

## Repetitive transcranial magnetic stimulation of the primary motor cortex for chronic neuropathic pain

Many studies have demonstrated the efficacy of [spinal cord stimulation](#) (SCS) for chronic neuropathic radicular pain over recent decades, but despite global favourable outcomes in failed back surgery syndrome (FBSS) with leg pain, the back pain component remains poorly controlled by neurostimulation. Technological and scientific progress has led to the development of new SCS leads, comprising a multicolumn design and a greater number of contacts. The efficacy of multicolumn SCS lead configurations for the treatment of the back pain component of FBSS has recently been suggested by pilot studies. However, a randomized controlled trial must be conducted to confirm the efficacy of new generation multicolumn SCS. Évaluation médico-économique de la STimulation MEDullaire mulTi-colonnes (ESTIMET) is a multicentre, randomized study designed to compare the clinical efficacy and health economics aspects of mono- vs. multicolumn SCS lead programming in FBSS patients with radicular pain and significant back pain <sup>1)</sup>.

<sup>1)</sup>

Roulaud M, Durand-Zaleski I, Ingrand P, Serrie A, Diallo B, Peruzzi P, Hieu PD, Voirin J, Raoul S, Page P, Fontaine D, Lantéri-Minet M, Blond S, Buisset N, Cuny E, Cadenne M, Caire F, Ranoux D, Mertens P, Naous H, Simon E, Emery E, Gadan B, Regis J, Sol JC, Béraud G, Debiais F, Durand G, Guetarni Ging F, Prévost A, Brandet C, Monlezun O, Delmotte A, d'Houtaud S, Bataille B, Rigoard P. Multicolumn spinal cord stimulation for significant low back pain in failed back surgery syndrome: Design of a national, multicentre, randomized, controlled health economics trial (ESTIMET Study). *Neurochirurgie*. 2014 Nov 20. pii: S0028-3770(14)00261-6. doi: 10.1016/j.neuchi.2014.10.105. [Epub ahead of print] PubMed PMID: 25456442.

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Last update: **2024/06/07 02:54**

