### GRRAS (Guidelines for Reporting Reliability and Agreement Studies) Checklist

| Item to be reported | Reported on Page Number/Line Number | Reported on Section/Paragraph |
|---------------------|-------------------------------------|------------------------------|
| **TITLE AND ABSTRACT** | | |
| 1 Identify in title or abstract that interrater/intrarater reliability or agreement was investigated. | Page 2/ Line 67 | Methods/ Paragraph 1 |
| **INTRODUCTION** | | |
| 2 Name and describe the diagnostic or measurement device of interest explicitly. | Page 4/ Line 99-101; 114 | Introduction/ Paragraph 1 |
| 3 Specify the subject population of interest. | Page 4/ Line 100 | Introduction/ Paragraph 1 |
| 4 Specify the rater population of interest (if applicable). | N/A | N/A |
| 5 Describe what is already known about reliability and agreement and provide a rationale for the study (if applicable). | Page 4/ Line 117-120; | Introduction/ Paragraph 3 |
| **METHODS** | | |
| 6 Explain how the sample size was chosen. State the determined number of raters, subjects/objects, and replicate observations. | Page 6/ Line 147-149 | Methods/ Paragraph 1 |
| 7 Describe the sampling method. | Page 6/ Line 150 | Methods/ Paragraph 1 |
| 8 Describe the measurement/rating process (e.g. time interval between repeated measurements, availability of clinical information, blinding). | Page 9/ Line 226-232 | Image analysis/ Paragraph |
| 9 State whether measurements/ratings were conducted independently. | Page 9/ Line 230-232 | Image analysis/ Paragraph |
| 10 Describe the statistical analysis. | Page 9/ Line 233-249 | Statistical analysis/ |
| **RESULTS** | | |
| 11 State the actual number of raters and subjects/objects which were included and the number of replicate observations which were conducted. | Page 10/ Line 252; Page | Results/ Paragraph 1; 5 |
| 12 Describe the sample characteristics of raters and subjects (e.g. training, experience). | Page 12/ Line 297-298 | Results/ Paragraph 5 |
| 13 Report estimates of reliability and agreement including measures of statistical uncertainty. | Page 11/ Line 263-307 | Results/ Paragraph 2-5 |
| **DISCUSSION** | | |
| 14 Discuss the practical relevance of results. | Page 13/ Line 310-316 | Discussion/ Paragraph 1 |
Provide detailed results if possible (e.g. online)

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*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.