



Appendix 2

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Burmeister EA, O'Connell DL, Jordan SJ, et al. Factors associated with quality of care for patients with pancreatic cancer in Australia. *Med J Aust* 2016; 205: 459-465. doi: 10.5694/mja16.00567.

Appendix 2: Mean proportional care scores according to patient, tumour and health system characteristics in 1) all patients; 2) patients with no evidence of metastases; and 3) patients with evidence of metastases on clinical staging.

	N (%)		Total mean proportional score (95% CI)			
	All patients (N = 1571)		Non-Metastatic (N = 781)		Metastatic (N = 790)	
Age group (years)						
< 60	307 (20)	0.48 (0.46, 0.50)	145 (19)	0.51 (0.48, 0.53)	162 (21)	0.46 (0.43, 0.49)
60 - 69	417 (27)	0.49 (0.48, 0.51)	221 (28)	0.51 (0.49, 0.53)	196 (25)	0.47 (0.45, 0.50)
70 - 79	471 (30)	0.43 (0.41, 0.44)	233 (30)	0.44 (0.42, 0.46)	238 (30)	0.41 (0.39, 0.43)
80 +	376 (24)	0.34 (0.32, 0.36)	182 (23)	0.32 (0.29, 0.34)	194 (25)	0.36 (0.34, 0.39)
Overall p value ^a		< 0.001		< 0.001		< 0.001
Sex						
Female	704 (45)	0.43 (0.41, 0.44)	350 (45)	0.43 (0.41, 0.45)	354 (45)	0.43 (0.41, 0.45)
Male	867 (55)	0.44 (0.43, 0.45)	431 (55)	0.46 (0.44, 0.48)	436 (55)	0.42 (0.40, 0.44)
Overall p value		0.17		0.01		0.57
Charlson Comorbidity score						
0	680 (44)	0.45 (0.44, 0.46)	342 (44)	0.46 (0.44, 0.48)	338 (44)	0.44 (0.42, 0.46)
1	498 (32)	0.43 (0.42, 0.44)	242 (31)	0.44 (0.41, 0.46)	256 (33)	0.42 (0.40, 0.45)
2	370 (24)	0.43 (0.41, 0.44)	194 (25)	0.43 (0.40, 0.46)	176 (23)	0.42 (0.39, 0.45)
Overall p value ^a		0.05		0.07		0.52
Performance Status						
0	431 (27)	0.48 (0.47, 0.50)	270 (35)	0.49 (0.47, 0.51)	161 (20)	0.47 (0.45, 0.50)
1	538 (34)	0.46 (0.45, 0.47)	250 (32)	0.47 (0.45, 0.49)	288 (36)	0.45 (0.43, 0.47)
2+	373 (24)	0.39 (0.37, 0.40)	152 (19)	0.37 (0.34, 0.40)	221 (28)	0.40 (0.38, 0.42)
Not stated	229 (15)	0.36 (0.33, 0.38)	109 (14)	0.38 (0.35, 0.41)	120 (15)	0.34 (0.30, 0.37)
Overall p value ^a		< 0.001		< 0.001		< 0.001
Place of residence						
Major City	1076 (68)	0.45 (0.44, 0.46)	548 (70)	0.46 (0.45, 0.47)	528 (67)	0.45 (0.43, 0.46)
Inner Regional	338 (22)	0.40 (0.38, 0.42)	159 (20)	0.43 (0.40, 0.46)	179 (23)	0.38 (0.35, 0.40)
Rural ^b	157 (10)	0.37 (0.34, 0.40)	74 (9)	0.36 (0.32, 0.40)	83 (11)	0.38 (0.34, 0.42)
Overall p value ^a		< 0.001		< 0.001		< 0.001
Socio-economic status-quintiles						
Least disadvantaged	266 (17)	0.48 (0.46, 0.50)	138 (18)	0.49 (0.47, 0.52)	128 (16)	0.47 (0.44, 0.50)
2	327 (21)	0.45 (0.43, 0.47)	160 (20)	0.46 (0.44, 0.49)	167 (21)	0.45 (0.42, 0.47)
3	322 (21)	0.42 (0.40, 0.44)	160 (20)	0.42 (0.39, 0.44)	162 (21)	0.42 (0.39, 0.44)
4	338 (22)	0.42 (0.40, 0.43)	169 (22)	0.42 (0.40, 0.45)	169 (21)	0.41 (0.38, 0.43)
Most disadvantaged	318 (20)	0.41 (0.39, 0.43)	154 (20)	0.43 (0.40, 0.46)	164 (21)	0.39 (0.36, 0.42)
Overall p value ^a		< 0.001		< 0.001		< 0.001
Clinical Stage of disease						
Confined to pancreas	227 (14)	0.52 (0.50, 0.54)				
Locally advanced	554 (35)	0.52 (0.51, 0.53)				
Metastatic	790 (50)	0.48 (0.46, 0.49)				
Overall p value ^a		0.03				

	N (%) Total mean proportional score (95% CI)					
	All patients (N = 1571)		Non-Metastatic (N = 781)		Metastatic (N = 790)	
Tumour site						
Head/neck ^c	1024 (72)	0.46 (0.44, 0.47)	643 (85)	0.45 (0.44, 0.47)	381 (57)	0.46 (0.44, 0.48)
Body	134 (9)	0.43 (0.40, 0.46)	37 (5)	0.42 (0.37, 0.48)	97 (15)	0.43 (0.40, 0.47)
Tail	144 (10)	0.40 (0.38, 0.43)	44 (31)	0.43 (0.38, 0.48)	100 (15)	0.39 (0.36, 0.43)
Multiple sites	119 (8)	0.42 (0.39, 0.45)	34 (5)	0.44 (0.39, 0.49)	85 (13)	0.41 (0.38, 0.45)
Overall p value ^a		0.002		0.63		0.002
First facility volume						
> 30	756 (49)	0.49 (0.48, 0.50)	415 (54)	0.49 (0.48, 0.51)	341 (45)	0.48 (0.47, 0.50)
29 - 10	460 (30)	0.42 (0.41, 0.44)	236 (31)	0.41 (0.39, 0.43)	224 (29)	0.44 (0.42, 0.46)
< 10	315 (21)	0.33 (0.32, 0.35)	119 (15)	0.35 (0.32, 0.38)	196 (26)	0.33 (0.30, 0.35)
Overall p value ^a		0.002		0.63		0.002
First specialist seen						
Hepatobiliary surgeon	234 (15)	0.55 (0.53, 0.57)	146 (19)	0.58 (0.56, 0.60)	88 (11)	0.51 (0.47, 0.54)
Gastroenterologist	402 (26)	0.44 (0.43, 0.46)	240 (31)	0.44 (0.42, 0.46)	162 (21)	0.45 (0.43, 0.48)
General Surgeon	501 (32)	0.43 (0.42, 0.44)	289 (37)	0.42 (0.40, 0.44)	212 (27)	0.45 (0.43, 0.47)
Other ^d	434 (28)	0.37 (0.35, 0.38)	106 (14)	0.35 (0.32, 0.38)	328 (42)	0.37 (0.35, 0.39)
Overall p value ^a		< 0.001		< 0.001		< 0.001

CI – confidence interval

^a p-value calculated using one-way analysis of variance (ANOVA)

^b Includes outer regional, remote and very remote

^c Includes tumour in uncinata process

^d Includes oncologists and palliative care physicians