

Supplementary Table 3. Summary of studies on caregiver burden in common dementias and PD using ZBI in Korea

Author	Disease	Type of study	Method	Number of patients/caregivers	Caregiver age, yr	Caregiving duration, yr	Caregiver burden score	Estimated percentage of caregiver burden (%)*
Current study	HD	Prospective cohort study	ZBI-12	45	54.3 ± 13.6	6.3 ± 7.1	17.6 ± 14.2	36.6
Lee et al. ⁷	Dementia	Quasi-experimental, non-randomized controlled trial	ZBI-12	40 (intervention group)	72.3 ± 8.8	-	25.5 ± 9.9	53.1
			ZBI-12	38 (control)	56.1 ± 12.5	-	18.0 ± 6.1	37.5
Kim et al. ⁸	Normal elderly	Community-based cross-sectional study	K-ZBI	484 (61 cognitive impairment)	62.0 ± 14.6	-	10.8 ± 10.3	12.3
							15.7 ± 12.6	17.8 (cognitive impairment)
Yoo et al. ⁹	AD	Multicenter, randomized, clinical controlled study	ZBI	19 (treatment)	65.9 ± 13.4	2.9 ± 1.9	39.3 ± 15.3	33.9
			ZBI	19 (control)	63.3 ± 13.3	2.0 ± 1.3	46.2 ± 15.2	39.8
Kim et al. ¹⁰	PD	Cross-sectional study	K-ZBI	162	60.2	-	59.3 ± 18.7	67.4
Shin et al. ¹¹	PDD	Cross-sectional study	ZBI	42	60.0 ± 13.8	-	47.9 ± 3.8	41.3
	AD	Cross-sectional study	ZBI	109	55.3 ± 12.4	-	36.3 ± 2.1	31.3
Shin et al. ¹²	PD	Cross-sectional study	ZBI	50 (spouse)	66.4 ± 8.9	-	32.7 ± 23.1	28.2
	PD	Cross-sectional study	ZBI	41 (off spring)	45.8 ± 10.9	-	26.1 ± 15.0	22.5
Oh et al. ¹³	PDD	Cross-sectional study	ZBI	48	-	3.9 ± 4.4	37.8 ± 22.2	32.6

*estimated percentage of caregiver burden was calculated by mean burden score/maximum score × 100. The estimated percentage of caregivers in this study was 36.6%.

PD, Parkinson's disease; ZBI, Zarit Burden Interview; HD, Huntington's disease; ZBI-12, 12-item Zarit Burden Interview; K-ZBI, Korean version of Zarit Burden Interview; AD, Alzheimer's disease; PDD, Parkinson's disease dementia.