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Appendix

List of the excluded studies found during the systematic search with the reason of exclusion.

Table A1: Excluded RCT studies

Study	Reason for Exclusion
[Daly et al., 2005][45]	Control group received functional neuromuscular stimulation.
[Hesse et al., 2005][46]	Control group received electromyography-initiated electrical stimulation.
[Kutner et al., 2010][47]	Control group received Repetitive Task Practice.
[Takahashi et al., 2008][48]	Two groups differed according to the dose of active robotic assistance.

Table A2: Excluded review studies

Study	Reason for Exclusion
[Brewer et al., 2007][49]	Review Study
[Fasoli et al., 2004][50]	Review Study
[Hesse et al., 2008][51]	Review Study
[Kahn et al., 2006][52]	Review Study
[Krebs et al., 2000][53]	Review Study
[Krebs et al., 2002][54]	Review Study
[Krebs et al., 2007][55]	Review Study
[Kwakkel et al., 2008][20]	Review Study
[Langhorne et al., 2009][56]	Review Study
[Mehrholz et al., 2008][57]	Review Study
[Mehrholz et al., 2009][58]	Summary of [Mehrholz et al., 2008][57]
[Oujamaa et al., 2009][59]	Review Study
[Platz, 2003][60]	Review Study
[Prange et al., 2006][61]	Review Study

Table A3: Excluded for other reasons

Study	Reason for Exclusion
[Casadio et al., 2009][62]	Pre-post design, no appropriate control group
[Colombo et al., 2005][63]	Comparing two robotic devices
[Dobkin, 2009][64]	Not a clinical trial, Recommendations for future research
[Ellis et al., 2009][65]	Robotic device is not used as therapeutic tool
[Hu et al., 2009][66]	Comparing two robotic devices
[Mayr et al., 2008][67]	Cross-over design, comparing Robot Therapy with EMG-triggered neuromuscular electrical stimulation
[Patton et al., 2006][68]	Pre-post design, no control group
[Stein et al., 2004][69]	Comparing two robot-assisted techniques for therapy

Table A4: Excluded preliminary results of the included RCT studies or related to them

Study	Reason for Exclusion
[Burgar et al., 2000][70]	Preliminary results of [Lum et al., 2002][32]
[Fasoli et al., 2004][71]	Same data as [Volpe et al., 2000][37], focusing on length of inpatient rehabilitation
[Housman et al., 2007][72]	Preliminary results of [Housman et al., 2009][29]
[Lo et al., 2009][73]	Preliminary results of [Lo et al., 2010][34]
[Masiero et al., 2006][74]	Preliminary results of [Masiero, Celia et al., 2007][33]
[Masiero et al., 2007][75]	Preliminary results of [Masiero, Celia et al., 2007][33]

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