Figure 1

'Premanifest' Motor diagnosis 'Manifest'

Motor impairment
Cognitive impairment/dementia
Chorea

Functional abilities

Presymptomatic Prodromal Clinical stages

Function (%)

Signs and symptoms (%)

Age (years)

CAP score

100
(normalized)

Typical adult onset

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Figure 2

European
East Asian
African

Prevalence per 100,000

Mean CAG repeat length

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Figure 3

Toxicity from polyQ repeat length-dependent changes in
- Monomer conformation?
- Interactions with other molecules and cell structures?
- Formation of oligomers and larger aggregates?

Figure 4

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Figure 5

Control

Prodromal Huntington's disease

Cortical grey matter
Subcortical white matter
Lateral ventricle
Caudate
Putamen

Figure 6

Life milestones
Disease milestones

Parent diagnosed
Finishes school, gets a job
Marriage
Starts a family
Predictive testing
Affected parent dies
Awareness of symptoms
Diagnosis
Unable to work
Requires 24h care
Death

Physical health
Psychological
Level of independence
Social relationships
Environment
Spiritual–religious

Quality of life
Age (years)