

Harmony Medical

Information Sheet: TSEA programs and parameters

Traditional and Scientific approach to Electro-Acupuncture
according to Peter De Vilder and Lieven Wauters

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TSEA Name	Parameters	Applications
Standard high frequency	80 Hz, 180 μ s, 20 min.	For non opioid pain treatment
Standard low frequency	2 Hz, 180 μ s, 20 min.	For optoid pain treatment
Sensitive high frequency	80 Hz, 60 μ s, 20 min.	Pain treatment in sensitive regions, e.g. face, scalp
Burst sensitive	100 Hz, (60 μ s) impulse packages for 0.25 second, then 0.25 second pause (2 Hz), 20 min.	Pain treatment in sensitive region, e.g. face, scalp
Frequency modulation	20 \leftrightarrow 100 Hz in 8 s, 180 μ s, 20 min.	Alternative to TSEA standard high frequency to avoid accommodation.
Hypertonic	100 Hz, 300 μ s, 20 min.	For spastic muscles, contractions of the muscles
Edemas	4 Hz, 180 μ s, 20 min.	
Energetic tonification (after TSEA)	3 sequences: Seq. 1: 2 Hz 180 μ s, 7 min. Seq. 2: 4 Hz 180 μ s, 7 min. Seq. 3: 6 Hz 180 μ s, 7 min. 21 min in total	
Energetic sedation (after TSEA)	3 sequences: Seq. 1: 80 Hz 180 μ s, 5 min. Seq. 2: 100 Hz 180 μ s, 5 min. Seq. 3: 120 Hz 180 μ s, 5 min. 15 min in total	

Abstracted from AS SUPER 4 digital electrical needle stimulator Instruction Manual, schwa-medico

AS SUPER 4 digital electrical needle stimulator is TSEA programs enabled

[AS SUPER 4 digital electrical needle stimulator](#) is available from [Harmony Medical](#)

Other useful readings:

[Electroacupuncture: A practical manual and resource by David Mayor](#)

[Electrotherapy: Evidence Based Practice 12th Edition](#)