

Table SI. Post-intervention questionnaire for participants: walking experience with functional electrical stimulation and the electrical stimulation suit (Teslasuit); translated by researcher

Question	Answer options	Scale range / notes	Median score	Key findings
<i>Questions about the electrical stimulation</i>				
How did the electrical stimulation feel while walking?	Very comfortable / A little comfortable / Neither comfortable nor uncomfortable / A little uncomfortable / Very uncomfortable	Scale: 1 (very uncomfortable) – 5 (very comfortable)	3/5	"A little uncomfortable" was the most common response
Did the electrical stimulation help while walking?	Yes, definitely helped/ Yes, helped a little bit / I don't know / No, I don't think so / No, not at all	Scale: 1 (Yes, definitely helped) – 5 (No, not at all)	2/5	3 participants said walking with FES "Helped a little" and 2 participants said it "Definitely helped"
What positive effects do you notice from using electrical stimulation while walking?	Open-ended	N/A	N/A	Reduced foot dragging, increased walking speed, easier movement, better leg lifting
What negative effects do you notice from using electrical stimulation while walking?	Open-ended	N/A	N/A	Mild discomfort, temporary muscle pain, fatigue after training session
How satisfied are you with the use of electrical stimulation while walking?	N/A	Scale: 0 (not satisfied at all) – 10 (very satisfied)	7/11	Overall satisfaction was high
Did you experience any side effects during/after walking with electrical stimulation?	Red and/or irritated skin / Muscle soreness / Painful and/or uncomfortable feeling / Spasms / Fatigue / Something else	Multiple responses allowed	N/A	100% experienced temporary skin redness Muscle soreness and fatigue (especially in first two weeks)
How long did you experience red	Open-ended	N/A	N/A	Skin redness: maximally 1,5 hours

skin/muscle pain/uncomfortable feeling/spasms/fatigue after walking with stimulation?				Muscle pain and fatigue: until the end of the day
How often would you like to walk with electrical stimulation per week?	Not at all / 1–2 times per week / 3–4 times per week / 5 times or more per week	Scale: 1 (Not) – 4 (5 or more times per week)	2/4	2–3 sessions per week preferred
How long would you like to walk with electrical stimulation during a training session?	0–15 minutes / 15–30 minutes / 30–45 minutes / 45–60 minutes / Longer than 60 minutes	Scale: 1 (0-15 minutes) – 5 (Longer than 60 minutes)	3/5	30–45 min per session preferred
<i>Questions about the electrical stimulation suit (Teslasuit)</i>				
How did you experience putting on the Teslasuit?	Very easy / A little easy / Neutral / A little difficult / Very difficult	Scale: 1 (very easy) – 5 (very difficult)	2/5	“Moderately easy” was the most common response
How did you experience taking off the Teslasuit?	Very easy / A little easy / Neutral / A little difficult / Very difficult	Scale: 1 (very easy) – 5 (very difficult)	1/5	“Very easy” was the most common response
Would you like to continue the walking training with FES (the Teslasuit)?	Yes / No	N/A	N/A	All participants wanted to continue
Do you have any suggestions/comments for improving the Teslasuit and/or the use of the Teslasuit?	Open-ended	N/A	N/A	
<i>Additional Feasibility Measures</i>				
Sessions affected by technical issues	N/A	N/A	N/A	15/94 sessions affected; common technical issues were IMU problems (7), connection issues (6), and zipper failures (2)