

Supplementary Material

Appendix Table 2 Sociodemographic/basic data collection

Characteristic	Number (%)
Sex	196 (71.8)
Gender identity	166 (60.8%)
Sexuality	153 (56%)
Ethnicity	180 (65.9%)
Religion	194 (71.1%)
Marital / civil partnership status	174 (63.7%)
Smoking status	165 (60.4%)
Alcohol use	143 (52.4%)
Substance use	103 (37.7%)
Lasting power of attorney	191 (70%)
Emergency contacts	196 (71.8%)
National Health Service Number	199 (72.9%)

Appendix Table 5 Information to support care provision

Resident communication	271 (99.3%)
Hearing	267 (97.8%)
Sight	265 (97.1%)
Speech	270 (98.9%)
Understanding	261 (95.6%)
Languages spoken/understood	247 (90.5%)
Sign language	174 (63.7%)
Reading and writing	191 (70%)
Independence and need for support	Number (%)
Need for one-to-one care	263 (96.3%)
Incontinence (bladder, bowels)	268 (98.2%)
Continence aids	258 (94.5%)
Bowel movements	237 (86.8%)
Urinary output	200 (73.3%)
Other	2 (0.7%)
Bristol Stool chart use	225 (82.4%)
Alternative to Bristol Stool chart	12 (4.4%)
Sensory impairment	267 (97.8%)
Blind or partially sighted	237 (86.8%)
Glasses use	263 (96.3%)
Hearing aids	246 (90.1%)
Mobility and balance	266 (97.4%)
Walk unaided	262 (96.0%)
Climb stairs	234 (85.7%)
Use of frame/walker	258 (94.5%)
Wheelchair use	255 (93.4%)
Mobile with at least one person	257 (94.1%)

Bedfast	232 (85.0%)
Help with eating and drinking	269 (98.5%)
Help needed with bathing	269 (98.5%)
Personal care	269 (98.5%)
Dressing	269 (98.5%)
Toilet use	267 (97.8%)
Transfers	261 (95.6%)
Skin related information	Number (%)
Pressure ulcers	250 (91.6%)
Wounds	259 (94.9%)
Skin infection	249 (91.2%)
Skin conditions	249 (91.2%)
Other skin	3 (1.1%)
Waterlow score	232 (85%)
Braden scale	49 (17.9%)
Norton risk assessment scale	8 (2.9%)
Other scores	4 (1.5%)
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Information on diet and nutrition	
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Fluid intake	188 (68.9%)
Meals/food eaten	203 (74.4%)
Food preferences	214 (78.4%)
Nutritional needs/deficiencies	196 (71.8%)
Allergies	204 (74.7%)
Choking risk	197 (72.2%)
Percutaneous Endoscopic Gastrostomy (PEG) feeding	74 (27.1%)
Weight loss	201 (73.6%)
MUST scores	188 (68.9%)
Other nutritional measures	9 (3.3%)
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Information about hygiene	267 (97.8%)
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Frequency of bathing	261 (95.6%)
Oral health	262 (96%)
Dentures	251 (91.9%)
Hand care	228 (83.5%)
Foot care	260 (95.2%)
Nail care	253 (92.7%)
Hair care	251 (91.9%)
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Information on activities	265 (97.1%)
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Social activities	262 (97.1%)
Going outdoors	260 (96%)
Physical activity	230 (84.2%)
Other activities	18 (6.6%)

Appendix Table 6 Methods of data collection and storage

Data Collection	Number (%)
Paper and pen	195 (71.4%)
Smartphone	91 (33.3%)
Tablet computer	134 (49.1%)
Desktop or laptop computer	198 (72.5%)
Electronic equipment/sensors	72 (26.4%)
Other method of recording	5 (1.8%)
Data Storage	
Paper records	218 (79.9%)
Digital (Desktop or laptop computer)	225 (82.4%)
Other method of storage	3(1.1%)
Software Use	
Abyss Systems	11(4.0)%
Access	10 (3.7)%
Atlas electronic medicines management system	10 (3.7)%
Care Docs	11 (4.0)%
Care Control	1 (0.4)%
Caresys	21 (7.7)%
Cool Care Ltd	6 (2.2)%
Cura Systems	2 (0.7)%
iCare Health	23 (8.4)%
Kardex	0 (0)%
Log My Care	4 (1.5)%
Microsoft Office	32 (11.7)%
PASS	1 (0.4)%
Person Centred Software (PCS)	49 (17.9)%
Stori Care	0 (0)%
Volf Resident Management System	0 (0)%
Other	47 (17.2)%

Appendix Table 7 Location of storage of different items of information

	Paper records	Tablet computer	Laptop computer	Desktop computer	Cloud or external database
Health conditions	167 (61.2%)	65 (23.8%)	86 (31.5%)	128 (46.9%)	61 (22.3%)
Medications	192 (70.3%)	52 (19%)	76 (27.8%)	97 (35.5%)	51 (18.7%)
Consultations with health professionals	160 (58.6%)	63 (23.1%)	86 (31.5%)	122 (44.7%)	54 (19.8%)
Frequency of health monitoring in the home	155 (56.8%)	57 (20.9%)	99 (28.2%)	109 (39.9%)	57 (20.9%)
Frequency of hospital clinic attendance	162 (59.3%)	55 (20.1%)	82 (30%)	114 (41.8%)	84 (19.8%)
Frequency of visits by health professionals	159 (58.2%)	58 (21.2%)	82 (30%)	116 (42.5%)	52 (19%)

Appendix Table 8 Frequency of updating information on residents

	At least Weekly	At least Monthly	At least Yearly	Less often
Health diagnoses or conditions	64 (23.4%)	168 (68.3%)	28 (10.3%)	4 (1.5%)
Medications*(prescribed and over the counter)	62 (22.7%)	184 (67.4%)	10 (3.7%)	8 (2.9%)
Capacity/cognition	32 (11.7%)	193 (70.7%)	34 (12.5%)	4 (1.5%)
Frailty	32 (11.7%)	175 (64.1%)	18 (6.6%)	15 (5.5%)
NEWS (National Early Warning Score)	33 (12.1%)	105 (38.5%)	7 (2.6%)	25 (9.2%)

*Prescribed and over the counter medications

Appendix Table 10 Changes to data collection and storage as a result of the coronavirus pandemic

Change since COVID-19	Number (%)
Use of NHS or local capacity tracker	254 (93%)
New data collection	42 (15.4%)
New data sharing	41 (15.2%)
New technology use	63 (23.1%)
Involvement in local data initiatives	53 (19.4%)