

Supplementary Digital Content 7

Box. Suggested additional phenotypes

MORE EXTENSIVE PHENOTYPING (*based on panel discussion*)

- Further demographic information
 - Income and educational level
 - Family history of chronic pain especially of neuropathic pain
 - Hand dominance
- Psychological profiling
 - Anxiety, depression, catastrophizing, somatization, post-traumatic pain disorder, personality
- Detailed pain characterisation
 - Temporal pattern of the pain (frequency, duration, changes in intensity)
 - Measures of unpleasantness and suffering
 - Analysis of multiple pain sites
 - Assessment of heat hyperalgesia
 - In-depth assessment of pain quality and intensity (e.g., neuropathic pain symptom inventory)
 - Interval between any inciting event and onset of pain
 - Further questionnaire tools to increase accuracy of diagnosis
 - Sleep disruption
 - Past and present pain treatments and their outcomes
- Smaller cohorts, depending on feasibility, may be further phenotyped by:
 - Clinical examination
 - Quantitative sensory testing
 - Intra-epidermal nerve fibre density
 - Test-retest to confirm reliability and stability of phenotype over time