

## Neurodegenerative disease risk among former international rugby union players

### Supplementary figures and tables

**Supplementary Table 1: ICD-9 and ICD-10 codes for outcomes assessed.**

	<b>ICD-9</b>	<b>ICD-10</b>
<b>Neurodegenerative disease</b>	290.0 to .4; 294.1 & .2; 331.0 to .2 & .6 to .9; 332; 335.2	F01 to F03; G12.2; G20; G21; G23.1 to .3, .8 & .9; G30; G31
<b>Dementia, not otherwise specified</b>	290.0 to .4; 294.1 & .2; 331.0 to .2 & .6 to .9;	F01 to F03; G23.1 to .3; G30; G31
<b>Motor neuron disease/ Amyotrophic lateral sclerosis</b>	335.2	G12.2
<b>Parkinson's disease</b>	332	G20; G21; G23.8 & .9
<b>Cardiovascular disease</b>	390 to 459	I00 to I99
<b>Respiratory disease</b>	460 to 519	J00 to J99
<b>Cancer</b>	140 to 239	C00 to D49

**Supplementary Table 2: British National Formulary (BNF) subsections and drugs assessed in the analysis of neurodegenerative disease related prescriptions.**

<b>BNF section</b>	<b>Drugs</b>
<b>4.9.1</b>	Apomorphine hydrochloride Apomorphine hydrochloride hemihydrate Carbidopa Co-beneldopa (Benserazide/levodopa) Co-careldopa (Carbidopa/levodopa) Entacapone Levodopa Levodopa/carbidopa/entacapone Opicapone Rasagiline mesylate Safinamide Selegiline hydrochloride Tolcapone
<b>4.9.2</b>	Orphenadrine hydrochloride Trihexyphenidyl hydrochloride
<b>4.9.3</b>	Riluzole
<b>4.11</b>	Donepezil hydrochloride Galantamine Idebenone Memantine hydrochloride Rivastigmine

**Supplementary Figure 1: Flow diagram of the creation of the final former international rugby player and matched general population comparison group.**

