

Online Appendix. Supplementary results

Sociodemographic Characteristics of study participants

Characteristics	Overall n (%) (n=151)	No pain in the past 24 hours n (%) (n=28)	Pain in the past 24 hours n (%) (n=123)
Age (years): Mean (SD)	57.1 (13.5)	60.4 (17.0)	56.3 (12.6)
Male	74 (49.0)	12 (42.9)	62 (50.4)
Ethnicity			
Chinese	48 (31.8)	12 (42.9)	36 (29.3)
Other local ethnic minorities	45 (29.8)	8 (53.0)	37 (30.1)
Kadazan-Dusun	43 (28.5)	6 (4.0)	37 (30.1)
Malays	12 (7.9)	1 (3.6)	11 (8.9)
Other non-locals	3 (2.0)	1 (3.6)	2 (1.6)
Highest Education Level			
Never Attended school	15 (9.9)	4 (14.3)	11 (8.9)
Primary	27 (17.9)	3 (10.7)	24 (19.5)
Secondary	96 (63.6)	18 (64.3)	78 (63.4)
Tertiary	9 (6.0)	2 (7.1)	7 (5.7)
Unknown	4 (2.6)	1 (3.6)	3 (2.4)
New referrals to PCU ^a	72 (47.7)	12 (42.9)	60 (48.8)
PCA ^b Homecare Program	58 (38.4)	12 (42.9)	46 (37.4)
Location prior to admission			
Home	74 (49.0)	12 (42.9)	46 (37.4)
PCU ^a Clinic	5 (3.3)	1 (3.6)	4 (3.3)
Queen Elizabeth Hospital	31 (20.5)	8 (28.6)	23 (18.7)
Other hospitals	41 (27.2)	7 (25.0)	34 (27.6)

^aPalliative Care Unit

^bPalliative Care Association

Estimated pain scores at each occasion

Occasion	Estimated mean	95% confidence interval	Box's <i>F</i> (df ₁ , df ₂) ^a	<i>p</i> value ^a
Current Pain Scores				
Baseline	3.8	3.5, 4.1		
24-hour	1.5	1.2, 1.8		
48-hour	1.3	0.9, 1.6	52.7 (1, 91)	< 0.001 ^b
72-hour	1.2	0.8, 1.6		
Discharge	0.9	0.6, 1.3		
Worst Pain Scores				
Baseline	7.0	6.6, 7.3		
24-hour	3.5	3.2, 3.9		
48-hour	3.3	2.9, 3.7	96.6 (1, 91)	< 0.001 ^b
72-hour	3.0	2.5, 3.5		
Discharge	2.6	2.2, 2.9		
Least Pain Scores				
Baseline	1.8	1.6, 2.0		
24-hour	1.0	0.8, 1.2		
48-hour	0.7	0.5, 1.0	20.5 (1, 91)	< 0.001 ^b
72-hour	0.8	0.5, 1.1		
Discharge	0.4	0.2, 0.6		

^aSingle-factor repeated-measures ANOVA with Box's conservative correction factor

^bPost hoc analysis using Tukey's multiple comparison procedure indicates that the following pairs are significantly different

Pairwise comparison of pain scores

Pair	Estimated mean difference	95% confidence interval	p value
Current Pain Scores			
24-hour vs Baseline	-2.3	-2.9, -1.7	< 0.001
48-hour vs Baseline	-2.5	-3.2, -1.9	< 0.001
72-hour vs Baseline	-2.6	-3.3, -1.9	< 0.001
Discharge vs Baseline	-2.9	-3.5, -2.2	< 0.001
Worst Pain Scores			
24-hour vs Baseline	-3.4	-4.1, -2.8	< 0.001
48-hour vs Baseline	-3.6	-4.4, -2.9	< 0.001
72-hour vs Baseline	-4.0	-4.8, -3.1	< 0.001
Discharge vs Baseline	-4.4	-5.1, -3.7	< 0.001
Discharge vs 24-hour	-1.0	-1.7, -0.2	0.003
Least Pain Scores			
24-hour vs Baseline	-0.8	-1.2, -0.3	< 0.001
48-hour vs Baseline	-1.1	-1.5, -0.6	< 0.001
72-hour vs Baseline	-1.0	-1.5, -0.5	< 0.001
Discharge vs Baseline	-1.4	-1.8, -0.9	< 0.001
Discharge vs 24-hour	-0.6	-1.1, -0.1	0.003