

Supplementary data 1. Recommendations by occupational therapists arising from the discharge planning process

Occupational Therapy Recommendations		Enhanced Discharge Planning		In-Hospital Consultation	
		N (%)	n	N (%)	n
Equipment	Prescribing, trialling and loaning bathroom equipment		79		57
	Prescribing, trialling and loaning self-care or other equipment		61		39
	Prescribing, trialling and loaning mobility equipment		12		4
Total equipment recommendations		152 (17.0)		100 (30.4)	

Occupational Therapy Recommendations		Enhanced Discharge Planning		In-Hospital Consultation	
		N (%)	n	N (%)	n
Environmental modification	Modifying the environment (involving installation or permanent changes) to enable function e.g. grab bars		57		15
	Changing environment to increase safety or reduce harm		50		7
	Modifying or adapting environment to enable function e.g. rearrange furniture		23		0
Total environmental modifications		130 (14.6)		22 (6.7)	

Occupational Therapy Recommendations		Enhanced Discharge Planning		In-Hospital Consultation	
		N (%)	n	N (%)	n
Involve other services	Seek services to assist with management of ADLs		61		55
	Refer to other health professional, service or program		60		14
	Refer to non- health related service or program		12		6
	Total involve other services recommendations	133 (14.8)		75 (22.8)	
Education	Education regards general energy conservation techniques (not task specific) e.g. pacing strategies		59		33

Occupational Therapy Recommendations		Enhanced Discharge Planning		In-Hospital Consultation	
		N (%)	n	N (%)	n
Education about preventing falls related to a general behavioural strategy			32		15
Education about a specific health related condition			29		8
Total education recommendations		120 (13.5)		56 (17.0)	
Health, safety and well-being	Active and healthy (engagement in leisure, day centre, exercise, relaxation)		62		3

Occupational Therapy Recommendations		Enhanced Discharge Planning		In-Hospital Consultation	
		N (%)	n	N (%)	n
Health, well-being and safety strategies (stay with family, personal alarms, driving restrictions, completing tasks safely)			58		17
Total health, safety and well-being recommendations		120 (13.5)		20 (6.1)	
Task modification	Changing physical demands of task		80		27
	Assistance from family member /friend to complete or supervise task		30		10

Occupational Therapy Recommendations		Enhanced Discharge Planning		In-Hospital Consultation	
		N (%)	n	N (%)	n
Changing cognitive demands of task			13		2
Changing sensory demands of task			8		0
Total task modification recommendations		131 (14.7)		39 (11.8)	
Strategies to improve function	Graded and practice of activities of daily living e.g. self-care, domestic		65		15

Occupational Therapy Recommendations	Enhanced Discharge Planning		In-Hospital Consultation	
	N (%)	n	N (%)	n
Improving physical capabilities e.g. graded return to mobility		41		2
Total strategies to improve function recommendations	106 (11.9)		17 (5.2)	
Total Recommendations		892		329

Supplementary data 2. Reasons for readmission

Major Diagnostic Category	Enhanced program (n)	In-hospital consultation (n)	Total Readmission (%)	Australian Population Separations 2013-2014 (26) (%)
Diseases and Disorders of the circulatory system	13	6	11.7%	8.2%
Diseases and Disorders of the digestive system	10	5	9.3%	10.1%
Diseases and Disorders of the eye	2	0	1.2%	2.0%
Diseases and Disorders of the hepatobiliary system and pancreas	1	1	1.2%	1.9%

Diseases and Disorders of the kidney and urinary tract	3	6	5.6%	23.5%
Diseases and Disorders of the musculoskeletal system and corrective tissue	10	4	8.6%	7.4%
Diseases and Disorders of the nervous system	5	0	3.1%	5.3%
Diseases and Disorders of the respiratory system	5	10	9.3%	5.5%
Disease and Disorders of the skin, subcutaneous tissue and breast	0	2	1.2%	3.9%
Endocrine, nutritional and metabolic diseases and disorders	5	0	3.1%	1.5%

Factors influencing health status and other contacts with health services	2	4	3.7%	2.5%
Infectious and parasitic disorders	0	2	1.2%	1.3%
Injuries, poisoning and toxic effects on drugs	2	1	1.9%	3.0%
Neoplastic Disorders	0	1	0.6%	3.4%
Private Average	11	11	13.6%	Not Applicable
Public Average	23	17	24.7%	Not Applicable
Total	92	70	162	5,523,256 separations

Supplementary data 3. Cost-effectiveness acceptability curves for NEADL improvements

