**Supplementary figure 1:** Flowchart of the steps involved in the dose-response analysis

1. Excluded: participants with missing values, job history of <15 y or >55 y, overlapping jobs
2. UK Biobank job history according to the UK SOC 2000 system, translated to US SOC 2010 codes
3. Manual work exposure score of each US SOC 2010 job standardised from O*NET database
4. Total manual work exposure calculated for each participant (sum of job O*NET score x years in that job)
5. Total manual work exposure split into quintiles by increments of 750 O*NET-score x years
6. Propensity score matching of cases (usually/always manual work) versus controls (rarely/never manual work)
7. Generalised linear mixed effects model. Exposure = total manual work exposure score. Outcome = DD
**Supplementary Figure 2:** The relationship between Dupuytren’s disease and manual work exposure.
Supplementary figure 3a: Covariate balance before and after matching (current manual work response analysis)
Supplementary figure 3b: Covariate balance before and after matching (dose-response analysis)