

Supplemental Table I Unit costs of resource use in the Economic evaluation alongside a Phase II, multi-centre, randomised controlled trial of very early rehabilitation after stroke (AVERT)

Cost Items	Unit	Unit cost^a	Source/Assumption
Hospitalization			
	Average		
Acute admission for stroke	Length of stay		NHCDC: National Hospital Cost Data Collection
Stroke with catastrophic cc ^b	18.84 days	\$14,836	NHCDC cost report 2004
Stroke with severe cc	10.74	\$8,079	NHCDC cost report 2004
Stroke without catastrophic or severe cc	6.8	\$5,246	NHCDC cost report 2004
Stroke Died/Transferred < 5 Days	1.54	\$1,980	NHCDC cost report 2004
Other Hospital Admissions			
Respiratory Infection/Inflammation without cc	3.52 days	\$2,764	NHCDC cost report 2004
Respiratory Infection/Inflammation with severe or moderate cc	6.39	\$4,807	NHCDC cost report 2004
Respiratory Infection/Inflammation with catastrophic cc	10.86	\$8,269	NHCDC cost report 2004
Seizure without catastrophic or severe cc	1.99	\$1,845	NHCDC cost report 2004
Seizure with catastrophic or severe cc	6.08	\$5,489	NHCDC cost report 2004
Anxiety Disorders	4.04	\$3,244	NHCDC cost report 2004
Syncope & Collapse without catastrophic or severe cc	2.03	\$1,453	NHCDC cost report 2004
Syncope & Collapse with catastrophic or severe cc	5.71	\$3,891	NHCDC cost report 2004
Minor skin disorders, same day	1.01	\$778	NHCDC cost report 2004
Injury Fore arm Wrist, hand or Foot Age > 74 years with cc	2.38	\$2,117	NHCDC cost report 2004
Injury Fore arm Wrist, hand or Foot Age > 74 years with cc	7.92	\$5,465	NHCDC cost report 2004
Delirium without catastrophic cc	6.48	\$4,395	NHCDC cost report 2004
Other Circulatory System Disorders with catastrophic cc	10.91	\$10,101	NHCDC cost report 2004
Other Circulatory System Disorders with severe cc	5.15	\$4,901	NHCDC cost report 2004
Other Circulatory System Disorders without catastrophic and severe cc	2.77	\$2,583	NHCDC cost report 2004
Chest Pain	1.54	\$1,296	NHCDC cost report 2004
Urethral Procedures without cc	1.65	\$2,669	NHCDC cost report 2004
Gastrointestinal Haemorrhage Age > 64 years old with catastrophic or severe cc	3.49	\$2,476	NHCDC cost report 2004

^aReference year: 2004 ; ^bcc: comorbidity and complications

Supplemental Table I – Continued

Cost Items	Unit	Unit cost*	Source/Assumption
Hospitalization – continued			
Unacceptable Principal Diagnosis	1.53	\$586	Used when no existing DRG coding
Non-Major Arrhythmia and Conduction Disorders Without catastrophic or severe cc	2.37	\$1,823	NHCDC cost report 2004
Kidney & Urinary Tract Infection with Catastrophic cc	11.83	\$8,135	NHCDC cost report 2004
Kidney & Urinary Tract Signs & Symptoms with catastrophic or severe cc	5.98	\$4,592	NHCDC cost report 2004
Cardiac Pacemaker Implantation	4.65	\$9,563	NHCDC cost report 2004
Other Head Injury	1.35	\$1,188	NHCDC cost report 2004
Transient ischaemic attack & Pre-cerebral Occlusion without catastrophic or severe cc	2.97	\$2,124	NHCDC cost report 2004
Kidney & Urinary Tract Infection Age<70 without catastrophic or severe cc	2.56	\$2,129	NHCDC cost report 2004
Kidney & Urinary Tract Infection Age>69 with severe cc	5.44	\$3,672	NHCDC cost report 2004
Headache	1.69	\$1,352	NHCDC cost report 2004
Other Head Injury	1.35	\$1,188	NHCDC cost report 2004
Ambulance			
Emergency Attendance fee	attendance	\$239.59	http://www.ambulance.vic.gov.au/
Emergency ambulance attendance and transport fee	transfer	\$793.97	Assuming all ambulance transfers were within 10km
Interim care arrangement			
Transition care program (TCP)	week	\$350	Austin hospital cost data
	bed day	\$28.62	St Georges hospital cost data
Rehabilitation Hospital admission			
Level 1 (Care Type 2)	bed day	\$577.00	State Government of Victoria http://www.health.vic.gov.au/feesman/fees5.htm
Level 2 (Care Type 6)	bed day	\$478.00	
Level 3 (Care Type 7)	bed day	\$478.00	

Supplemental Table I – Continued

Cost Items	Unit	Unit cost*	Source
Outpatient rehabilitation program			
Allied health	visit	\$74.89	VACS - Victorian Ambulatory Classification and Funding System HACC Unit price 2005-06
Rehabilitation doctor present	visit	\$107.00	VACS-non admitted patient
Rehabilitation no doctor present	visit	\$63.00	VACS-non admitted patient
Average rehabilitation (with or without doctor present)	visit	\$85.00	Calculated
Rehabilitation in the home			
Individual physiotherapy	60 minutes	66.40	State Government of Victoria http://www.health.vic.gov.au/feesman/fees5.htm
Community services			
Royal District Nursing Services	visit	\$74.89	HACC: The Home and Community Care (HACC) HACC Unit price 2005-06
Delivered meals	meal	\$1.29	HACC Unit price 2005-06
Home Care	visit	\$25.50	HACC Unit price 2005-06
Property maintenance	visit	\$37.10	HACC Unit price 2005-06
Respite care			
Respite home/community	Visit	\$26.36	HACC Unit price 2005-06
Respite overnight	10 hour block	\$123.04	HACC Unit price 2005-06
Nursing Home / Hostel Care			
Residential classification scale 1	daily	\$122.77	DoHA – Department of Health and Ageing DoHA – Revised residential care subsidies
Residential classification scale 2	daily	\$111.32	DoHA – Revised residential care subsidies
Residential classification scale 3	daily	\$95.90	DoHA – Revised residential care subsidies
Residential classification scale 4	daily	\$67.79	DoHA – Revised residential care subsidies
Residential classification scale 5	daily	\$41.29	DoHA – Revised residential care subsidies
Residential classification scale 6	daily	\$34.22	DoHA – Revised residential care subsidies
Residential classification scale 7	daily	\$26.27	DoHA – Revised residential care subsidies
Respite high need	daily	\$95.90	Calculated by averaging Scale 1-4
Respite low need	daily	\$34.22	Calculated by averaging Scale 5-7

Supplemental Table I – Continued

Cost Items	Unit	Unit cost*	Source
Home Modification			
Ramp	1	\$983	
Rails	1	\$19	Annuitized for 5 years with 3% discount rate
Mobile hand rail	1	\$30	
Adaptive equipments and Aids			
			***Annuitized for 5 years with 3% discount rate
Walking stick	1	\$5***	http://www.sunmedical.com.au/
2 wheel frame	1	\$34***	http://www.sunmedical.com.au/
4 wheel frame	1	\$51***	http://www.sunmedical.com.au/
Walking frame	1	\$22***	http://www.sunmedical.com.au/
Treadmill	1	\$303***	http://www.sunmedical.com.au/
Wheel chair	1	\$95***	http://www.sunmedical.com.au/
Over toilet seat	1	\$18***	http://www.sunmedical.com.au/
Shower stool	1	\$21***	http://www.enableaustralia.com.au/
Hand held shower	1	\$10***	http://www.australianecoshop.com.au/shower.htm
Standard Kingston chair Adjustable chair	1	\$22***	Locally collected data
Modified board to butter bread	1	\$13***	Locally collected data
Bedside commode	1	\$43***	http://www.enableaustralia.com.au/
Incontinent pads	1	\$11.65	Pharmacy direct online
Built up cutlery	1	\$5***	"Caring" fork/knife- \$25
Tap turner	1	\$8***	Sigma catalogue Nov 2003
bed stick	1	\$8***	\$34 plus GST
Plate guard	1	\$3***	\$13 plus GST
Adjustable kitchen wheelie trolley	1	\$32***	\$135 plus GST
Adjustable Kingston high chair	1	\$32***	\$135 plus GST
Bed pan	1	\$10***	Sigma catalogue Nov 2003
Vital call personal alarm –Establishment	1	\$220.00	Safety Link price
Vital call personal alarm – monitoring	1 month	\$29.45	Safety Link price
reaching aid	1	\$9***	Sigma catalogue Nov 2003
switch cock	1	\$8***	Locally collected data
KYLIE Fitted mattress single	1	\$21.59	Locally collected data

Supplemental Table I – Continued

Cost Items	Unit	Unit cost*	Source
Mattress protector Incontinence blanket	1	\$7***	Single bed
Urinal male (autoclavable)	1	\$9***	Pharmacy direct online
Urinal Male with lids Mansfield	1	\$3***	Pharmacy direct online
Chair platform raised	1	\$33***	Assumed custom made
Electric bed with cot-sides	1	\$436***	Locally collected data
Cot-sides	2	\$37***	Locally collected data
Pressure care (air mattress)Ultimate 125	1	\$283***	Locally collected data
Wheeled commode	1	\$179***	Locally collected data
ROHO foam cushion	1	\$150***	Locally collected data
Portable ramp	1	\$116***	http://www.mle.com.au/
Standard grab-rail	1	\$5***	Locally collected data
Electric hoist	1	\$546***	Locally collected data
Wage rate			As a proxy for time cost
Physiotherapist	Hour	\$26.78	Austin hospital wage rate, Melbourne
Caregiver	Hour	\$17.76	http://jobsearch.gov.au/