1. \*\*Radioligand (choose only one):

Ioflupane

IACFT

β-CIT

FDG

Florbetapir

Florbetaben

PIB

DOPA

MIBG

Fluoro-metatyrosine (FMT)

DTBZ, specify:

Other, specify:

1. \*\*Specific activity of radioligand:

(Bq/kg):

Not Known

1. \*\*Isotope:

123-I

18-F

11-C

99 Tcm

Other, specify:

1. \*\*Camera :

PET/CT

PET MRI

PET

SPECT

SPECT/CT

Other, specify:

1. \*\*Scanner (include Model and Manufacturer):

Siemens

Model:

Philips

Model:

GE

Model:

Other, specify:

Model:

1. \*\*Camera Software:
2. \*\*Dose:

mCi

Mbq

Other, specify:

1. \*\*Time from Injection to Scan (minutes):
2. \*\*Duration of Scan (minutes):
3. \*\*Image Matrix Size:

64 X 64

128 X 128

512 X 512

Other, specify:

1. \*\*Slice Thickness (mm):
2. \*\*Pre-Scan Action(s):

Lugols

Perchlorate

Limit sensory stimulation

Carbidopa, specify:

Other, specify:

1. \*\*Time of Scan Initiation:
2. \*\*PD Medications:  Yes  No

\*\*If YES, list the last dose of PD medications:

**Table 3: Medication Timing**

| Parkinson’s Disease (PD) Medication | Time of Last Dose |
| --- | --- |
| Data to be filled in by site | Data to be filled in by site |
| Data to be filled in by site | Data to be filled in by site |
| Data to be filled in by site | Data to be filled in by site |
| Data to be filled in by site | Data to be filled in by site |

1. \*\*Current Body Weight (kg):
2. \*\*Status of participant during scan:

Directly observed

Movements recorded

1. \*\*Post Injection Management Prior to Scan:

No special management required

Quiet room

Eyes open

Other, specify:

1. \*\*Reconstruction of Raw Data:

Iterative  Filtered back projection  Other, specify:

1. \*\*Attenuation Correction:

Homogenous

Inhomogenous

Other, specify:

1. \*\*Scatter Correction:  Yes  No
2. \*\*Deadtime Correction:  Yes  No
3. \*\*Randoms Correction:  Yes  No
4. \*\*Post Reconstruction Filter:

Butterworth

Lowpass

1. \*\*Reconstructed Image Resolution (FWHM):
2. \*\*Visual Analysis:

Normal

Abnormal

Other, specify:

1. \*\*Where visual analysis was performed:

Site

Central

Other, specify:

1. \*\*Was the visual analysis performed blinded to clinical data?

Yes

No

Unknown

Other, specify:

1. \*\*Imaging Outcome:

Volume of interest

Voxel based

Other, specify:

1. \*\*Method for VOI Placement:

Automated

Subjective Placement

Other, specify:

1. \*\*VOI Locations:

Striatum

Cortex

Other, specify:

1. \*\*Reference Region:
2. \*\*MRI Acquired for Co-registration:  Yes  No
   1. If YES, date of MRI acquisition (mm/dd/yyyy)
3. Quantitative Imaging Outcome:  Yes  No

If YES, indicate type:

DAT

Ioflupane (SPECT)

IACFT (SPECT)

β-CIT

CFT (PET)

VMAT2

AV133

DTBZ

Tyrosine Hydroxylase

Fluoro-metatyrosine (FMT)

FDopa

Striatal (Regional) Binding Ratios

Putamen Binding Ratio

Caudate Binding Ratio

Other, specify:

Amyloid Imaging Standard Uptake Value (SUV)

Amyloid Imaging Binding Potential

Amyloid Imaging Volume of Distribution

Amyloid Imaging Mean Cortical Binding Potential

Amyloid Imaging Centiloids

Neocortex

Posterior cingulate/precuneus

Frontal

Parietal

Lateral

Temporal

Mesiotemporal

Anterior cingulate

Striatum

Cerebellar gray

Whole cerebellum

Other, specify:

Scan aborted, if checked, explain why:

Other, specify:

General Instructions

This CRF contains data that would be collected when an imaging study is performed to measure cellular/tissue change. The data recorded assess the rate of absorption of radionuclides in healthy and diseased tissue, as tissue undergoing a disease process will absorb at a different rate.

Important note: None of the data elements included on this CRF Module are classified as Core (i.e., strongly recommended for all Parkinson’s disease clinical studies to collect). Most of the data elements are classified as Supplemental – Highly Recommended, as indicated by asterisks below, and should be collected if imaging studies are performed.

\*\*Element is classified as Supplemental – Highly Recommended

Quantitative imaging outcome is classified as Supplemental and should only be collected if the research team considers this appropriate for their study. Please see the Data Dictionary for element classifications.

Specific Instructions

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.