**Quality assessment**

**QualSyst (Standard Quality Assessment Criteria For Evaluating Primary Research Papers)**

**Checklist for assessing the quality of quantitative studies**

Researcher performing quality assessment: Felicitas Mügge

Date: 26.01.2020

|  |
| --- |
| Author Michiel F. Dirkx |
| Year 2017 |
| Article Title Dopamine controls Parkinson's tremor by inhibiting the cerebellar thalamus |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Criteria** | | **Yes (2)** | **Partial (1)** | **No (0)** | **NA** |
| **1** | Question / objective sufficiently described? | **X** |  |  |  |
| **2** | Study design evident and appropriate? | **x** |  |  |  |
| **3** | Method of subject/comparison group selection *or* source of information/input variables described and appropriate? | **x** |  |  |  |
| **4** | Subject (and comparison group, if applicable) characteristics sufficiently described? | **x** |  |  |  |
| **5** | If interventional and random allocation was possible, was it described? |  |  |  | **x** |
| **6** | If interventional and blinding of investigators was possible, was it reported? |  |  |  | **x** |
| **7** | If interventional and blinding of subjects was possible, was it reported? |  |  |  | **xx** |
| **8** | Outcome and (if applicable) exposure measure(s) well defined and robust to measurement / misclassification bias?  Means of assessment reported? | **x** |  |  |  |
| **9** | Sample size appropriate? | **X** |  |  |  |
| **10** | Analytic methods described/justified and appropriate? | **x** |  |  |  |
| **11** | Some estimate of variance is reported for the main results? | **x** |  |  |  |
| **12** | Controlled for confounding? |  |  |  | **x** |
| **13** | Results reported in sufficient detail? | **x** |  |  |  |
| **14** | Conclusions supported by the results? | **x** |  |  |  |

Kmet L, Lee R, Cook L. Standard Quality Assessment Criteria for Evaluating Primary Research Papers from a Variety of Fields. Alberta Heritage Foundation for Medical Research; 2004. 31 p.