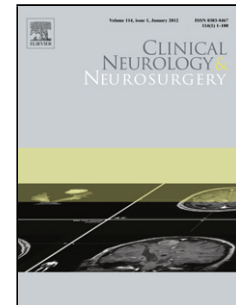


## Accepted Manuscript

Title: A Systematic and Quantitative Evaluation of Plantar Stimulation: The effect of type, pattern, force of stimulation in eliciting an accurate plantar response

Authors: Khadilkar Satish V., Chheda Akash H.



PII: S0303-8467(18)30097-0  
DOI: <https://doi.org/10.1016/j.clineuro.2018.03.002>  
Reference: CLINEU 4957

To appear in: *Clinical Neurology and Neurosurgery*

Received date: 25-11-2017  
Revised date: 30-1-2018  
Accepted date: 1-3-2018

Please cite this article as: Khadilkar SV, Chheda AH, A Systematic and Quantitative Evaluation of Plantar Stimulation: The effect of type, pattern, force of stimulation in eliciting an accurate plantar response, *Clinical Neurology and Neurosurgery* (2010), <https://doi.org/10.1016/j.clineuro.2018.03.002>

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# **A Systematic and Quantitative Evaluation of Plantar Stimulation: The effect of type, pattern, force of stimulation in eliciting an accurate plantar response.**

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## **Highlights**

- Responses to stimulation of sole were studied systematically using a special instrument.
- Force of stimulation does not affect the plantar response
- Concept of sensitivity introduced and parameters described
- Extensor responses are reproducible whereas withdrawal responses are not.
- Normal leg plantar examination must precede the affected leg in hemiparetic patients.

## **Abstract**

**Objectives:** Systematic and quantitative evaluation of the plantar reflex has been infrequently studied in the past and can help assess the vexing variables encountered in its elicitation. The objective of this study was to determine the effect of type, pattern and force of stimulation in eliciting an accurate plantar response in patients with pyramidal dysfunction and healthy individuals.

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