

Appendix M

Comparison of PAC QI Validation Results for all Facilities versus TCU Sample Only

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Quality Indicators with FAP Adjustment ¹	Multiple R, Preventive Elements	Multiple R, Responsive Elements	Multiple R, All Elements	Degree of Validation
Post-Acute FAP Adjusted Quality Indicators ²				
Prevalence				
Percent of short-stay residents with delirium (megaqi; del0x)				
FAP (all facilities)	0.40	0.29	0.53	I
FAP (TCUs)	0.58	0.36	0.62	I
without FAP (all facilities) [†]	0.39	0.18	0.45	I
without FAP (TCUs) [†]	0.53	0.38	0.59	I
Percent of short-stay residents with pain (megaqi; pai0x)				
FAP (all facilities)	0.50	0.39	0.61	I
FAP (TCUs)	0.52	0.36	0.64	I
without FAP (all facilities)	0.55	0.70	0.77	I
without FAP (TCUs)	--	--	--	III
Incidence				
Percent of short-stay residents whose ability to control their bowel or bladder has not improved since admission (megaqi; cnt0x)				
FAP (all facilities)	0.32	--	0.32	II
FAP (TCUs)	0.37	--	0.37	II
without FAP (all facilities)	0.27	--	0.27	III
without FAP (TCUs)	0.29	--	0.29	III
Percent of short-stay residents whose pressure sores have not gotten better (megaqi; pruo0x)				
FAP (all facilities)	0.61	--	0.61	I
FAP (TCUs)	0.12	--	0.12	III
without FAP (all facilities) [†]	0.50	--	0.50	I
without FAP (TCUs) [†]	0.24	--	0.24	III
Percent of short-stay residents who have developed a respiratory infection or have not gotten better (megaqi; rsp0x)				
FAP (all facilities)	0.26	--	0.26	II
FAP (TCUs)	0.42	--	0.42	II
without FAP (all facilities) [†]	0.24	--	0.24	II
without FAP (TCUs) [†]	0.38	--	0.38	II
Percent of short-stay residents who walk as well or better on day 14 as on day 5 of their stay (megaqi; wal0x)				
FAP (all facilities)	0.19	--	0.19	I
FAP (TCUs)	0.48	--	0.48	I
without FAP (all facilities)	--	--	--	III
without FAP (TCUs)	--	--	--	III

1 - This table does not include QIs that do not have a FAP adjustment.

2 - Note – There are TWO sets of values in EACH cell for the POST-ACUTE Quality Indicators. The upper number references ALL facilities for which there was a sufficient sample of post-acute patients on which to calculate the Quality Indicators [maximum N = 166 facilities]. The lower set of numbers reflect estimates for the sub-set of hospital-based TCUs [maximum N = 52 facilities].

† - The non-FAP adjusted form of this QI does include adjustment for resident-level covariates.