

# 25

## QUALITY INDICATORS

interRAI LTCF QIs RECOMMENDED FOR  
RESIDENTIAL AGED CARE FACILITY (RACF)  
QUALITY OF CARE BENCHMARKING IN AUSTRALIA

QIs = 355

### QI AGGREGATION

interRAI Long Term Care Facility (LTCF) QIs were identified. interRAI QIs identified as not relevant and excluded:

- LTCF QIs from countries that didn't use interRAI (n=161)
- interRAI home care and short stay QIs (n=25)
- Individual QIs from interRAI countries that couldn't be scored in the interRAI LTCF (n=1)

Domains = 14

### DOMAINS REVIEWED BY PANEL

ACDC QI Expert panel:

- Voted online to prioritise domains
- Additional Domains were suggested by the panel (n=7)

Outcomes:

- Domain names were changed (n=3)
- A domain was made a sub-domain (n=1); a domain was added (n=1)
- ACDC Team reviewed viability of new domains prior to sub-domain voting rounds.

After the voting, new domain total: 14

QIs = 46

### QIs REVIEWED BY PANEL

ACDC Expert Panel:

- Reviewed QIs for the sub-domains nominated by the panel

Outcomes:

- QIs voted out (n=24)
- Previously new sub-domains were removed (End-of-Life, n=2) and new sub-domains with QIs were added (End-of-Life, n=3)

After the second round of voting, new QI total: 25

+ QIs = 88

### ADDITIONAL QIS FROM HANDSEARCH

QIs added from from hand search of active interRAI health service websites:

- Belgium BelRAI (n=5)
- interRAI Sharepoint (n=35)
- SHELTER study (n=39)
- Mandatory Australian QIs = 9

Sub-Domains = 54

### SUB-DOMAINS REVIEWED BY PANEL

ACDC Expert Panel:

- Reviewed domains and sub-domains and voted prior to panel meeting (PW2)
- PW2 discussion: sub-domain added and deleted several times before resolution in new domain (non-pharmalogical interventions; n=1; 2 QIs)

### ADDITIONAL RESEARCH FOR THE PANEL

New domains and sub-domains were researched to identify existing interRAI QIs or interRAI variables.

ACDC Expert Panel:

- New and existing sub-domains were voted in the second round (post=PW2)

Outcomes:

- Domains added (End-of-Life; n=1). Sub-domains added (n=2).

After second round voting, new sub-domain total: 32

FINAL DOMAINS = 15

### FINAL VARIATIONS

The panel recommended final variations to the description of the QIs.

- Previous new sub-domain (non-pharmalogical interventions, n=1; 2 QIs) moved to a new Domain (Social Engagement)

FINAL QIs = 25

THE QIs RECOMMENDED BY THE ACDC QUALITY INDICATOR SUB-PROJECT: CAN BE CALCULATED BY THE interRAI LTCF STANDARDISED DATA; INCLUDE 15 DOMAINS OF CARE; AND ENDORSE 7 AUSTRALIAN QIs

150

interRAI QIs currently measuring the quality of care for residents in LTCF around the world

2

New key areas of care added: End-of-Life and Social Engagement

7 of 9

Australian mandated QIs endorsed

25

QIs recommended for immediate consideration as a benchmarking suite for Australia

#	DOMAIN	RECOMMENDED QIs FROM PUBLISHED LITERATURE
1	Changed Behaviours	Residents whose behaviour symptoms were worse on target assessment compared with prior assessment
2	Cognition	Percent of residents whose cognitive ability has worsened
3	Mood State	Percentage of residents whose mood from symptoms of depression have worsened
4	Elimination and Continence	Percent of residents with worsening bladder continence
5	Elimination and Continence	Percent of residents with worsening bowel continence
6	Elimination and Continence	Residents with faecal impaction on most recent assessment
7	Falls, Fractures and Injuries	Percentage of care recipients who experienced one or more falls [AUS]
8	Falls, Fractures and Injuries	Percentage of care recipients who experienced one or more falls resulting in major injury [AUS]
9	Function	Percent of residents who declined status on mid-loss ADL functioning transfer, locomotion or remain completely dependent in mid-loss ADLs
10	Function	Percent of residents who have declined in their ability to locomote
11	Hospitalisations	The percentage of residents with one or more emergency department visits recorded on the target assessment
12	Infections	Percentage of residents who have had one or more infections
13	Infections	Influenza vaccination in last 12 months
14	Infections	Percentage of long-stay residents whose pneumococcal vaccine status is up to date
15	Medication-Related Issues	Percentage of care recipients who received antipsychotic medications [AUS]
16	Medication-Related Issues	Percentage of residents on antipsychotics without a diagnosis of psychosis
17	Pain	The percentage of residents who experienced moderate pain daily or any severe pain in the seven days preceding their most recent assessment
18	Skin Integrity	Care recipients with one or more pressure injuries reported against each of the six pressure injury stages* [AUS]
19	Physical Restraints	Percentage of care recipients who were physically restrained [AUS]
20	Weight Loss and Nutrition	Percentage of care recipients who experienced significant unplanned weight loss (5% or more) [AUS]
21	Weight Loss and Nutrition	Percentage of care recipients who experienced consecutive unplanned weight loss [AUS]
22	Weight Loss and Nutrition	Residents with dehydration
23	End of Life Care	The proportion of residents with end stage disease with a personal palliative care program in place
24	End of Life Care	The proportion of residents with advance care directives on file at the RACF
25	Social Engagement	Percent of residents who are assessed as feeling socially isolated

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