FOG-COA DATA STRUCTURE – U Waterloo

1. **Folderstructure (Local data stays onsite)**

uw/

**source\_data/**

Cx\_sub00x\_FR

core/

7day-monitor/ 🡪 C7\_s00x\_FR\_7day.cwa

blurred-videos/ 🡪 all subject’s blurred videos analyzed using python deface script (.mp4) x 80 \*\* sorted afterwards

ses-01/

off/

opal/ 🡪 APDM Mobility Lab (.h5) files x10

frontal/  🡪 blurred videos (.mp4) files x10

sagittal/ 🡪 blurred videos (.mp4) files x 10

on/

opal/ 🡪 APDM Mobility Lab (.h5) files x10

frontal/  🡪 blurred videos (.mp4) files x10

sagittal/ 🡪 blurred videos (.mp4) files x10

C7\_s00x\_FR\_moca.pdf

ses-02/ *Same structure as ses-01*

auxillary/

7day-monitor/

Axivity/ 🡪 axivity screenshots (.docx) & raw files for axivity monitors (.cwa) x 5

Bittium/ 🡪 raw (.EDF) and processed (.ASC & .SDF) files

ses-01/

off/

opal/ 🡪 all APDM Mobility Lab export files, raw Data (.h5), .csv and error screenshots

sync app time form (.xls)

on/

opal/ 🡪 all APDM Mobility Lab export files, raw Data (.h5), .csv and error screenshots

sync app time form (.xls)

ses-02/ *Same structure as ses-01*

Cx\_sub00x\_NF

core/

7day-monitor/ 🡪 C7\_s00x\_NF\_7day.cwa

blurred-videos/ 🡪 all subject’s blurred videos analyzed using python deface script (.mp4) x 40 \*\* sorted afterwards

ses-01/

off/

opal/ 🡪 APDM Mobility Lab (.h5) files x10

frontal/  🡪 unblurred videos (.mp4) files x10

sagittal/ 🡪 unblurred videos (.mp4) files x 10

on/

opal/ 🡪 APDM Mobility Lab (.h5) files x10

frontal/  🡪 unblurred videos (.mp4) files x10

sagittal/ 🡪 unblurred videos (.mp4) files x10

C7\_s00x\_NF\_moca.pdf

auxillary/

7day-monitor/

Axivity/ 🡪 axivity screenshots (.docx) & raw files for axivity monitors (.cwa) x 5

Bittium/ 🡪 raw (.EDF) and processed (.ASC & .SDF) files

ses-01/

off/

opal/ 🡪 all APDM Mobility Lab export files, raw Data (.h5), .csv and error screenshots

sync app time form (.xls)

on/

opal/ 🡪 all APDM Mobility Lab export files, raw Data (.h5), .csv and error screenshots

sync app time form (.xls)

**derived\_data /**

Cx\_sub00x\_FR

core/

7day-monitor/ 🡪 C7\_s00x\_FR\_7day.csv

ses-01/

off/

opal/ 🡪 APDM Mobility lab processed files (.csv) x 10

blurred/

frontal/  🡪 blurred videos (.mp4) files x10

sagittal/ 🡪 blurred videos (.mp4) files x 10

annotations/

frontal/  🡪 annotated elan videos (.eaf and .pfsx) files x10

sagittal/ 🡪 annotated elan videos (.eaf and .pfsx) files x 10

annotations export/ 🡪 exported annotation files (.csv) x 20

on/

opal/ 🡪 APDM Mobility lab processed files (.csv) x 10

blurred/

frontal/  🡪 blurred videos (.mp4) files x10

sagittal/ 🡪 blurred videos (.mp4) files x 10

annotations/

frontal/  🡪 annotated elan videos (.eaf and .pfsx) files x10

sagittal/ 🡪 annotated elan videos (.eaf and .pfsx) files x 10

annotations export/ 🡪 exported annotation files (.csv) x 20

ses-02/ *Same structure as ses-01*

auxillary/

7day-monitor/

Axivity/ 🡪 processed files for axivity monitors x 5

Bittium/ 🡪 processed files for ECG

ses-01/

off/

on/

ses-02/ *Same structure as ses-01*

**File Naming conventions**

1. **Site IDs (alphabetical order)**

* C1 = Emory University (Atlanta)
* C2 = KU Leuven (Leuven)
* C3 = Radboud University Medical Center (Nijmegen)
* C4 = Oregon Health & Science University (Portland)
* C5 = University of Sydney (Sydney)
* C6 = Tel Aviv Sourasky Medical Center (Tel Aviv)
* C7 = University of Waterloo (Waterloo)

1. **Subject IDs**

<siteID>\_sub-<subID number (3 digits)>\_<groupID>

*e.g. C7\_sub001\_FR*

* **GroupID**
* FR = patients with freezing of gait
* NF = patients without freezing of gait
* CO = companion

1. **SessionID**

* ses-<session number (2 digits)>

*e.g. ses01*

1. **FOG- Trial IDs**

* stwalk = single task walking
* dtwalk = dual task walking
* stturn = single task 360° turn
* dtturn = dual task 360° turn
* stshuf = single task box shuffle
* stdoor = dual task doorway
* stcarr = carrying
* stagil = box agility
* In case a trial is repeated, the suffix “-retr#” has to be added (where # is a number starting at 1).

1. ***Plane IDs***

* front = frontal
* sagit = sagittal

1. ***Medication status***

* off = off medication
* on = on medication

Source data

* ***Sensor***

<siteID>\_sub<subID-num>\_<groupID>\_<sesIDnum>\_<medication status>\_<trialID>-<(retr#)>.<ext>

*e.g. C7\_sub001\_FR\_ses01\_off\_dtwalk.h5*

*e.g. C7\_sub001\_FR\_ses01\_off\_dtwalk-retr1.h5*

* ***Video***: NOT on ManGO!

<siteID>\_sub<subID-num>\_<groupID>\_<sesIDnum>\_<medication status>\_<trialID>-<(retr#)>\_<plane>\_unblur.<ext>

*e.g. C7\_sub001\_FR\_ses01\_off\_dtwalk\_sagit\_unblur.mp4*

Derived data

* ***Sensor***

<siteID>\_sub-<subID-num>\_<groupID>\_<sesID-num>\_<medication status>\_<trialID><(-retr#)>.<ext>

*e.g. C7\_sub001\_FR\_ses01\_off\_dtwalk.csv*

* ***Video***
* Blurred

<siteID>\_sub<subID-num>\_<groupID>\_ses<sesID-num>\_<medication status>\_<trialID><(-retr#)>\_<plane>\_blur.<ext>

*e.g. C7\_sub001\_FR\_ses01\_off\_sagit\_blur.mp4*

* Annotations Elan
  + - * Elan creates 2 files (.eaf and .pfsx) with the same name as the video that is imported.

<siteID>\_sub<subID-num>\_<groupID>\_ses<sesID-num>\_<medication status>\_<trialID><(-retr#)>\_<plane>\_blur.<ext>

* + - * Plane = sagit OR front

*e.g. C7\_sub001\_FR\_ses01\_off\_dtwalk\_sagit\_blur.eaf*

*e.g. C7\_sub001\_FR\_ses01\_off\_dtwalk\_sagit\_blur.pfsx*

* Annotations Export
  + Elan export creates the same name as the video/annotation files.

<siteID>\_sub<subID-num>\_<groupID>\_ses<sesID-num>\_<medication status>\_<trialID><(-retr#)>\_<plane>\_blur.<ext>

* Plane = sagit OR front

*e.g. C7\_sub001\_FR\_ses01\_off\_dtwalk\_sagit\_blur.csv*

**7-Day monitoring**

1. Source data

* <siteID>\_sub-<subID-num>\_<groupID>\_7day.<ext>

*e.g. C7\_sub001\_FR\_7day.cwa*

1. Derived data

* <siteID>\_sub-<subID-num>\_<groupID>\_7day.<ext>

*e.g. C7\_sub001\_FR\_7day.csv*

**Online interview (outdated and not relevant to UW)**

1. Source data: NOT ON ManGO!

* ***Zoom***

<siteID>\_sub-<subID-num>\_<groupID>\_<sesID-num>\_<interviewer initials>\_zoom.<ext>

e.g. *C7\_sub001\_FR\_ses03\_EN\_zoom.mp4*

* ***Voice recorders (vc-num)***

<siteID>\_sub-<subID-num>\_<groupID>\_<sesID-num>\_<interviewer initials>\_vc-<number>.<ext>

e.g. *C7\_sub001\_FR\_ses03\_EN\_vc-1.mp4*

* ***Xmind***
* Xmind file

<siteID>\_sub-<subID-num>\_<groupID>\_<sesID-num>\_<interviewer initials>\_Xmind.<ext>

e.g. *C2\_sub-001\_FR\_ses-03\_EN\_Xmind. ???*

* Expanded Xmind file

<siteID>\_sub-<subID-num>\_<groupID>\_<sesID-num>\_<interviewer initials>\_Xmind-ext.<ext>

e.g. *C2\_sub-001\_FR\_ses-03\_EN\_Xmind-ext.pdf*

1. Derived data

* **Transcript**

<siteID>\_sub-<subID-num>\_<groupID>\_<sesID-num>\_<interviewer initials>\_transcript.<ext>

e.g. *C2\_sub-001\_FR\_ses-03\_EN\_transcript.txt*