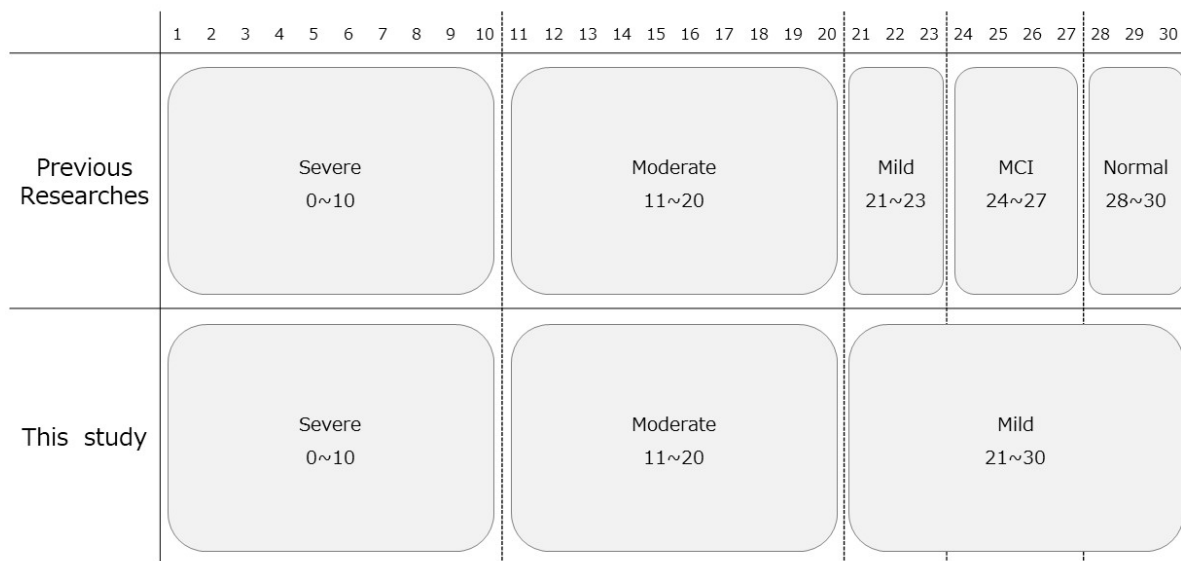


Supplementary Material

Impact of the Severity of Alzheimer's Disease on the Quality of Life, Activities of Daily Living, and Caregiving Costs for Institutionalized Patients on Anti-Alzheimer Medications in Japan

Supplementary Figure 1. Classification of the patients according to the MMSE score corresponding to cut-off scores reported by previous studies.



Supplementary Table 1. Distribution of patients with and without AD and their BI score, EQ-5D-5L score, and annual caregiving costs, based on MMSE score

	Severity of AD according to the MMSE score				
	Normal 30-28	MCI 27-24	Mild 23-21	Moderate 20-11	Severe 10-0
Prescribed medicines for AD					
<i>number of people</i>	12	20	21	118	116
BI score (mean ± SD)	85.4±21.2	84.5±21.1	81.7±19.6	65.1±26.9	32.8±30.7
EQ-5D-5L score (mean ± SD)	0.819±0.274	0.829±0.208	0.763±0.210	0.662±0.229	0.436±0.222
Annual caregiving costs (million JPY, mean ± SD)	1.712±0.989	2.403±0.763	2.057±0.928	2.470±0.637	2.809±0.591
Not prescribed medicines for AD					
<i>number of people</i>	111	173	122	315	279
BI score (mean ± SD)	79.4±24.9	78.2±22.1	71.3±25.2	60.5±28.8	21.8±24.7
EQ-5D-5L score (mean ± SD)	0.748±0.245	0.732±0.221	0.689±0.224	0.606±0.238	0.379±0.189
Annual caregiving costs (million JPY, mean ± SD)	1.963±0.929	2.050±0.875	2.168±0.768	2.423±0.694	2.868±0.655

Supplementary Table 2. Changes in prescription between March 2019 and March 2020

Category of medicines	Number of patients	
	Suspension of medication	Newly received medication
Central nervous system drugs	17	0
Peripheral nervous system drugs	1	2
Sensory organ drugs	10	10
Pharmaceuticals for the circulatory system	12	5
Respiratory medicine	7	1
Pharmaceuticals for the digestive system	18	9
Hormones	3	3
Urogenital and anal drugs	2	6
Topical medicine	14	22
Vitamin pills	12	7
Nourishing and strengthening medicine	14	10
Medicines for blood and body fluid	18	10
Other metabolic drugs	15	2
Cancer medication	0	1
Allergy medication	6	6
Herbal medicine	11	6
Antibiotic agents	3	1
Chemotherapeutic agent	9	5
Preparative medicine	4	6
Alkaloids	0	1
Non-alkaloidal drug	0	1