

12. A method of selecting or excluding a subject for a particular therapy of a neurological disease, which comprises the method of imaging of any one of claims 1 to 10, or the method of diagnosis of claim 11.
- 5 13. A method of monitoring the efficacy of a course of therapy of a neurological disease of a subject, which comprises the method of imaging of any one of claims 1 to 10, or the method of diagnosis of claim 11.
14. A software tool suitable for carrying out:
- 10 (a) ~~steps (ii) and/or step (iii)~~ steps (ii) of the method of imaging of any one of claims 1 to 10; or
- (b) ~~one or more of steps (ii) to (v)~~ steps (ii) to (v) of the method of diagnosis of claim 11; or
- (c) the method of selection of claim 12; or
- (d) the method of monitoring of claim 13; or
- 15 (e) combinations of one or more of (a) to (d).
15. The software tool of claim 14, which runs on a personal computer, a gamma camera or a PET camera.
- 20 16. The software tool of claim 14 or 15, further comprising the database of ratios as defined in claim 11.
17. The use of the radiopharmaceutical suitable for imaging dopamine function as defined in any one of claims 1 to 6 in one or more of:
- 25 (i) the method of imaging of any one of claims 1 to 10;
- (ii) the method of diagnosis of claim 11;
- (iii) the method of selection of claim 12; or
- (iv) the method of monitoring of claim 13.
- 30 18. The use of the software tool as defined in any one of claims 14 to 16 in one or more of:
- (i) the method of imaging of any one of claims 1 to 10;
- (ii) the method of diagnosis of claim 11;
- (iii) the method of selection of claim 12;