**Appendix 2**

**2A) Methodological quality standards for derivation of a clinical prediction rule14**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Yes** | **No** | **Not reported** |
| Internal Validity |  |  |  |
| **1. Were those assessing the outcome event blinded to presence of predictors?** |  |  |  |
| **2. Were those assessing the presence of predictors blinded to the outcome event?** |  |  |  |
| **3. Adequate sample size? (including outcome events)** |  |  |  |
| **4. Clinically sensible?** |  |  |  |
| External validity |  |  |  |
| **1. Were all important predictors included in the derivation process?** |  |  |  |
| **2. All important predictors present in a significant proportion of the study population?** |  |  |  |
| **3. (a) All predictors clearly defined?** |  |  |  |
| **(b) All outcome events clearly defined?** |  |  |  |

**2B) Methodological quality standards for validation of a clinical prediction rule** 14

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes | No | Unreported |
| **1. Were those assessing the outcome event blinded to presence of predictors?** |  |  |  |
| **2. Were those assessing the presence of predictors blinded to the outcome event?** |  |  |  |
| **3. Was there ≥80% follow up of those enrolled?\*** |  |  |  |
| **4. Were patients selected in an unbiased fashion?** |  |  |  |
| **5. Do patients represent a wide spectrum of severity of disease?** |  |  |  |

\*this criterion was modified from the original publication

**Note: Guidance notes were developed for each criterion (available from authors on request)**