sclera, venous pattern, ascites, and right upper quadrant tenderness.

The history of porphyria was determined by asking participants the question "Have you ever been told by a doctor that you had porphyria?" The history of symptoms suggestive of porphyria was determined by asking participants the question "Have you ever had a medical condition in which you had unusual blistering of sun-exposed skin combined with dark, reddish urine?" Dermatologists were asked to rate on a 5 point scale (1=very unlikely to 5=highly likely) the extent to which the participant's dermatologic examination was consistent with a diagnosis of porphyria cutanea tarda. The history of central nervous system dysfunction was determined by participants' self-reporting of neuropsychiatric symptoms on the medical history questionnaire. The history of elevated blood lipids was determined by asking the question "Has a doctor ever told you that you had high fat or cholesterol in your blood?" The history of peripheral neuropathy was determined by asking the question "Have you ever been told by a doctor that you had neuritis, or other problems with the nerves in your hands or feet that were not caused by an injury?" Participants were also asked to report if they had ever experienced numbness or tingling in the fingers or toes that lasted for a day or more, loss of muscle strength in the arms or hands, or difficulty moving fingers or grasping things that were not due to an accident or injury. The prevalence of physical findings consistent with peripheral neuropathy was determined by neurologists' examination which included tests of pinprick discrimination, vibration sensitivity, stocking glove neuropathy as measured by distal to proximal marching pinprick; reflexes, tremor; and muscle atrophy, strength, and tone.

Neurobehavioral outcomes were measured using the Neurobehavioral Examination System (NES) [Baker]. The NES battery included vocabulary, pattern memory, serial digit learning, symbol digit substitution, finger tapping, hand-eye coordination, continuous performance test, and mood scales. Test data were scored and summarized using NES software. Technicians administering the test battery kept a logbook in which they

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