**Supplementary Tables**

Supplementary Table 1: Patients with and without suicidal ideations since onset of dementia

Legend to Supplementary Table 1: SD: standard deviation; n: number of subjects; AD: Alzheimer’s disease; FTLD: frontotemporal lobar degeneration; VD: vascular dementia; YOD: young onset dementia; LOD: late onset dementia.
a: t-test for normally distributed and metric data; b: Mann-Whitney U test for not normally distributed data; c: x² for categorical data; d: Fisher’s exact test.

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| **Variable**mean ± SD (range),median (range),or n (%) | Suicidal ideation since onset of symptoms(any time)n=43 | **No** suicidal ideation since onset of symptoms(any time)n=114 | p-value |
| Type of dementia (AD : FTLD : VD : other) | 31 : 5 : 2 : 5(72.1 : 11.6 : 4.7 : 11.6%) | 69 : 35 : 2: 8(60.5 : 30.7 : 1.8 : 7%) | 0.066 d |
| Sex (male:female) | 17 : 26(39.5% : 60.5%) | 53 : 61(46.5% : 53.5%) | 0.475 c |
| YOD : LOD  | 17 : 26(39.5 : 60.5%) | 58 : 55(51.8 : 48.2%) | 0.211 c |
| Age at onset [years] | 66.65 ±12.14(38-96) | 64.63 ± 11.93(27-95) | 0.353 a |
| Age at diagnosis [years] | 68.63 ± 12.51(39-97) | 67.18 ± 11.37(33-95) | 0.491 a |
| Age at assessment [years] | 74.33 ± 11.50(41-98) | 72.95 ± 11.34(40-101) | 0.500 a |
| Formal education [years] | 11(5-20) | 12(8-25)n=106 | 0.371 b |
| Living arrangements (home care : long term care)  | 19 : 24(44.2 : 55.8%) | 51 : 63(44.7 : 55.3%) | 1.000 c |
| Religion(Christian : Muslim : none)  | 35 : 1 : 7( 81.4% : 2.3% : 16.3%) | 91 : 1 : 22(79.8% : 0.9% : 19.3%) | 0.659 d |
| Marital status(married : widowed : divorced : single) [n] | 28 : 10 : 3 : 2(65.1 : 23.3 : 7.0 : 4.7%) | 76 : 22 : 12 : 4(66.7 : 19.3 : 10.5 : 3.5%) | 0.810 d |

Supplementary Table 2

Legend to Supplementary Table 2: SD: standard deviation; n: number of subjects; WHO-5: 5-item World Health Organization well-being index; BDI-II: Beck depression inventory II; CSI: caregiver strain index.
a: t-test for normally distributed and metric data; b: Mann-Whitney U test for not normally distributed data; c: x² for categorical data; d: Fisher’s exact test.
In 10 cases (6.4%) the caregivers felt unable to assess if suicidal ideation was present or not during the month prior to the assessment.

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| **Variable**mean ± SD (range), median (range),or n (%) | **Caregiver reporting** suicidal ideationduring the **last month**n=14 | **Caregiver not reporting**suicidal ideation during the **last month**n=133 | p-values |
| Sex caregiver (male/ female) [n] | 7 : 7(50.0 : 50.0%) | 47 / 86(35.3 : 64.7%) | 0.279 c |
| Age caregiver[years] | 64.50 ± 10.47(48 - 78) | 64.81 ± 10.86(33 - 88) | 0.918 a |
| Formal education caregiver [years] | 13(11-20) | 13(5-34)n=130 | 0.736 b |
| Religion caregiver(Christian : Muslim : none) [n] | 13 : 0 : 1(92.9 : 0.0 : 7.1%) | 91 : 2 : 40(68.4 : 1.5 : 30.1%) | 0.192 d |
| Marital status caregiver(married : widowed : divorced : single) [n] | 12 : 0 : 1 : 1(85.7 : 0.0 : 7.1 : 7.1%) | 116 : 3 : 6 : 8(87.2 : 2.3 : 4.5 : 6.0%) | 0.726 d |
| Relationship to the patient(spouse : parent : child : other) [n] | 8 : 0 :6 : 0(57.1 : 0.0 : 42.9 : 0.0%) | 82 : 3 :36 : 12(61.6 : 2.3 : 27.1 : 9.0%) | 0.652 d |
| Lives with patient (yes:no) [n] | 6 : 8(42.9 : 57.1%) | 54:79(40.6 : 59.4%) | 0.870 c |
| **Days spent with the patient during the last month [n]** | **18.5(8-30)n=8** | **8(1-30)n=78** | **0.019 b** |
| Average time spent with the patient [hours/day/month] | 2 (0.50-4.00)n=8 | 2(0.33-8.00)n=78 | 0.775b |
| WHO-5 | 13(2-20)n=13 | 14(1-25)n=114 | 0.591 b |
| BDI-II | 14(4-29)n=13 | 8(0-28)n=112 | 0.298 b |
| CSI | 7.5(3-12) | 6(0-12)n=131 | 0.112 b |