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| S2 Table. Evaluation of risk of bias (quality criteria)**Raynaud’s phenomenon** |
| Criterion  | Alternative | Score |
| Subjective symptom description | Doctor’s anamnesis (interview)Symptom report and colour chart\*QuestionnaireMissing | 321 0 |
| Clinical investigation | Doctor’s examinationMissing  | 2 0 |
| Objective investigation  | COP, FSBP Re-warming Missing  | 21 0 |
| Control of diagnostic methods | Method-, Subject, environment Missing  | 1 0 |
| Checking for diff. diagnosis alternative causes | Doctor’s examination, lab screening, medicine Missing  | 1 0 |
| Stadium classified | YesNo  | 2 0 |
| **Neurosensory symptoms** |
| Criterion  | Alternative | Score |
| Subjective symptom description | Doctor’s anamnesis (interview)Anamnesis QuestionnaireMissing | 3210 |
| Clinical investigation | Doctor’s examinationMissing  | 2 0 |
| Objective investigation  | Morphological or Electrical DiagnosticsMissing  | 20 |
| Semi-objective investigation  | QST: vibration, temperature, otherMissing  | 20 |
| Control of diagnostic methods | Method-, Subject, environment Missing | 10 |
| Checking for diff. diagnosis alternatively cause | Doctor’s examination, lab screening, medicine Missing  | 10 |
| Stadium classified | YesNo  | 2 0 |
| **Carpal tunnel syndrome** |
| Criterion  | Alternative | Score |
| Subjective symptom description | Doctor’s anamnesis (interview)Symptom report QuestionnaireMissing | 321 0 |
| Clinical investigation | Doctor’s examination, Phalen, Tinel Missing  | 2 0 |
| Objective investigation  | Morphological or Electrical DiagnosticsMissing | 4 0 |
| Control of diagnostic methods | Method, Subject, environment Missing | 1 0 |
| Checking for diff. diagnosis alternatively cause | Doctor’s examination, lab screening, medicine Missing  | 1 0 |
| Stadium classified | YesNo  | 2 0 |
| **Exposure** |
| Criterion  | Alternative | Score |
| Current exposure acceleration (m/s2) | Objective measures Subjective estimates No information | 21 0 |
| Current exposure time (hours/day) | Objective measures Subjective estimates No information | 210 |
| Information about previous acceleration | Objective measures Subjective estimates No information  | 21 0 |
| Information about previous exposure (years) | Objective measures Subjective estimates No information  | 21 0 |
| Information about previous exposure (hours/day) | Objective measures Subjective estimates No information | 21 0 |
| **Method** |
| Criterion  | Alternative | Score |
| Study design | RCT Cohort Case-control Cross-section | 8 6 42 |
| Selection | Response rate higher than 70% or falling off at follow-up less than 30%Not met | 2 0 |
| Control of individual confounding factors | YesNo | 20 |

\* Negro C, Rui F, D'Agostin F, Bovenzi M. Use of color charts for the diagnosis of finger whiteness in vibration-exposed workers. International archives of occupational and environmental health. 2008 Apr;81(5):633-8.