

Supplementary Material

Medical Care and Long-Term Care Expenditures Attributable to Alzheimer's Disease Onset: Results from the LIFE Study

Supplementary Table 1. Cost components of medical care and long-term care expenditures

Components	Examples of services included in each component
Medical care	
Hospitalizations/ consultations	Hospitalizations, intensive care unit admissions, therapeutic management, and home visits for home-care patients
Drugs	Pharmaceuticals, dispensing/prescribing, and injections
Procedures/surgeries	Rehabilitation, medical procedures, surgeries, and anesthesia
Tests	Sample testing, biopsies, and diagnostic imaging
Other	All others not listed above
Long-term care	
Care planning	Formulation of long-term care service plans
Residence	In-home services for eligible persons certified as Care Needs Levels 1 to 5
Facility	Facility-based services for intensive care homes for the elderly, long-term care health facilities, and medical long-term care sanatoriums
Preventive care	In-home services for eligible persons certified as Support Needs Levels 1 and 2
Community-based care	In-home services and facility-based services limited to those residing in municipalities where the service providers are located
Other	All others not listed above

Supplementary Table 2. General conditions of each care needs level

Care needs levels	General conditions of persons at each care needs level
Support Needs Level	<p>This level is further subdivided into Support Needs Level 1 and Support Needs Level 2.</p> <p>Support Needs Level 1: Subject is mostly able to independently perform basic activities of daily living (e.g., walking and getting up), but requires some form of support for instrumental activities of daily living (e.g., taking medications, preparing meals, and shopping).</p> <p>Support Needs Level 2: Subject has a small reduction in the ability to perform instrumental activities of daily living when compared to Support Needs Level 1 and requires a greater degree of support.</p>
Care Needs Level 1	<p>Subject has some difficulties in independently performing basic activities of daily living. Subject also has a reduced ability to perform instrumental activities of daily living when compared to Support Needs Level 2 and requires partial long-term care.</p>
Care Needs Level 2	<p>In addition to the conditions described in Care Needs Level 1, the subject also requires partial long-term care to perform basic activities of daily living.</p>
Care Needs Level 3	<p>Subject has a reduced ability to perform both basic and instrumental activities of daily living as compared to Care Needs Level 2, and generally requires extensive long-term care.</p>
Care Needs Level 4	<p>In addition to the conditions described in Care Needs Level 3, the subject has further reductions in functional ability and experiences difficulties in going about daily life without extensive long-term care.</p>
Care Needs Level 5	<p>Subject has further reductions in functional ability when compared to Care Needs Level 4, and essentially cannot go about daily life without extensive long-term care.</p>