**ARRIVE checklist**

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| **Item** | | **Sections/paragraph** |
| Title | 1 | Title |
| Abstract | 2 | Abstract |
| Introduction | | |
| Background | 3 | Background, paragraph 1-4 |
| Objectives | 4 | Background, paragraph 5 |
| **Methods** | | |
| Ethical statement | 5 | Methods, paragraph 4  Ethics approval and consent to participate, paragraph 1 |
| Study design | 6 | Methods, paragraph 1, 4 |
| Experimental procedures | 7 | Methods, paragraph 4, 5 |
| Experimental animals | 8 | Methods, paragraph 4 |
| Housing and husbandry | 9 | Methods, paragraph 4, 5 |
| Sample size | 10 | Methods, paragraph 4, 6 |
| Allocating animals to experimental groups | 11 | Methods, paragraph 4 |
| Experimental outcomes | 12 | N/A |
| Statistical methods | 13 | Methods, paragraph 14 |
| **Results** | | |
| Baseline data | 14 | Methods, paragraph 4 |
| Numbers analysed | 15 | Methods, paragraph 6 |
| Outcomes and estimation | 16 | Results, paragraph 1-3 |
| Adverse events | 17 | N/A |
| **DISCUSSION** | | |
| Interpretation/ scientific implications | 18 | Discussion, paragraph 1-5 |
| Generalisability/ translation | 19 | N/A |
| Funding | 20 | Funding, paragraph 1 |