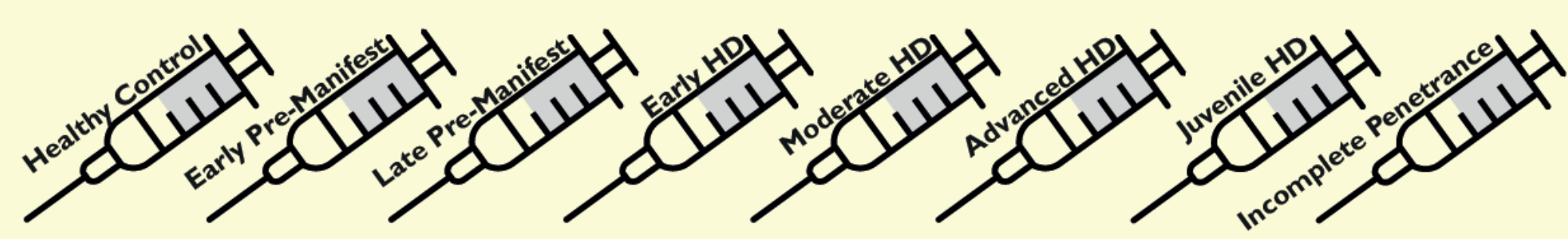


What is The Aim of HDClarity?

TO ADVANCE HD RESEARCH

COLLECT: We are building a collection of high-quality cerebrospinal fluid (CSF), plasma and serum samples across 8 study groups for evaluation of biomarkers and molecular pathways relevant to Huntington's Disease (HD) pathophysiology and therapeutic development.



CSF represents an optimal biofluid for the assessment of HD biomarkers due to its anatomical and physiological proximity to the central nervous system. In addition, high quality plasma and serum samples are also collected matching the CSF collections. HDClarity samples are processed, logged and deposited for long-term storage at BioRep s.r.l. For more information, please see HDClarity website at <https://hdclarity.net/>.

DISTRIBUTE: Samples can be requested by investigators around the world, allowing them to conduct groundbreaking research.

HDClarity samples can be used in several ways, including:

- Discovering new ways to monitor HD progression
- Supporting clinical trials of potential treatments
- Understanding HD progression
- Combining data across studies
- Improving research methods

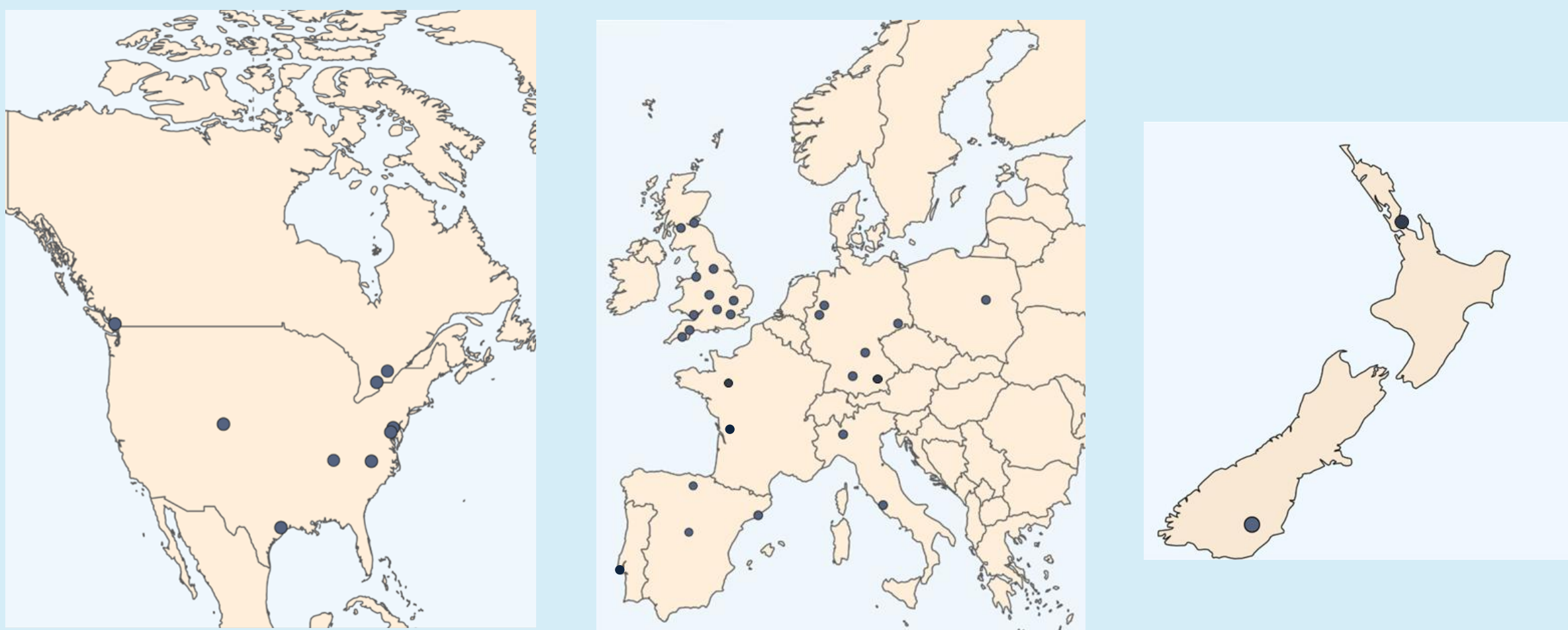
To request HDClarity samples for your research please see information at: <https://enroll-hd.org/for-researchers/access-data-biosamples>.

HDClarity Safety

Our data show that after **2084** spinal taps, the most common side effect is a mild or moderate headache. Only six severe adverse events were reported, corresponding to **0.29%** of the total number of sampling visits.

Where Are HDClarity Sites Located?

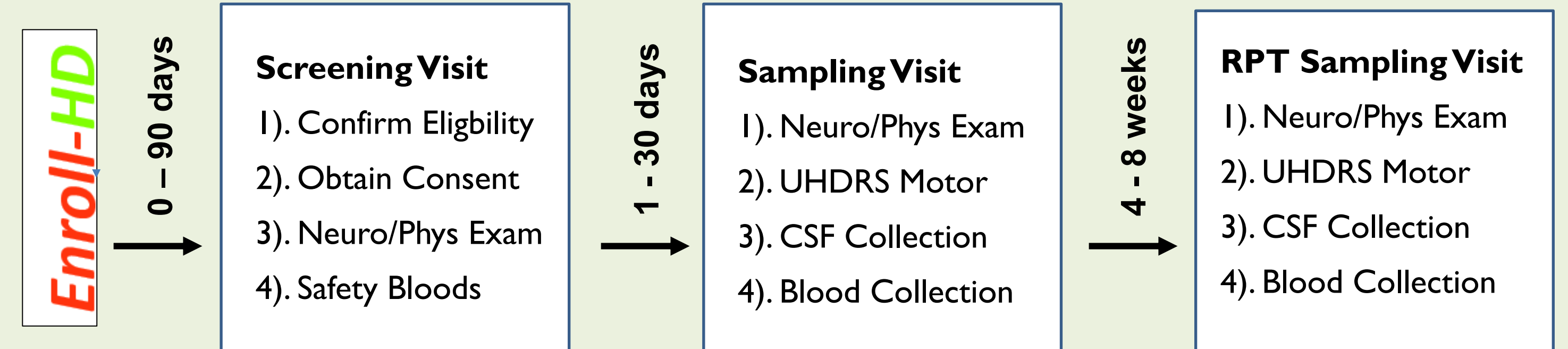
HDClarity has continued to expand and is now active at **38** clinical sites, across **10** nations worldwide.



We are actively working to commence the study at more sites across Australasia, Europe, North and South America.

What Does HDClarity Participation Involve?

Participants attend annually and take part in two visits (Screening and Sampling) within a 30-day window. Some may attend an Optional Repeat Sampling visit 4-8 weeks later:

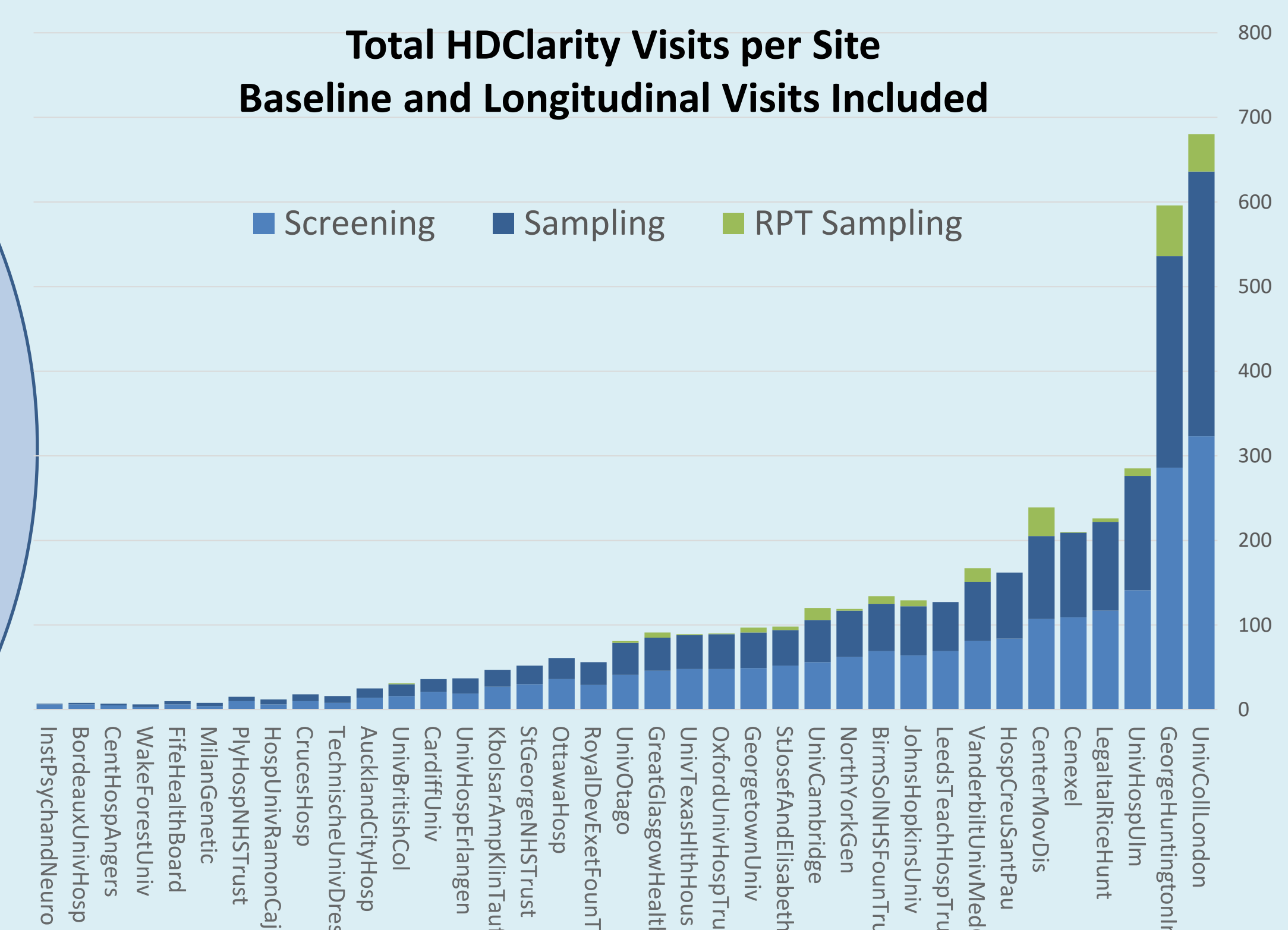


There is 10-14 months between annual Screening Visits.

In total, we hope to enroll **2500** individuals.

How Many HDClarity Visits Have Been Conducted So Far?

In total, we have completed **2110** Screening visits, **1863** Sampling visits, and **221** Optional Repeat Sampling visits.



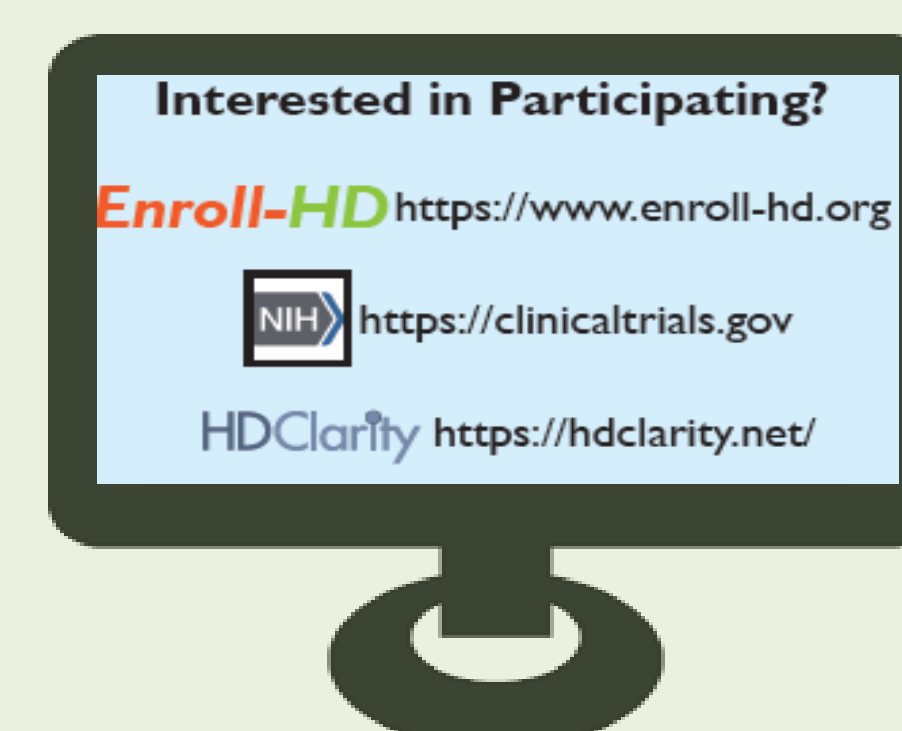
Jun 01, 2026

How Can I Get Involved In HDClarity?

Sites – if you would like to join as a study site, please contact HDClarity Central Coordination (HDClarity-CC@enroll-hd.org).

Participants – you must already be participating in Enroll-HD and can speak to your site staff.

For more detailed HDClarity information, view our dedicated study homepage at **HDClarity.net** and follow us on BlueSky - **@hdclaritystudy.bsky.social**



We would like to thank all the clinical sites and most importantly, the HD community, whose dedication and perseverance is vital to the success of HDClarity.

How are HDClarity Samples Being Used in Research?

Publicly available biomarker datasets derived from HDClarity samples

- Periodic DataSet 4 (PDS4) comprising data from approximately 900 study participants
- CSF biomarker assay results, N=220. Neurofilament light, haemoglobin, total protein, mutant huntingtin, total huntingtin
- Somalogic proteomic data, N=579. Over 7,600 protein analytes in CSF and serum
- Olink proteomic data, N=579. 2,925 proteins measured in CSF and serum
- Mass Spec proteomic data, N=478. Unbiased LC/MS of CSF and plasma

Recent publications using HDClarity data:

- Asgari AM et al. "24S-Hydroxycholesterol: A potential brain-derived biomarker of Huntington's Disease." medRxiv (preprint)

Posters at HDTC 2026

- A harmonised NFL dataset across Enroll-HD, Track-HD, Track-On and HD-Clarity using the IVD grade Elecsys® NFL assay. Tasiudi et al.
- CSF and Plasma Extracellular Vesicle Proteins as Potential Biomarkers in Huntington's Disease. Papadopoulos et al.
- Exploratory analysis of PENK and PDYN as early markers of HD onset and progression. Paladan et al.

So far, HDClarity samples have been distributed for 40 projects and there are nine ongoing projects at various stages!

