

STUDY ID		Study ID	Bailey	Nooijen	Postma	Sonenblum	Kawasaki	Kooner	Wecht	Wecht	
		Study ID	1	2	3	4	5	6	7	8	
		Year	2020	2015	2020	2016	2012	1988	2006	2009	
DEMOGRAPHIC INFORMATION	n	sample (n)	14	37	47	28	11	12	18	5	
		female (n)	8	5	22	6	0	0	0	0	
		female (n, %)	57.14	13.51	46.81	21.43	0.00	0.00	0.00	0.00	
	AGE	age (mean)	51		54.5	41	32.7			39	40
		age (median)		44							
		age (SD)			12.9	12				7.5	10
		age (95 CI)	9								
		age (SEM)					2.1				
		age (IQR low)		30							
		age (IQR high)		56							
	BODY MASS / BMI	BMI								25.9	25.6
		BMI (SD)								6.4	6.7
		Body Mass (kg)	87.9				61.3			83	78
		Body Mass (kg, SD)								25	23
		Body Mass (kg, CI)	22.7								
		Body Mass (kg, SEM)						3.2			
Body Mass (lb)						175					
	Body Mass (lb, SD)				45						
DESCRIPTION	General Study Category	Physiological, Psychological	Psychological, Behavioural	Behavioural	Behavioural	Physiological	Physiological	Physiological	Physiological	Physiological	
	Comparison	Uninterrupted sitting v. Interrupted sitting	Relations of SB with ESE	SB changes over time after Rehabilitation	Sitting Behaviour, Including PR and WS	2 h of sitting after 2 h of exercise	People w/ Tetraplegia, Sitting v. Recumbency	Fit v. Unfit People with SCI Recovering from Exercise	Placebo Injection, supine (HUT, less sig.)		

PHYSIOLOGICAL OUTCOMES	Significance		Significance		Significance	
	Significant	NS	Significant	NS	Significant	NS
Postprandial Glucose iAUC	Significant					
Postprandial Glucose tAUC	Significant					
Postprandial Insulin iAUC	NS					
Postprandial Insulin tAUC	NS					
Postprandial Triglyceride iAUC	NS					
Postprandial Triglyceride tAUC	NS					
Blood Glucose iAUC	NS					
Blood Glucose tAUC	NS					
Plasma insulin iAUC	NS					
Plasma Insulin tAUC	NS					
Triglyceride iAUC	NS					
Triglyceride tAUC	NS					
Mean Arterial Pressure	NS					
Systolic Blood Pressure	NS		NS	Significant		Significant
Diastolic Blood Pressure	NS		NS	Significant		Significant
Plasma Albumin Post-Exercise			Significant			
Total Protein Post-Exercise			Significant			
Fluid Changes after in response to exercise and resting			NS*			
Plasma Sodium			NS			
Plasma osmolality			Significant			
Urinary Volume			NS	NS		
Urinary Sodium Excretion				NS		
Urinary potassium excretion				Significant		
Plasma Renin Activity				NS		Significant
Plasma Aldosterone				NS		Significant
Heart Rate				Significant		

	Vagal Recovery from Exercise Combined Autonomic Control Sympathovagal Balance HR Recovery from Exercise							Significant Group Main Effect	Significant
								Significant Significant	
		NS						NS	
PSYCHOLOGICAL	National Well-being Measurement	NS							
	Warwick Edinburgh Mental Well-Being Scale	NS							
	Short Positive and Negative Affect Scale	Significant							
	Schwarzer and Renner Physical Exercise Self-Efficacy Scale	NS	NS						
	Fatigue (Visual Analogue Scale)	NS							
	SB x ESE		NS						
	Motility x ESE		NS						
	PA x ESE		Significant						
BEHAVIOURAL	Sedentary Day-Time hr/ day		1.55						
	Motility (g)		16.2						
	Wheeled PA hr / day		1.12						
	Sedentary Time @ Discharge hr / day			12.2066667					
	Sedentary Time 6 months after Discharge hr / day			11.0466667					
	Sedentary Time 12 months after Discharge hr / day			11.0833333					

Prolonged SB >30 min hours / day @ discharge		7.59		
Prolonged SB >30 min hours / day 6 mos after discharge		7.105		
Prolonged SB >30 min hours / day 12 mos discharge		7.003333333		
% of people who transfer to a recliner/couch			75%	
Avg. Time in chair (h)			10.6	
Mean transfers out of chair			8.4	
Mean PR / hr of occupancy			0.4	
Mean WS frequency /hr of occupancy			2.4	
Average upright sitting segment without PR or WS (mins)			140.0	
Ambulation Level x SB		Significant		
Age at Discharge x. SB		Approaching Significance		
Time since Injury x SB		NS		
Interaction time since injury x time (discharge to 6 mos) x SB		Significant		
Interaction lesion level x time since discharge x SB		NS		