Supplementary Material

Efficacy of Rebox electrotherapy in pain management: A randomized double-blind sham-controlled crossover trial

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Safety and tolerability data

A) Safety

Active stimulation		
Side effect	**Number of sessions (total N=566)**	**% of total sessions**
None	502	88.7
Pain at treatment site (mild)	15	2.7
Pain at treatment site (moderate)	18	3.2
Pain at treatment site (severe)[a]	3	0.5
Local erythema	28	4.9
Other	0	0.0
Missing data	2	-
Sham stimulation		
Side effect	**Number of sessions (total N=567)**	**% of total sessions**
None	545	96.2
Pain at treatment site (mild)	3	0.5
Pain at treatment site (moderate)	5	0.8
Pain at treatment site (severe)	0	0.0
Local erythema	14	2.5
Other	0	0.0
Missing data	1	-

a. Severe pain during application was observed in three sessions in total in two female patients. However, the pain was not a reason for the early cessation of the session.

B) Tolerability

Active stimulation		
Tolerability assessment	**Number of sessions (total N=566)**	**% of total sessions**
Perfect	416	73.5
Good	98	17.3
Bearable	48	8.5
Poor[b]	3	0.5
Fully unbearable[b]	1	0.2
Missing data	2	-
Sham stimulation		
Tolerability assessment	**Number of sessions (total N=567)**	**% of total sessions**
Perfect	445	78.5
Good	93	16.4
Bearable	29	5.1
Poor	0	0.0
Fully unbearable	0	0.0
Missing data	1	-

b. Across three different patients and four sessions, tolerability was lower than acceptable. One patient rated one session as poor and another session as fully unbearable. In all cases, the issue was painful contact between the electrode tip and the skin at the application site. However, in none of the cases did this pain lead to the early cessation of the session or withdrawal from the study.