

Supplementary Data

The GERAS Study: A Prospective Observational Study of Costs and Resource Use in Community Dwellers with Alzheimer's Disease in Three European Countries – Study Design and Baseline Findings

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Supplementary Table 1
Unit costs and source of resource utilization items for (a) France, (b) Germany, and (c) UK

Unit cost	Unit of measurement	Unit cost (€; 2010 values)	Source
(a) France			
Caregiver informal care costs			
Caregiver time: lost production	Hour	24.27	Average gross wage for country INSEE: http://www.insee.fr/fr/ffc/ipweb/ip1300/ip1300.pdf , Accessed on September 26, 2011. OECD Employer social security contributions: http://www.oecd.org/ctp/taxdatabase , Accessed on September 26, 2011.
Caregiver time: lost leisure time	Hour	8.50	35% of average gross wage
Cost of caregiver missing work	Hour	24.27	As average gross wage
Health care resource use costs			
<i>Nights in hospital</i>			
Geriatric ward	Night	278.19	ATIH: http://www.atih.sante.fr/openfile.php?id=2411 , Accessed on September 26, 2011.
Psychiatric ward	Night	310.2	Source as above
Internal medicine ward	Night	279.92	Source as above
Surgical ward	Night	673.73	Source as above
Other	Night	385.51	Assumed as average of above values.
<i>Emergency room (ER) visits</i>	Visit	144.11	Ministry of Labour, Employment and Health of France (70% reimbursement): http://www.sante.gouv.fr/IMG/pdf/Rappel_des_enjeux_des_modalites_des_schemas_cibles_et_transitoires.pdf , Accessed on September 26, 2011.
<i>Outpatient visits</i>			
General practitioner	Visit	23.89	Généraliste secteur 1. Tarif €26, rate reimbursement 70%, amount paid €17.2: l'Assurance Maladie: http://www.ameli.fr/assures/soins-et-remboursements/combien-serez-vous-rembourse/consultations/les-consultations-en-metropole/dans-le-cadre-du-parcours-de-soins-coordonnes.ain.php , Accessed on April 20, 2011.
Geriatrician	Visit	44.04	Psychiatre Neuropsychiatre Neurologue secteur 1. Average of three types of tariffs: tarif €57, €43, €37, rate reimbursement 70% Source as above
Neurologist	Visit	44.04	Psychiatre Neuropsychiatre Neurologue secteur 1. Average of three types of tariffs: tarif €57, €43, €37, rate reimbursement 70% Source as above
Psychiatrist	Visit	44.04	As above for geriatrician/neurologist
Physiotherapist	Visit	17.15	Tarif = AMK (€2.04) page 22 * coefficient of care. Assumed as re-education of gait in the elderly (Article 9 -Réducation de la déambulation du sujet âgé", page 77), coefficient = 8. Au total, cost per visit = 2.04*8 = €16.32 (global cost), rate reimbursement 60%: NGAP: http://orthoptie.net/textes/NGAP.pdf , Accessed on September 26, 2011.
Occupational therapist	Visit	17.15	As above for physiotherapist
Social worker	Visit	32.58	Based on cost for UK. Assumed 30 minute visit. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Psychologist	Visit	50.92	Dossier familial: http://www.dossierfamilial.com/sante-psycho/psycho/combien-coute-une-psychotherapie.503 , Accessed on September 26, 2011. Cost varies depending on clinic and is not reimbursed. This cost is a mean estimate.
Other health care professional	Visit	34.46	Assumed as average of above costs, excluding social worker visits.

Supplementary Table 1
(Continued)

Unit cost	Unit of measurement	Unit cost (€; 2010 values)	Source
<i>Community care services</i>			
District nurse	Visit/hour	21.01	Page 57 / Mean cost per visit For all interventions in dementia, the total average cost per visit of SSAID interventions at a patient's home is equal to €20 (60% reimbursement): Les patients en service de soins infirmiers à domicile (SSIAD): http://www.travail-emploi-sante.gouv.fr/IMG/pdf/SSIAD.pdf , Accessed on September 26, 2011.
Home support worker	Visit/hour	8.95	The salary of a home support worker varies in Smic from €1,392 to €1,450 per month (Statut de la fonction publique territoriale). For those who work part time, wages are based on the Smic hourly rate (€9.18/hour). CIDJ: http://www.cidj.com/metier.aspx?docid=286&catid=1 , Accessed on June 10, 2011.
Home-delivered meals	Visit/hour	8.74	Individual tariff €8.59 Domicile Service Plus €8.5 plus €1 supplement. Portage de repas a domicile: http://www.ville-guerande.fr/vivre/services-la-personne/personnes-agees-vivre-domicile#Portage%20de%20repas%20à%20domicile , Accessed on September 26, 2011.
Transportation	Visit/hour	5.29	EHPAD: http://www.clic-rouen.fr/article.php3?id_article=39 , Accessed on September 26, 2011. Assumed average distance to community care center is 10 km (total travel distance = 10*2 = 20 km). Private car: €0.26/km; Ambulance: €52 (trip <5 km) or €2/cm (trip > 5 km); Nonemergency medical transport: €0.78/km
Day care	Visit/hour	13.04	Based on cost for UK
Other services	Visit/hour	11.00	Estimated as average cost of other community care services
<i>Cost of medications for other disorders</i>			
Depression	Day	0.37	Average cost of three most common treatments (based on a Swedish database of drug prescriptions) Medication lists: IMS MIDAS quarterly sales data based on French DOT market share for 2010 Medication costs: BdM.IT > Recherche par code. (http://www.codage.ext.cnamts.fr/codif/bdm_it/index.php?p_site=AMELI , Accessed on April 19, 2011) DDD: ATC/DDD Index 2011 (http://www.whocc.no/atc_ddd_index/ , Accessed on April 19, 2011) DDD adjusted for elderly dosing BNF 62
Epilepsy	Day	1.84	As above (except the adjustment for elderly dosing)
Stroke	Day	0.38	As above (except the adjustment for elderly dosing)
Ischemic cardiac	Day	0.25	As above (except the adjustment for elderly dosing)
Hypertension	Day	0.29	As above (except the adjustment for elderly dosing)
Diabetes mellitus	Day	0.28	As above (except the adjustment for elderly dosing)
Hypercholesterolemia	Day	0.78	As above (except the adjustment for elderly dosing)
Urinary tract disorder	Day	0.45	Based on cost for tamsulosin [tamsulosine biogaran LP 0.4 mg, extended-release capsules (pack of 30)] Sources as above
Obstructive pulmonary	Day	0.37	Based on cost for Pulmicort Turbuhaler [Pulmicort Turbuhaler 400 µg/dose (budesonide)] Recipient dosing with mouthpiece (100 doses), powder for oral inhalation; Average cost based on Table 1 in Piperno D, Huchon G, Pribil C, Boucot I, Similowski T (2003) The burden of COPD in France: results from the Confronting COPD survey. <i>Respir Med</i> 97(Suppl C),S33-42; values inflated to 2010 values Other sources as above

Supplementary Table 1
(Continued)

Unit cost	Unit of measurement	Unit cost (€; 2010 values)	Source
<i>AD medications</i>			
Donepezil	Day	4.12	Based on DDD from WHO: ATC/DDD Index 2011 (http://www.whocc.no/atc_ddd_index/ , Accessed on April 19, 2011) Medication costs from a French database: BdM.IT > Recherche par code. (http://www.codage.ext.cnamts.fr/codif/bdm_it/index.php?p_site=AMELI , Accessed on April 19, 2011)
Galantamine	Day	2.77	Sources as above
Memantine	Day	3.23	Sources as above
Rivastigmine	Day	3.05	Sources as above
Other AD medication	Day	3.29	Assumed as average of above costs.
<i>Psychiatric/hypnotic medication</i>			
Antidepressants	Day	0.38	Based on average cost for three most common drugs used. Medication lists: IMS MIDAS quarterly sales for France in 2010 market share per DOT Medication costs: BdM.IT > Recherche par code. (http://www.codage.ext.cnamts.fr/codif/bdm_it/index.php?p_site=AMELI , Accessed on April 19, 2011) DDD: ATC/DDD Index 2011 (http://www.whocc.no/atc_ddd_index/ , Accessed on April 19, 2011) DDD adjusted for elderly dosing: BNF 62
Antipsychotics	Day	0.08	As above
Anxiolytics	Day	0.01	As above
Benzodiazepines	Day	0.01	As above
Hypnotics and sedatives	Day	0.01	As above
Mood stabilizers	Day	0.24	As above
<i>Neuropsychological assessment</i>	Assessment	69.12	l'Assurance Maladie: http://www.ameli.fr/accueil-de-la-ccam/trouver-un-acte/fiche-abreege.php?code=ALQP006 , Accessed on April 19, 2011.
(b) Germany			
Caregiver informal care costs			
Caregiver time: lost production	Hour	24.09	Average gross wage for country. Average full-time employee earns €3,227 per month after tax. Extra payments not included (2010). Average usual weekly hours worked on the main job are 35.7 hours (2009). Statistische Bundesamt Deutschland: http://www.destatis.de/jetspeed/portal/cms/Sites/destatis/Internet/EN/Content/Statistics/VerdiensteArbeitskosten/EarningsEconomicActivity/Current_EconomicActivity.psm1 , Accessed on September 26, 2011. OECD: http://stats.oecd.org/Index.aspx?DataSetCode=AVE_HRS , Accessed on September 26, 2011. OECD Employer social security contributions: www.oecd.org/ctp/taxdatabase , Accessed on September 26, 2011.
Caregiver time: lost leisure time	Hour	8.43	35% of average gross wage
Cost of caregiver missing work	Hour	24.09	As average gross wage
Health care resource use costs			
<i>Nights in hospital</i>			
Geriatric ward	Night	236.63	Fallpauschalenkatalog 2010: http://www.g-drg.de/cms/Media/Files/G-DRG-System_2011/Fallpauschalen-Katalog_2010_PDF/%28language%29/ger-DE , Accessed on September 26, 2011.
Psychiatric ward	Night	487.34	Source as above
Internal medicine ward	Night	320.07	Source as above
Surgical ward	Night	804.26	Source as above
Other	Night	462.07	Assumed as average of above costs.
<i>Emergency room (ER) visits</i>	Visit	50.14	KBV: http://www.kbv.de/ebm2011/ebmgesamt.htm , Accessed on September 26, 2011.

Supplementary Table 1
(Continued)

Unit cost	Unit of measurement	Unit cost (€; 2010 values)	Source
<i>Outpatient visits</i>			
General practitioner	Visit	18.13	Krauth C (2008) Health care economics analysis of early diagnosis. <i>Laryngorhinootologie</i> 87 (Suppl 1),S81-93.
Geriatrician	Visit	61.00	Ehret R, Balzer-Geldsetzer M, Reese JP, Dodel I, Becker E, Christopher A, Friedrich H, Kraemer S, Lüer W, Müngersdorf M, Puzich R, Rohr A, Schultes-Platzek I, Siefjediers V, Tiel-Wilck K, Oertel WH, Dodel R (2009) Direkte Kosten der Parkinson-Behandlung. <i>Nervenarzt</i> , 80 ,452-8.
Neurologist	Visit	61.00	Ehret R, Balzer-Geldsetzer M, Reese JP, Dodel I, Becker E, Christopher A, Friedrich H, Kraemer S, Lüer W, Müngersdorf M, Puzich R, Rohr A, Schultes-Platzek I, Siefjediers V, Tiel-Wilck K, Oertel WH, Dodel R (2009) Direkte Kosten der Parkinson-Behandlung. <i>Nervenarzt</i> , 80 ,452-8.
Psychiatrist	Visit	17.37	Krauth C (2008) Health care economics analysis of early diagnosis. <i>Laryngorhinootologie</i> 87 (Suppl 1),S81-93.
Physiotherapist	Visit	26.48	VDEK: http://www.vdek.com/vertragspartner/sonstige-vertragspartner/heilmittelerbringer/zulassung/verguetungslisten-west/Verguetungsvereinbarung_west_2011.pdf , Accessed on September 26, 2011.
Occupational therapist	Visit	26.48	VDEK: http://www.vdek.com/vertragspartner/sonstige-vertragspartner/heilmittelerbringer/zulassung/verguetungslisten-west/Verguetungsvereinbarung_west_2011.pdf , Accessed on September 26, 2011.
Social worker	Visit	32.58	Based on cost for UK. Assumed 30 minute visit. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/pdf/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Psychologist	Visit	55.42	50 minute consultation KBV: http://www.kbv.de/ebm2011/ebmgesamt.htm , Accessed on September 26, 2011.
Other health care professional	Visit	37.99	Assumed as average of above costs, excluding social worker visits.
<i>Community care services</i>			
District nurse	Visit/hour	12.31	KBV: http://www.kbv.de/ebm2011/ebmgesamt.htm , Accessed on September 26, 2011. EBM Code 01422 (380 points) Erstverordnung von Behandlungsmaßnahmen zur psychiatrischen häuslichen Krankenpflege (first prescription of treatment with psychiatric nursing activity at home). For Germany, district nurse was interpreted as "Gemeindegeschwester/Pflegedienst"
Home support worker	Visit/hour	5.02	Kobelt G, Berg J, Lindgren P, Elias WG, Flachenecker P, Freidel M, König N, Limmroth V, Straube E (2006) Cost and quality of life of multiple sclerosis in Germany. <i>Eur J Health Econ</i> 7 (Suppl 2),S34-44.
Home-delivered meals	Visit/hour	10.70	Mean cost of home delivered food in Berlin/Munich/Hamburg, based on home delivery web site. Minimum order value BRKG: http://www.gesetze-im-internet.de/bundesrecht/brkg_2005/gesamt.pdf , Accessed on September 26, 2011.
Transportation	Visit/hour	4.00	Assumed 10 km distance to community care center (*2). Cost equals €0.2/km. http://www.gesetze-im-internet.de/bundesrecht/brkg_2005/gesamt.pdf
Day care	Visit/hour	19.44	KBV: http://www.kbv.de/ebm2011/ebmgesamt.htm , Accessed on September 26, 2011.
Other services	Visit/hour	10.30	EBM Code 01410 (600 points) Besuch Assumed as average of above.

Supplementary Table 1
(Continued)

Unit cost	Unit of measurement	Unit cost (€; 2010 values)	Source
<i>Cost of medication for other disorders</i>			
Depression	Day	0.27	Average cost of three most common medications for the disease Medication lists: IMS MIDAS quarterly sales, for 2010 using PADDs database viewer, identified based on market share per DOT Medication costs: Lauer Taxe online, pharmaceutical database for Germany, price from January 15, 2012; http://taxe.lauer-fischer.de/ ; WHO ATC/DDD DDD: ATC/DDD Index 2011: http://www.whocc.no/atc_ddd_index , Accessed on September 26, 2011.
Epilepsy	Day	1.01	As above
Stroke	Day	0.18	As above
Ischemic cardiac	Day	0.16	As above
Hypertension	Day	0.20	As above
Diabetes mellitus	Day	0.20	As above
Hypercholesterolemia	Day	0.12	As above
Urinary tract disorder	Day	0.44	As above
Obstructive pulmonary	Day	0.80	As above
<i>AD medications</i>			
Donepezil	Day	5.40	Medication costs: Rote Liste: http://www.rote-liste.de/Online/jumpsearch , Accessed on September 26, 2011. Medication doses: ATC/DDD Index 2011: http://www.whocc.no/atc_ddd_index , Accessed on September 26, 2011.
Galantamine	Day	4.36	Sources as above
Memantine	Day	3.70	Sources as above
Rivastigmine	Day	3.96	Sources as above
Other AD medication	Day	4.35	Assumed as average of above costs.
<i>Psychiatric/hypnotic medication</i>			
Antidepressants	Day	0.27	Average cost of three most common medications Medication lists: IMS MIDAS quarterly sales, for 2010 using PADDs database viewer, identified based on market share per DOT Medication costs: Lauer Taxe online, pharmaceutical database for Germany, price from January 15, 2012; http://taxe.lauer-fischer.de/ ; WHO ATC DDD ATC/DDD Index 2011. http://www.whocc.no/atc_ddd_index , Accessed on September 26, 2011.
Antipsychotics	Day	1.53	As above plus DDD adjusted for elderly dosing: BNF 62 and <i>Curr Med Res Opin.</i> 1992,12, p.615.
Anxiolytics	Day	0.10	As for antidepressants plus DDD adjusted for elderly dosing: BNF 62 and <i>Therapie</i> 1989, 44, pp.219-22.
Benzodiazepines	Day	0.24	As for antidepressants plus DDD adjusted for elderly dosing: BNF 62
Hypnotics and sedatives	Day	0.22	As for antidepressants plus DDD adjusted for elderly dosing: BNF 62
Mood stabilizers	Day	1.51	As for antidepressants plus DDD adjusted for elderly dosing: BNF 62
<i>Neuropsychological assessment</i>	Assessment	24.14	Kassenärztliche Bundesvereinigung: http://www.kbv.de/ebm2011/ebmgesamt.htm , Accessed on April 19, 2011.

Supplementary Table 1
(Continued)

Unit cost	Unit of measurement	Unit cost (£; 2010 values)	Unit cost (€; 2010 values)	Source
(c) UK				
Caregiver informal care costs				
Caregiver time: lost production	Hour	15.65	18.25	Office for national statistics: http://www.statistics.gov.uk/STATBASE/ssdataset.asp?vlnk=7427 , Accessed on September 26, 2011.
Caregiver time: lost leisure time	Hour	5.48	6.39	35% of average gross wage
Cost of caregiver missing work	Hour	15.65	18.25	As average gross wage
Health care resource use costs				
<i>Nights in hospital</i>				
Geriatric ward	Night	297.74	347.19	Cost per bed-day, inpatient stay elderly person. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Psychiatric ward	Night	297.74	347.19	As above
Internal medicine ward	Night	297.74	347.19	As above
Surgical ward	Night	297.74	347.19	As above
Other	Night	297.74	347.19	Assumed as average of above costs.
<i>Emergency room (ER) visits</i>	Visit	63.68	74.26	Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
<i>Outpatient visits</i>				
General practitioner	Visit	36.58	42.66	Per surgery consultation averaging 11.7 minutes Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Geriatrician	Visit	36.33	42.36	Average of medical and psychiatric consultant; assume 10 minute visit. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Neurologist	Visit	36.33	42.36	Average of medical and psychiatric consultant; assume 10 minute visit. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Psychiatrist	Visit	47.93	55.89	£283 per psychiatrist hour patient contact adjusted for 10 minute visit. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Physiotherapist	Visit	19.05	22.21	Mean of community care based and hospital based; assumed 30 minute visit. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Occupational therapist	Visit	21.34	24.88	Mean of community care based and hospital based; assumed 30 minute visit. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Social worker	Visit	27.94	32.58	Assumed 30 minute visit Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Psychologist	Visit	41.15	47.99	Assumed 30 minute visit Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Other health care professional	Visit	33.33	38.87	Assumed average of above costs.

Supplementary Table 1
(Continued)

Unit cost	Unit of measurement	Unit cost (£; 2010 values)	Unit cost (€; 2010 values)	Source
<i>Community care services</i>				
District nurse	Visit/hour	24.39	28.44	Per home visit Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Home support worker	Visit/hour	21.75	25.36	£21.4 one hour per week of local authority-organized home care. Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Home-delivered meals	Visit/hour	5.11	5.96	The average cost of providing meals to adults and older people is £4.90 per meal or £24.00 per week, equating to just under five meals per person Personal Social Services Expenditure and Unit Costs England: 2008-9-2009. http://www.ic.nhs.uk/webfiles/publications/009_Social_Care/pss0910expfinal/pss0910expfinal_update_070311/Personal_Social_Services_Expenditure_Report%202009_10.pdf , Accessed on September 26, 2011.
Transportation	Visit/hour	22.44	26.17	Hospital Travel Cost Scheme - Outpatient, Hospital Travel Cost Scheme -other; Patient Transport Services - Outpatient; Patient Transport Services - other National Schedule of Reference Costs 2008-09 for NHS Trusts: http://www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_123459 , Accessed on September 26, 2011.
Day care	Visit/hour	11.18	13.04	£33 per user session (a session is defined as either a morning, afternoon, or evening at the day care facility). Assume three hours for one session. So day care per hour Unit Costs of Health and Social Care 2010: www.pssru.ac.uk/pdf/uc/uc2010/uc2010_s01.pdf , Accessed on September 26, 2011.
Other services	Visit/hour	16.97	19.79	Assumed as average of above costs.
<i>Cost of medication for other disorders</i>				
Depression	Day	0.081	0.09	Average cost of three most common treatments Medication lists: IMS MIDAS quarterly sales using PADDs database viewer, market share data per DOT for UK was used for year 2010 Medication costs: BNF 62 (September, 2011) (http://www.medicinescomplete.com/mc/bnf/current/index.htm , Accessed on September 26, 2011) and ATC/DDD Index 2011 (http://www.whooc.no/atc_ddd_index , Accessed on September 26, 2011)
Epilepsy	Day	0.315	0.37	As above
Stroke	Day	0.060	0.07	As above
Ischemic cardiac	Day	0.019	0.02	As above
Hypertension	Day	0.099	0.12	As above
Diabetes mellitus	Day	0.268	0.31	As above
Hypercholesterolemia	Day	0.604	0.70	As above
Urinary tract disorder	Day	0.319	0.37	As above
Obstructive pulmonary	Day	0.328	0.38	Average based on Table 1 in Britton M (2003) The burden of COPD in the UK: results from the Confronting COPD survey. <i>Respir Med</i> 97(Suppl C),S71-9; values inflated to 2010 values.
<i>AD medications</i>				
Donepezil	Day	3.05	3.56	Medication costs: BNF 61 (http://www.medicinescomplete.com/mc/bnf/current/index.htm , Accessed on September 26, 2011) Medication doses: ATC/DDD Index 2011 (http://www.whooc.no/atc_ddd_index , Accessed on September 26, 2011).
Galantamine	Day	2.32	2.71	As above

Supplementary Table 1
(Continued)

Unit cost	Unit of measurement	Unit cost (£; 2010 values)	Unit cost (€; 2010 values)	Source
Memantine	Day	2.34	2.73	As above
Rivastigmine	Day	2.26	2.64	As above
Other AD medication	Day	2.49	2.90	Assumed as average of above costs.
<i>Psychiatric/hypnotic medication</i>				
Antidepressants	Day	0.087	0.10	Average cost of three most common treatments Medication lists: IMS MIDAS quarterly sales using PADDIS database viewer, market share data per DOT for UK was used for year 2010 Medication costs: BNF 62 (September, 2011) (http://www.medicinescomplete.com/mc/bnf/current/index.htm) & ATC/DDD Index 2011 (http://www.whocc.no/atc_ddd_index/ , Accessed on September 26, 2011)
Antipsychotics	Day	1.438	1.68	As above and DDD adjusted for elderly dosing BNF 62
Anxiolytics	Day	0.117	0.14	As above and DDD adjusted for elderly dosing BNF 62
Benzodiazepines	Day	0.044	0.05	As above and DDD adjusted for elderly dosing BNF 62
Hypnotics and sedatives	Day	0.049	0.06	As above and DDD adjusted for elderly dosing BNF 62
Mood stabilizers	Day	0.670	0.78	As above and DDD adjusted for elderly dosing BNF 62
<i>Neuropsychological assessment</i>	Assessment	83.76	97.67	National Schedule of Reference Costs Year : '2008–09' - NHS Trusts Direct Access: Diagnostic Services – other test

All UK costs in pounds sterling were converted to euros using the conversion rate: £1 = €1.1661 (calculated as the monthly exchange rate average for 2010, <http://www.x-rates.com/d/EUR/GBP/hist2010.html>, Accessed on June 22, 2012). (AMK, Actes pratiqués par le masseur-kinésithérapeute; ATC, Anatomical, therapeutic and chemical; ATIH, Agence Technique de l'information sur l'Hospitalisation; BNF, British National Formulary; BRKG, Bundesreisekostengesetz; CIDJ, Centre d'Information et de Documentation Jeunesse; DOT, duration of treatment; DDD, defined daily dose; EBM, Einheitlicher Bewertungsmaßstab; EHPAD, Etablissements d'Hébergement pour Personnes Agées Dépendantes; INSEE, National Institute of Statistics and Economic Studies - France; KBV, Kassenärztliche Bundesvereinigung; NGAP, Nomenclature générale des actes professionnels; NHS, National Health Service; OECD, The Organisation for Economic Co-operation and Development; Smic, salaire minimum interprofessionnel de croissance; SSIAD, Services de Soins Infirmiers à Domicile; VDEK, Verband der Ersatzkassen e. V.; WHO, World Health Organization).

Supplementary Table 2
Patient-reported outcomes at baseline: country-specific data and overall for all three countries combined

Variable	Country	AD severity group				Overall population
		Mild	Moderate	Moderately severe/severe	<i>p</i> value	
Number of patients	Overall	567	472	458		1497
	France	138	136	145		419
	Germany	228	157	167		552
	UK	201	179	146		526
MMSE	Overall	23.3 (23.2; 23.5)	17.9 (17.8; 18.1)	9.5 (9.1; 9.9)	NA	17.4 (17.1; 17.7)
	France	23.1 (22.9; 23.4)	18.0 (17.7; 18.3)	10.7 (10.1; 11.3)	NA	17.2 (16.6; 17.7)
	Germany	23.7 (23.5; 23.9)	18.1 (17.8; 18.3)	9.1 (8.4; 9.7)	NA	17.7 (17.1; 18.2)
	UK	23.1 (22.8; 23.3)	17.8 (17.5; 18.0)	8.7 (8.0; 9.4)	NA	17.3 (16.7; 17.8)
ADL-basic	Overall	19.8 (19.6; 20.1)	18.3 (17.9; 18.6)	13.2 (12.7; 13.8)	**	17.3 (17.1; 17.6)
	France	19.9 (19.4; 20.4)	18.8 (18.2; 19.4)	14.4 (13.5; 15.4)	**	17.6 (17.2; 18.1)
	Germany	20.0 (19.6; 20.4)	17.9 (17.2; 18.5)	11.8 (10.9; 12.8)	**	17.0 (16.5; 17.4)
	UK	19.6 (19.2; 20.0)	18.2 (17.6; 18.7)	13.6 (12.6; 14.5)	**	17.4 (17.0; 17.9)
ADL-instrumental	Overall	38.6 (37.6; 39.5)	29.9 (28.8; 31.1)	16.6 (15.5; 17.8)	**	29.2 (28.4; 29.9)
	France	38.5 (36.4; 40.5)	31.4 (29.3; 33.4)	19.9 (17.9; 21.9)	**	29.7 (28.3; 31.1)
	Germany	40.0 (38.4; 41.6)	28.5 (26.3; 30.7)	12.9 (11.0; 14.8)	**	28.6 (27.2; 30.0)
	UK	37.1 (35.5; 38.6)	30.2 (28.5; 31.9)	17.6 (15.8; 19.5)	**	29.3 (28.1; 30.5)
ADL-total	Overall	58.5 (57.3; 59.6)	48.3 (46.9; 49.7)	30.0 (28.4; 31.6)	**	46.6 (45.6; 47.6)
	France	58.4 (56.0; 60.8)	50.2 (47.8; 52.7)	34.4 (31.7; 37.2)	**	47.4 (45.7; 49.2)
	Germany	60.0 (58.1; 61.9)	46.5 (43.8; 49.2)	24.9 (22.1; 27.6)	**	45.7 (43.8; 47.5)
	UK	56.7 (54.8; 58.6)	48.4 (46.3; 50.5)	31.3 (28.7; 33.9)	**	46.8 (45.3; 48.3)
ADAS-cog11	Overall	19.0 (18.5; 19.5)	27.1 (26.4; 27.8)	Not applied	**	22.7 (22.2; 23.2)
	France	18.8 (17.7; 19.9)	25.0 (23.8; 26.1)	Not applied	**	21.9 (21.0; 22.7)
	Germany	17.9 (17.1; 18.7)	27.8 (26.5; 29.2)	Not applied	**	22.0 (21.1; 22.9)
	UK	20.4 (19.6; 21.3)	28.1 (27.0; 29.1)	Not applied	**	24.0 (23.3; 24.8)
NPI 12 total	Overall	10.2 (9.3; 11.1)	14.3 (13.1; 15.4)	22.0 (20.2; 23.8)	**	15.1 (14.3; 15.9)
	France	10.7 (8.7; 12.7)	13.3 (11.0; 15.7)	18.7 (15.8; 21.6)	**	14.3 (12.9; 15.8)
	Germany	8.9 (7.7; 10.1)	13.3 (11.4; 15.2)	26.3 (22.9; 29.7)	**	15.4 (14.0; 16.8)
	UK	11.4 (9.9; 13.0)	15.8 (14.1; 17.7)	20.4 (17.7; 23.1)	**	15.4 (14.3; 16.6)
EQ-5D index ¹	Overall	0.71 (0.69; 0.73)	0.64 (0.62; 0.67)	0.51 (0.48; 0.54)	**	0.63 (0.61; 0.64)
	France	0.71 (0.67; 0.75)	0.64 (0.59; 0.69)	0.47 (0.41; 0.52)	**	0.60 (0.57; 0.63)
	Germany	0.73 (0.69; 0.76)	0.64 (0.60; 0.69)	0.57 (0.51; 0.62)	**	0.65 (0.63; 0.68)
	UK	0.68 (0.65; 0.72)	0.65 (0.61; 0.69)	0.48 (0.43; 0.53)	**	0.61 (0.59; 0.64)
EQ-5D VAS	Overall	66.0 (64.5; 67.5)	64.6 (62.8; 66.3)	58.7 (56.6; 60.8)	**	63.3 (62.3; 64.3)
	France	63.4 (60.5; 66.4)	61.6 (58.4; 64.8)	54.4 (50.8; 58.1)	**	59.7 (57.8; 61.6)
	Germany	66.2 (63.7; 68.8)	63.3 (60.3; 66.4)	60.0 (56.5; 63.5)	*	63.5 (61.8; 65.3)
	UK	67.5 (64.9; 70.0)	68.0 (65.1; 70.8)	61.3 (57.5; 65.1)	*	65.9 (64.2; 67.7)

Data are presented as means (95% CI) unless otherwise stated. * $p < 0.05$, ** $p < 0.001$ for comparison between AD severity groups (ANOVA).
¹Presented to two decimal places to more clearly distinguish utility scores between severity groups. 'Mild' AD severity = MMSE 21–26 points; 'Moderate' AD severity = MMSE 15–20 points; 'Moderately severe/severe' AD severity = MMSE <15 points. Reduced functioning is indicated by lower scores for MMSE and ADL, and higher scores for ADAS-cog 11; increased impairment is indicated by higher scores for NPI 12 total; reduced quality of life is indicated by lower scores for EQ-5D. ADAS-cog11, Alzheimer's disease assessment scale – cognitive subscale; ADL, activities of daily living; EQ-5D, EuroQoL-5D; MMSE, Mini-Mental State examination; NA, no statistical analysis performed; NPI, neuropsychiatric inventory; VAS, visual analog scale.