

AMYPAD Deliverable 2.2

Clinical Imaging network set up

& sites certified

Publishable Summary

The aim of this document, as stated in the AMYPAD Description of Action (DoA), is to outline the procedures to be implemented in order to ensure site qualification as per deliverable D2.2. After having agreed these procedures, site availability and documented sign-off of each site qualification will ensue in advance of the planned first-patient-first-visit (FPFV). This deliverable will outline the procedures that have been designed to ensure best attainable image quality and that will be required to be implemented at the participating clinical sites.

The procedures in this document include 1) the evaluation and qualification of scanners to ensure imaging equipment is fit-for-purpose, 2) the training of sites in PET image data acquisition and transfer, and 3) the verification that sites have been adequately trained in reading and recording visual amyloid assessment. The specifics of these procedures will differ depending on the protocols expected to be implemented by each site.

Within AMYPAD, two levels of acquisition protocols are considered: a standard amyloid PET acquisition protocol and advanced acquisition protocols. The procedures here described should be regarded as definitive for the standard protocol but conditional to a final version of the advanced protocols (such as dynamic PET imaging and PET/MRI acquisitions). This prioritization stems from the fact that standard protocols (and not advanced ones) fall in the critical path of the project execution. Final advanced protocols will be consolidated in the near future and will not have an impact on the scheduled date for the FPI for those protocols.

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