

## Drug Treatments

Only one control remained un-medicated at the time of last follow-up (132 months post transplantation) all remaining patients and controls were prescribed medication to help control the features of their HD according to standard medical practice (Table 4). Patient 4 was prescribed L-dopa to treat the “slowness and exhaustion” that were his most troublesome problems. Three out of the five (60%) transplanted patients were started on the atypical antipsychotic medication, olanzapine, for the treatment of their HD between 36 and 105 months post-surgery. This compared to 7 out of 12 (58%) of the controls. Antidepressant medication was started in 1 transplanted patient (20%) immediately following surgery and 6 controls (50%) also received such treatment, between 42 and 120 months during the follow up period.

**Supplementary Table 1.** Drug Treatments pre/post-surgery

Patient	Drugs pre-op	Drugs at last follow-up (months after the first transplant before drug was started)
Patient 1	Nil	Mebeverine (108 mo), Tolterodine (108 mo), Temazepam 10mg(60 mo)
Patient 2	Paracetamol 6 times a day	Olanzapine 5mg (84 mo), Lamotrigine 100mg bd (89 mo)
Patient 3	Lofepramine 70mg bd	Olanzapine 7.5 mg (72 mo), Lofepramine 70 mg bd (0 mo), Bendroflurazide 2.5mg (108 mo)
Patient 4	Nil	Clomethiazole (48 mo), Nifedipine (30 mo), Bendroflurazide 2.5mg (24 mo), Doxazosin 4mg (30 mo), Oxybutynin 2.5mg (48 mo), Levodopa (Sinemet) (24 mo)
Patient 5	Ventolin Inhaler	Quetiapine 200mg (36 mo)
Control 1	Nil	Aspirin 75mg (24 mo), Candesartan 2mg (96 mo), Simvastatin 20mg (24 mo)
Control 2	Dothiepin 75mg	Citalopram 40mg (120 mo), Ranitidine 300mg (120 mo), Clonazepam 1mg (120 mo), Candesartan 2mg (120 mo), Cetirizine 10mg (120 mo)
Control 3	Carbamazepine 1200mg	Nil
Control 4	Nil	Citalopram 40mg (102 mo), Propranolol 80mg (102 mo), Olanzapine 5mg (108 mo), Oxybutynin (108 mo)
Control 5	Onmium, Vitamin B12	Amisulpiride 200mg (60 mo), Venlafaxine 150mg (42 mo), Minocycline 200mg (36 mo), Clonazepam 0.5mg (96 mo), Oxybutynin (96 mo), Atendronic acid (102)
Control 6	Nil	Olanzapine 5mg (66 mo)
Control 7	Carbamazepine 100mg	Olanzapine, Carbamazepine 400mg (96 mo), Bendroflumethiazide 2.5mg (36 mo), Citalopram 30mg (54 mo), Metformin 500mg (96 mo)
Control 8	Sulpiride 2000mg	Sulpiride 2000mg, Tetrabenazine 25mg (48 mo)
Control 9	Nil	Olanzapine 20mg (18 mo), Clonazepam 3mg (72 mo)

Control 10	Fluoxetine 20mg	Fluoxetine 20mg
Control 11	Nil	Olanzapine 5mg (18 mo)
Control 12	Fluoxetine 20mg	Sulpiride 400mg (72 mo), Citalopram 40mg (48 mo), Modafinil 100mg (66 mo), Olanzapine 2.5mg (84 mo), Mebeverine (84 mo)