Date of Exam: mm dd yyyy

1. **Radiopharmaceutical**
   1. Name of radiopharmaceutical:
   2. Source (manufacturer) of radiopharmaceutical:
   3. Synthesis process (reference, if available):
   4. Mechanism of action:
   5. Average time between synthesis and administration:
   6. Dosage (MBq):
   7. Molar activity (e.g. GBq/μmole):
   8. Injected mass:
   9. Minimum radiochemical yield (μSv):
   10. Minimum purity (%):
   11. Administration as  bolus or  infusion (infusion time (mins):)
2. **Hardware**
3. Scanner make:  GE  Philips  Siemens Toshiba  Other, specify:
4. Scanner model:
5. **Groups**
   1. Type(s) of participant (check all that apply):

Patients (specify diagnosis):

Healthy controls

* 1. Experimental conditions/tasks:  Yes  No
     1. If yes, describe:

1. **Acquisition**
   1. Scan Location (check all that apply):  whole body  brain only
   2. Length of scan:
   3. Matrix size (number of voxels x, y, z):
   4. Voxel size (millimeter x, y, z):
   5. Gaussian filter:
   6. Slice thickness:
   7. Acquisition plane:  axial  coronal  sagittal  other, specify:
   8. Corrections applied during acquisition:  Yes  No
      1. If yes, describe:
   9. Patient preparation (e.g. fasting):
   10. Dynamic acquisition:  Yes  No
   11. Brain structural MRI also acquired?  Yes  No
   12. Arterial blood activity measured:  Yes  No
   13. Peripheral blood activity measured:  Yes  No
   14. Metabolites measured:  Yes  No
   15. Was any pharmacologic effect observed?  Yes  No
   16. Did any adverse events related to the radiopharmaceutical occur?  Yes  No
   17. Software package(s) and versions used:
2. **Processing**

None-routine visual analysis

Co-registered to MRI

Co-registered CT

3D stereotactic surface projection (SSP)

Other, specify:

1. **Analysis**

Visual

Semi quantitative (ROI AI)

Quantitative (ROI)

Voxel based (SPM)

* 1. Reference region used:  Yes  No
     1. If yes, describe brain reference region:
  2. Software package(s) and versions used:

1. **Study Conclusion**:  differences or abnormalities found

no differences or abnormalities found

inconclusive

**GENERAL INSTRUCTIONS:** Important note: All elements on this CRF are considered Supplemental – Highly Recommended and should be collected as part of a PET study.