

Table 1. Key characteristics of cases and propensity-matched controls

	Controls n=7,060	PD Cases n=7,060	p-value
Demographics			
Age, mean years	72.5	72.6	0.67
Female, %	38.2	38.9	0.41
Comorbid Conditions, %			
Myocardial Infarction	1.32	1.18	0.45
Congestive Heart Failure	1.67	1.53	0.5
Peripheral vascular disease	0.69	0.84	0.33
Cerebrovascular disease	2.07	2.31	0.33
Chronic pulmonary disease	3.6	3.13	0.12
Connective Tissue Disease-Rheumatic Disease	0.55	0.61	0.66
Peptic Ulcer Disease	0.75	0.65	0.48
Mild Liver Disease	0.17	0.18	0.84
Diabetes without complications	3.56	3.5	0.86
Diabetes with complications	0.27	0.38	0.24
Paraplegia and Hemiplegia	0.38	0.41	0.79
Renal Disease	0.86	0.89	0.86
Cancer	2.42	2.18	0.34
Moderate or Severe Liver Disease	0.04	0.04	1
Metastatic Carcinoma	0.3	0.3	1

Table 2. Annual utilization and costs (2013 UK pounds) over a 10-year period¹

Encounter type	Controls (N=7,060)		PD Cases (N=7,060)	
	Events/year Mean (sd)	Costs/year Mean (sd)	Events/year Mean (sd)	Costs/year Mean (sd)
Inpatient	0.4 (3.8)	£617 (1,175)	0.7 (2.4)	£1,517 (2,699)
Outpatient hospital	1.9 (4.7)	£58 (245)	5.5 (7.6)	£491 (653)
Accidents and emergency ²	0.3 (0.7)	£19 (42)	0.7 (1.1)	£51 (90)
Primary care	37.1 (39.7)	£1,233 (974)	68.6 (46.3)	£2,354 (1,285)
PD medication	0 (0)	£0 (0)	12.8 (9.9)	£388 (533)
Other medications	5.6 (8.4)	£74 (188)	11.3 (10.8)	£221 (1,722)
Total		£2,001 (2,000)		£5,022 (4,058)

¹ All differences in utilization and costs between controls and cases are significant at p<0.01

² including only A&E presentations leading to admission

Table 3. Annual utilisation and costs (2013 UK pounds) over a 10 year period among PD patients with and without advanced disease

Encounter type	Not advanced PD (N=3,102)		Advanced PD ¹ (N=3,958)	
	Events/year Mean (sd)	Costs/year Mean (sd)	Events/year Mean (sd)	Costs/year Mean (sd)
Inpatient	0.6 (3.1)	£1,162 (2,722)	0.7 (1.5)**	£1,795 (2,649)**
Outpatient hospital	5.7 (8.3)	£475 (648)	5.3 (6.9)	£503 (656)**
Accidents and emergency	0.5 (0.8)	£36 (81)	0.8 (1.2)**	£62 (95)**
Primary care	68.2 (49.6)	£2,185 (1,270)	68.9 (43.6)**	£2,486 (1,281)**
PD medication	12.8 (10.8)	£356 (462)	12.8 (9.0)	£414 (581)**
Other medications	10.4 (11.0)	£208 (2,644)	12.0 (10.5)**	£231 (348)**
Total		£4,422 (4,498)		£5,491 (3,602)**

¹ Advanced at any point during the 10-year follow-up period.

*p<0.05

**p<0.01 comparing advanced to non-advanced PD

Figure 1. Trends in annual cost (2013 UK Pounds) attributable to PD by year since diagnosis

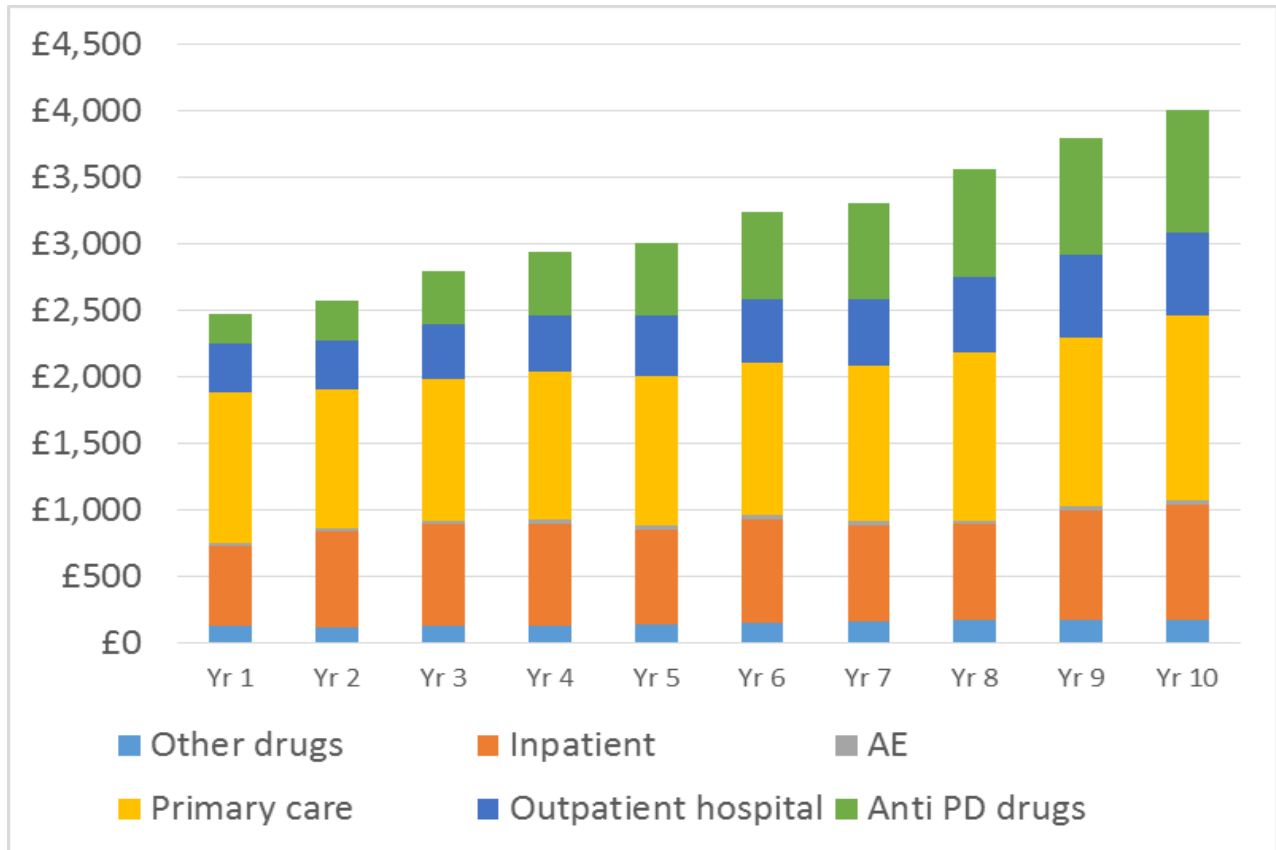


Figure 2. Mean annual cost (2013 UK Pounds) by dementia status

