

Online Appendices

Supplement to:

The Psychometric Properties and Minimal Clinically Important Difference for Disability
Assessment using the WHODAS 2.0 in Critically Ill Patients

These appendices were part of the submitted manuscript and have been peer reviewed. They are posted as supplied by the authors.

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APPENDIX 1. PREDICT STUDY INVESTIGATORS

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APPENDIX 2. SUPPLEMENTARY RESULTS

eTable 1 Participating Sites

Participating Site	Hospital Type	Total number of available ICU beds	Number of patients recruited Full Cohort	Number of patients recruited Validation Study
Austin Hospital	Public Tertiary	21	115	58
Alfred Hospital	Public Tertiary	38	523	314
Cabrini Hospital	Private	16	10	3
Dandenong Hospital	Public Metropolitan	14	77	28
Epworth Hospital	Private	26	39	19
Monash Medical Centre	Public Tertiary	25	124	55

eTable 2 Baseline characteristics among responders and non-responders

Characteristic	Responder (n = 448)	Non-Responders (n = 218)	p value
Age, years	58.2 (44.7 - 67.7)	54.6 (40.9 - 68.1)	0.190
Male gender – no. (%)	291 (65.0)	117 (53.7)	0.007
Body mass index, kg/m ²	27.2 (23.4 - 31.2)	26.7 (23.1 - 30.2)	0.373
APACHE III	57.0 (44.0 - 76.0)	62.0 (44.0 - 80.0)	0.289
Type of admission – no. (%)			0.065
Medical	238 (53.8)	132 (61.7)	
Surgical	204 (46.2)	82 (38.3)	
Diagnosis category – no. (%)			0.342
Cardiovascular	150 (33.5)	60 (27.8)	
Gastrointestinal	32 (7.1)	24 (11.1)	
Gynecological	1 (0.2)	1 (0.5)	
Hematological	1 (0.2)	0 (0.0)	
Metabolic	24 (5.4)	17 (7.9)	
Musculoskeletal and skin	9 (2.0)	8 (3.7)	
Neurological	19 (4.2)	11 (5.1)	
Renal and genitourinary	5 (1.1)	1 (0.5)	
Respiratory	89 (19.9)	33 (15.3)	
Sepsis	52 (11.6)	31 (14.4)	
Trauma	66 (14.7)	30 (13.9)	
Co-existing disorders – no. (%)			0.158
Chronic respiratory failure			
Lung transplant	37 (8.4)	9 (4.3)	
Other	13 (2.9)	5 (2.4)	
Chronic cardiovascular disease	25 (5.7)	10 (4.8)	0.714
Chronic liver disease	9 (2.0)	9 (4.3)	0.123
Chronic kidney disease	6 (1.4)	2 (1.0)	0.999
Chronic immune disease	4 (0.9)	2 (1.0)	0.999
Chronic immunosuppression	27 (6.1)	13 (6.3)	0.999
Diabetes	158 (35.3)	60 (29.1)	0.130
ICU source of admission – no. (%)			0.217
Operating room	204 (46.3)	79 (36.9)	
Emergency room	132 (29.9)	76 (35.5)	
Ward	43 (9.8)	28 (13.1)	
Other ICU	37 (8.4)	17 (8.0)	
Other hospital	25 (5.7)	14 (6.5)	
Clinical frailty score at ICU admission – no. (%)			0.696
Non-frail	284 (83.0)	118 (80.8)	
Mild-to-moderate frail	55 (16.1)	26 (17.8)	
Severely frail	3 (0.9)	2 (1.4)	

Data are median (quartile 25% - quartile 75%) or No (%). Percentages may not total 100 because of rounding. Denominators are shown when the overall sample size was not available.

APACHE: Acute Physiology and Chronic Health Evaluation; ICU: intensive care unit

eTable 3 Inter-item Correlation Matrix for WHODAS 2.0 at 6 Months

	Standing	Household	New Task	Community	Emotionally	Concentration	Walk	Wash	Dress	Deal	Friendship	Work
Standing	-											
Household	0.713	-										
New Task	0.355	0.390	-									
Community	0.547	0.573	0.448	-								
Emotionally	0.438	0.486	0.485	0.573	-							
Concentration	0.279	0.363	0.629	0.477	0.468	-						
Walk	0.739	0.664	0.303	0.483	0.428	0.271	-					
Wash	0.556	0.641	0.364	0.557	0.408	0.362	0.527	-				
Dress	0.606	0.661	0.340	0.512	0.421	0.328	0.564	0.863	-			
Deal	0.249	0.363	0.451	0.498	0.452	0.502	0.279	0.378	0.339	-		
Friendship	0.326	0.379	0.468	0.582	0.490	0.494	0.293	0.411	0.341	0.653	-	
Work	0.511	0.638	0.348	0.553	0.550	0.382	0.500	0.519	0.529	0.374	0.434	-

eFigure 1 Inter-item Correlation Matrix for WHODAS 2.0 at 6 Months

