SUPPLEMENTARY DIGITAL MATERIAL 1

Supplementary Table I.—Characteristics of the included study.

Authors	Title	Total N. included studies (N. participants)	Population	Setting	Intervention	Control	Outcome	Outcome Measurements	N. studies (N. participants)	Effect	GRADE
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral interventions	Limited, usual or no treatment	Functional	Death or dependency, death or disability (end intervention)	2 (306)	No effect	MODERATE
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Swallowing therapy	No swallowing therapy	Survival	Case fatality (end intervention)	14 (766)	No effect	MODERATE
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral interventions	Limited, usual or no treatment	Survival	Case fatality (end intervention)	2 (306)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Drug therapy	None or placebo	Survival	Case fatality (end intervention)	3 (148)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	Survival	Case fatality (end intervention)	4 (215)	No effect	NR

	subacute stroke											
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Physical stimulation (thermal, tactile)	Limited, usual, or no treatment	Survival	Case fatality (end intervention)	1 (19)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	TMS	None or sham stimulation	Survival	Case fatality (end intervention)	4 (78)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Swallowing therapy	No swallowing therapy	NR	Length of inpatient stay (days)	8 (577)	Favor intervention	MODERATE
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral interventions	Limited, usual, or no treatment	NR	Length of inpatient stay (days)	4 (370)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	NR	Length of inpatient stay (days)	4 (207)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute	41 (2660)	Patients with acute and	Hospital	Swallowing therapy	No swallowing therapy	Dysphagia	Proportion of participants with dysphagia (end of trial)	23 (1487)	Favor intervention	LOW

	and subacute stroke		subacute stroke								
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Acupuncture	No acupuncture or routine acupuncture or sham acupuncture	Dysphagia	Proportion of participants with dysphagia (end of trial)	8 (676)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral intervention	Limited, usual, or no treatment	Dysphagia	Proportion of participants with dysphagia (end of trial)	6 (511)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Drug therapy	None or placebo	Dysphagia	Proportion of participants with dysphagia (end of trial)	1 (17)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	NEMS	None or sham stimulation	Dysphagia	Proportion of participants with dysphagia (end of trial)	2 (76)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	Dysphagia	Proportion of participants with dysphagia (end of trial)	3 (66)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia	41 (2660)	Patients with acute and	Hospital	Physical stimulation	Limited, usual, or no treatment	Dysphagia	Proportion of participants with	2 (127)	No effect	NR

	in acute and subacute stroke		subacute stroke		(thermal, tactile)			dysphagia (end of trial)			
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	tDCS	None or sham stimulation	Dysphagia	Proportion of participants with dysphagia (end of trial)	1 (14)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Swallowing therapy	No swallowing therapy	Dysphagia	Swallowing ability	26 (1173)	Favor intervention	VERY LOW
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Acupuncture	No acupuncture or routine acupuncture or sham acupuncture	Dysphagia	Swallowing ability	6 (496)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral intervention	Limited, usual, or no treatment	Dysphagia	Swallowing ability	3 (121)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Drug therapy	None or placebo	Dysphagia	Swallowing ability	1 (71)	No effect	NR
Bath 2018	Swallowing therapy for	41 (2660)	Patients with acute	Hospital	NMES	None or sham stimulation	Dysphagia	Swallowing ability	2 (100)	No effect	NR

	dysphagia in acute and subacute stroke		and subacute stroke									
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	Dysphagia	Swallowing ability	3 (194)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Physical stimulation (thermal, tactile)	Limited, usual, or no treatment	Dysphagia	Swallowing ability	1 (16)	No effect	LOW
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	tDCS	None or sham therapy	Dysphagia	Swallowing ability	2 (34)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	TMS	None or sham therapy	Dysphagia	Swallowing ability	8 (141)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Swallowing therapy	No swallowing therapy	Dysphagia	Penetration aspiration score	11 (303)	Favor intervention	LOW

Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral intervention	Limited, usual, or no treatment	Dysphagia	Penetration aspiration score	1 (27)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	NMES	None or sham stimulation	Dysphagia	Penetration aspiration score	1 (18)	No effect	VERY LOW
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	Dysphagia	Penetration aspiration score	4 (177)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	TMS	None or sham stimulation	Dysphagia	Penetration aspiration score	5 (81)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Swallowing therapy	No swallowing therapy	NR	Chest infection or pneumonia	9 (618)	Favor intervention	VERY LOW
Bath 2018	Swallowing therapy for dysphagia in acute and	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioural interventions	Limited, usual, or no treatment	NR	Chest infection or pneumonia	6 (473)	No effect	NR

	subacute stroke										
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Drug therapy	None or placebo	NR	Chest infection or pneumonia	1 (60)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Neuromuscular electrical stimulation	None or sham stimulation	NR	Chest infection or pneumonia	1 (57)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	NR	Chest infection or pneumonia	1 (28)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Swallowing therapy	No swallowing therapy	Dysphagia	Pharyngeal transit time (seconds)	6 (187)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Drug therapy	None or placebo	Dysphagia	Pharyngeal transit time (seconds)	1 (17)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute	41 (2660)	Patients with acute and	Hospital	NMES	None or sham stimulation	Dysphagia	Pharyngeal transit time (seconds)	3 (126)	Favor intervention	NR

	and subacute stroke		subacute stroke								
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	Dysphagia	Pharyngeal transit time (seconds)	1 (28)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Physical stimulation (thermal, tactile)	Limited, usual, or no treatment	Dysphagia	Pharyngeal transit time (seconds)	1 (16)	Favor intervention	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Swallowing therapy	No swallowing therapy	NR	Institutionalisation	3 (447)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral interventions	Limited, usual, or no treatment	NR	Institutionalisation	2 (306)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	NR	Institutionalisation	1 (141)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia	41 (2660)	Patients with acute and	Hospital	Swallowing therapy	No swallowing therapy	NR	Nutritional (albumin)	3 (169)	No effect	NR

	in acute and subacute stroke		subacute stroke								
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Behavioral interventions	Limited, usual, or no treatment	NR	Nutritional (albumin)	2 (64)	No effect	NR
Bath 2018	Swallowing therapy for dysphagia in acute and subacute stroke	41 (2660)	Patients with acute and subacute stroke	Hospital	Pharyngeal electrical stimulation	None or sham stimulation	NR	Nutritional (albumin)	1 (105)	No effect	NR

NR=not reported; TMS=transcranial magnetic stimulation; NMES=neuromuscular electrical stimulation; tDCS=transcranial direct electrical stimulation.