

Supplemental File 1. The first questionnaire on patients' social background

Basic information	
Name	
Age	
Gender	
Insurance and Service Availability	
Long-term Care Certificate Level	
Home-care Service Provider	
Care Manager	
Service	Home-visit nursing: Nursing station () Frequency ()[/week]
	Home help: Care station () Frequency ()[/week]
	Home-visit rehabilitation: Rehab station () Frequency ()[/week]
	Short-term stay at care facilities
	Other
Contact	
Emergent Contact (First)	Name: Relationship: Phone number: Address:
Emergent Contact (Second)	Name:

	Relationship: Phone number: Address:
Pleasure and difficulty	
Do you have something to look forward to in a daily life?	Yes, No
Do you have trouble in bathing?	Independent, Partially dependent, Totally dependent
Do you have trouble in excretion?	Place: Home, Day-time care, Day-time rehabilitation, Home-visit bathing care, Other
Do you have any economic burden?	Yes, No
Who usually does...	
Shopping	
Laundry	
Access to Hospital	
Any comment	

Supplemental File 2. The second questionnaire on the time required and patients' willingness

How long did it take you to complete the first questionnaire?	[]min
Did you find it easy to understand what to write down in the questionnaire?	Definitely No (1) to Definitely Yes (5)
Did you feel uncomfortable completing the questionnaire?	Strongly Uncomfortable (1) to Not at all (5)
Do you think it is beneficial for us to continue this survey?	Definitely No (1) to Definitely Yes (5)

Supplemental File 3. Daily pleasures and difficulties at each LTC certification level

	All (n=359)	No certification (n=201)	Support level		Care Need Level				
			1 (n=34)	2 (n=23)	1 (n=50)	2 (n=26)	3 (n=13)	4 (n=8)	5 (n=4)
<i>Daily pleasures</i>	242 (67.4%)	243 (71.1%)	20 (58.9%)	14 (60.9%)	35 (70.0%)	16 (61.5%)	7 (53.8%)	5 (62.5%)	2 (50.0%)
<i>Trouble bathing</i>	56 (15.6%)	18 (9.0%)	10 (29.4%)	5 (21.7%)	11 (22.0%)	3 (11.5%)	7 (53.8%)	1 (12.5%)	1 (25.0%)
<i>Trouble with excretion</i>	73 (20.3%)	24 (11.9%)	7 (20.6%)	5 (21.7%)	19 (38.0%)	6 (23.1%)	9 (69.2%)	2 (25.0%)	1 (25.0%)
<i>Excessive financial burden</i>	34 (9.4%)	5 (2.5%)	3 (8.8%)	3 (13.0%)	9 (18.0%)	1 (3.8%)	2 (15.4%)	0 (0.0%)	1 (25.0%)

Supplemental File 4. Statistical analysis between each long-term care certification level

	No certification (n=201)	Support Level (n=57)	Care Need Level (n=101)	Chi-squared test (p-values)			
				3-item	No certification vs Support Level	No certification vs Care Need Level	Support Level vs Care Need Level
<i>Daily pleasures</i>	71.1% (143/201; 95% CI: 64.9%- 77.4%)	59.6% (34/57; 95% CI: 46.9%-72.4%)	64.4% (65/101; 95% CI: 55.0%- 73.7%)	0.195	NA	NA	NA
<i>Trouble bathing</i>	9.0% (18/201; 95% CI: 5.0%- 12.9%)	26.3% (15/57; 95% CI: 14.9%-37.7%)	22.8% (23/101; 95% CI: 14.6%- 31.0%)	<0.001	<0.001	0.001	0.002
<i>Trouble with excretion</i>	11.9% (24/201; 95% CI: 7.5%- 16.4%)	21.1% (12/57; 95% CI: 10.5%-31.6%)	36.6% (37/101; 95% CI: 27.2%- 46.0%)	<0.001	0.003	<0.001	<0.001
<i>Excessive financial burden</i>	2.5% (5/201; 95% CI: 0.3%- 4.6%)	10.5% (6/57; 95% CI: 2.6%- 18.5%)	12.9% (13/101; 95% CI: 6.3%- 19.4%)	0.001	0.008	<0.001	0.006

Supplemental File 5. Statistical analysis between participants who were uncomfortable with the survey and those comfortable.

	Discomfort (n=49)	No discomfort (n=310)	Chi-squared test (p-value)
<i>Age [median (the first quartile-the third quartile)]</i>	84 (81-86)	84 (82–88)	NA
<i>Gender, n (%) [woman/man]</i>	30 (61.2%)/19 (38.8%)	192 (61.9%)/118 (38.1%)	NA
<i>Not applied/Now applying LTC</i>	30 (61.2%)	171 (55.2%)	0.48
<i>Support Level</i>	9 (18.4%)	48 (15.5%)	0.79
<i>Care Need Level</i>	10 (20.4%)	91 (29.4%)	0.09
<i>Financial burden</i>	4 (8.2%)	30 (9.7%)	0.53