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FROM ONE YEAR TO THE NEXT

From One Year to the Next

A year into the pandemic caused by SARS-CoV-2, our inability to control spread of COVID-19 has changed our lives. This virus has exploited and, thus, exposed cracks in health care and health insurance systems as well the adverse impact of societal inequities on physical well-being. Even as the virus is reinventing itself through mutation, it is also driving changes in our daily life—dictating our behavior and creating a new-normal, some elements of which will likely persevere.

By this time, we can all name a friend or relative who has contracted COVID-19 and recovered or died. We are sad to add to this list by reporting that on February 21st, we lost a giant in neuromodulation research, Dr. Jan Holsheimer, to COVID-19. Dr. Holsheimer, who was born in October 1941, devoted his life to research meant to improve the lives of others. Lists of his publications and patents are readily available online and serve as witnesses to his success in meeting this goal. He leaves his wife, children, and grandchildren and all of us who had the great fortune of working with him or simply encountering him at a meeting and recognizing that his formidable intellect was matched by humility and kindness.

Other projects of The Neuromodulation Foundation

A collaboration we were happy to join with IMMPACT, ION, and the INS has culminated in publication of a paper presenting important considerations for the design of RCTs of SCS for pain. At this time, the paper is only available online in "accepted manuscript" format, but we expect to see the definitive version in the near future.

We are also working with ION to create a series of glossaries. We first published an SCS glossary in 2007, which remains online. Our working group plans to create and publish versions of the glossary that will be appropriate and helpful in various contexts.

Along those lines, as we reported several months ago, we continue to work on our update of the SCS Practice Parameters, which will be transformed into a Practice Guide that will add peripheral nerve and dorsal root ganglion stimulation and will include different types of pain. (The previous edition was devoted to neuropathic pain.) This important effort that involves several co-authors and will require months of work.

MEMBERSHIP
In February, the number of our subscribers grew to 1432. Thank you for helping to spread the word!

CITATIONS ADDED FEBRUARY 25, 2021 (if necessary, please click "View Entire Message")

Deep Brain Stimulation (now 6070 citations, with 2 completed WIKISTIM abstracts)

1. Almahariq F, Sedmak G, Vuletić V, Dlaka D, Orešković D, Marčinković P, Raguž M, Chudy D. The accuracy of direct targeting using fusion of MR and CT imaging for deep brain stimulation of the subthalamic nucleus in patients with Parkinson's disease. J Neurol Surg A Cent Eur Neurosurg 2021 epub PUBMED
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Dorsal Root Ganglion Stimulation (now 163 citations, with 9 completed WIKISTIM abstracts)

1. Chapman KB, Kloosterman J, Schor JA, Girardi GE, van Helmond N, Yousef TA. Objective improvements in peripheral arterial disease from dorsal root ganglion stimulation: a case series. Ann Vasc Surg 2021 epub PUBMED
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3. Hagedorn JM, McArdle I, D'Souza RS, Yadav A, Engle AM, Deer TR. Effect of patient characteristics on clinical outcomes more than 12 months following dorsal root ganglion stimulation implantation: a retrospective review. Neuromodulation 2021 epub PUBMED Full Text
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Gastric Electrical Stimulation (still 507 citations—no additions this month)

Peripheral Nerve Stimulation (now 486 citations, with 6 completed WIKISTIM abstracts)

1. Deer TR, Gilmore CA, Desai MJ, Li SC, DePalma MJ, Hopkins TJ, Burgher AH, Spinner DA, Cohen SP, McGee MJ, Boggs JW. Percutaneous peripheral nerve stimulation of the medial branch nerves for the treatment of chronic axial back pain in patients after radiofrequency ablation. Pain Med 2021 epub pnaa432 PUBMED Free Full Text

Spinal Cord Stimulation (now 2701 citations, with 133 completed or partially completed WIKISTIM abstracts)

1. Chapman KB, Kloosterman J, Schor JA, Girardi GE, van Helmond N, Yousef TA. Objective improvements in peripheral arterial disease from dorsal root ganglion stimulation: a case series. Ann Vasc Surg 2021 epub PUBMED
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Sayenko DG, Lavrov IA, Thoreson AR, Grahn PJ, Zhao KD. Alterations of spinal epidural stimulation-enabled stepping by descending intentional motor commands and proprioceptive inputs in humans with spinal cord injury. Front Syst Neurosci 2021 14:590231 PUBMED Free Full Text

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14. Paterson A, Kumaria A, Sitaraman M, Sabbubeh T, Ingale H, Basu S. Dissection using pulsed radiofrequency energy device (PlasmaBlade) is safe and efficient in experimental revision neuromodulation implant surgery. Br J Neurosurg 2021 epub 1-8 PUBMED
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Sacral Nerve Stimulation (now 1069 citations)

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We welcome and acknowledge all donations. While we aren't operating at the level where we can afford to collect donations via credit cards, the PAYPAL option on the DONATE page is available for your convenience, or you may, of course, ask your bank to send a check to The Neuromodulation Foundation, Inc., 117 East 25th Street, Baltimore, MD 21218.

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- The Neuromodulation Foundation, Inc. (WIKISTIM's parent organization)

Disclosure

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

A reminder about personal information

We never share our registrants' personal information or email addresses.

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