

Supplementary Materials:

Table S1: Patients baseline demographics; ASA: American Society of Anesthesiologist score, AMTS: Abbreviated Mental Test Score, LEM: Lower Extremity Measure, LHS: London Handicap Scale, DEMQOL: Dementia Quality of Life

	Nail	DHS	p-Value
Number of patients	29	28	
Age, mean \pm SD	85.7 \pm 5.5	84.1 \pm 9.1	0.428
Female, n(%)	23 (79.3%)	23 (82.1%)	0.786
ASA, n(%)			0.093
2	8 (27.6%)	9 (32.1%)	
3	16 (55.2%)	19 (67.9%)	
4	5 (17.2%)	0	
Charlson comorbidity index, mean\pmSD	5.36 \pm 1.3	5.1 \pm 1.6	0.445
Pre-op Hb (g/L), mean \pm SD	119.2 \pm 15.6	118 \pm 12.6	0.750
Hb < 100g/L, n(%)	4 (13.8%)	1 (3.6%)	0.352
Cognitive status			1.000
AMTS \geq 8	18 (62.1%)	18 (64.3%)	
AMTS < 8	11 (37.9%)	10 (35.7%)	
Pre-injury residential status, n(%)			0.619
Home	23 (79.3%)	23 (82.1%)	
With family	-	1 (3.6%)	
Residential home	4 (13.8%)	4 (14.3%)	
Nursing home	2 (6.9%)	-	
Pre-injury mobility status			0.329
No aids	10 (34.5%)	8 (28.6%)	
With stick	8 (27.6%)	12 (42.6%)	
With frame	11 (37.9%)	6 (21.4%)	
Unknown	-	2 (7.1%)	
Pre-injury-, median(range)			
LEM	59.5 (31.3–100)	67.3 (48.3–93.8)	0.309
LHS	0.66 (0.53–1.00)	0.73 (0.54–1.00)	0.554
DEMQOL	87.0 (69–95)	73.6 (40–108)	0.382
DEMQOL (carer)	99.2 (84–117)	97.6 (64–115)	0.693

Table S2: Mortality rates as per AMTS group at 2, 4, 12 weeks and at 1 year.

Mortality Rates, n(%)	AMTS \geq 8 n = 36	AMTS < 8 n = 21	p-Value
2 weeks	0 (0%)	3 (14.3%)	0.046
4 weeks	0 (0%)	4 (19%)	0.015
12 weeks	0 (0%)	6 (28.6%)	0.002
1 year	4 (11.1%)	10 (50%)	0.003