

S8. Features of the orthoses' control system of inserted patents.

Author (s)	Control strategy (imagetic, ex.)	Cue type or go signal	Supporting feedback	Control type and action
Schweighofer et al., 2010	-	Reception sensor	Sound and light feedbacks	Reaching, grasping, manipulation
Murguialday et al., 2016	-	EMG	-	F/ E
Tang et al., 2017	Mental imagery	EEG	Not Applied	F/ E
Murguialday et al., 2019	-	EMG and FES	Visual and auditory cues to the patient with instructions	Moving from a first position to a target position, and then grasping

Abbreviations: E = Extension; EEG = Electroencephalography; EMG = Electromyography; F = Flexion; FES = Functional Electrical Stimulation; PNF: Proprioceptive Neuromuscular Facilitation; - = Not Informed.