**Data S2: Protocol**

TNP Patient (V2)

- Functional MRI
  - Group Analysis
    - Brush Allodynia
      - V2

- Anatomical MRI (2 separate scans)
  - Group Analysis
    - Cortical Reconstruction
      - ROI Parcellation
        - CONTRAL vs IPSIL (supplementary data)
        - TNP vs HC
          - FUNCTIONAL + ANATOMICAL SURFACE RENDERING (Inflated)
          - CONTRAL vs CONTRAL (Cortical Thickness)
          - IPSIL vs IPSIL (Cortical Thickness)

- Age and Gender Matched
  - Healthy Controls (2 sequential scans)
    - CONTRAL vs IPSIL (supplementary data)