

822 Guilford Avenue #102

Baltimore, MD 21202

wikistim@gmail.com