

Table: Outcomes reported in 13 RCTs of NMES in critically ill patients

Type of Outcome	Number of trials reporting (n=13)	Number of outcomes (n=33)
Body Structure, n (%)	11 (85)	11 (33)
Biochemical/physiological measures	5 (38)	6 (18)
Muscle size	5 (38)	4 (12)
Muscle structure on biopsy	2 (15)	1 (3)
Body Function, n (%)	7 (54)	7 (21)
Muscle strength	7 (54)	4 (12)
Need for mechanical ventilation	2 (15)	3 (9)
Activity, n (%) (e.g. Transfer to chair, stand or walk, 6 min walk)	2 (15)	3 (9)
Participation, n (%) (e.g. return to work)	0 (0)	0 (0)
Safety, n (%)	6 (46)	7 (21)
Physiological (e.g. vital sign changes)	3 (23)	4 (12)
Biochemical (e.g. CK, myoglobin changes)	1 (8)	2 (6)
Other adverse effects	1 (8)	1 (3)
Feasibility, n (%)	5 (38)	2 (6)
Participants tolerated or refused treatments	4 (31)	1 (3)
Proportion of planned treatments administered	1 (8)	1 (3)
Other, n (%)	5 (38)	3 (9)
ICU length of stay	3 (23)	1 (3)
Deep vein thrombosis	1 (8)	1 (3)
Interference with ICU monitors	1 (8)	1 (3)

Legend for Table: This table outlines the types of outcomes reported by each NMES study, and total number of outcomes reported across NMES studies. In total, 13 RCTs reported 33 different outcome measures.