

The ARRIVE Guidelines Checklist

Animal Research: Reporting In Vivo Experiments

Carol Kilkenny1, William J Browne2, Innes C Cuthill3, Michael Emerson4 and Douglas G Altman5

*1The National Centre for the Replacement, Refinement and Reduction of Animals in Research, London, UK, 2School of Veterinary Science, University of Bristol, Bristol, UK, 3School of Biological Sciences, University of Bristol, Bristol, UK, 4National Heart and Lung Institute, Imperial College London, UK, 5Centre for Statistics in Medicine, University of Oxford, Oxford, UK.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | ITEM | RECOMMENDATION | Section/ Paragraph |
|  | | | Title |
|  | | | Abstract |
| INTRODUCTION | | |  |
|  | | | Introduction:  a. Pgraph 1-4  b. Pgraph 5 |
|  | | | Introduction Paragraph 3; Sample Size |
| METHODS | | |  |
|  | | | Mat/Methods:  Paragraph 1 |
|  | | | Mat/Methods:  a. Study Design    b.Study Design  c. Timeline Fig 1 |
|  | | | Mat/Methods:  a:  Experimental Procedures:  all sections  b. c:  Housing Sec.  d: Study design |
|  | | | Mat/Methods:  a, b.  Paragraph 2 |

The ARRIVE guidelines. Originally published in *PLoS Biology*, June 20101

|  |  |  |
| --- | --- | --- |
|  | Mat/Methods:  a,b: Pgraph 3  Housing and Husbandry  c: Study Design | |
|  | Mat/Methods  a,b,  Paragrah 7  on Sample Size | |
|  | Mat/Methods:  a.b.Study design  b.Experimental Procedures: Pgraph 2 | |
|  | Mat/Methods:  Sec. on Experimental procedures 1-3 Pgraphs | |
|  | a,b,c:Mat/Methods:  on Statistical Methods:  Pgraph 1,2,3 | |
| RESULTS |  | |
|  | Results: Behavioral Observationsand in Mat/Methods:  Paragraph 2 | |
|  | a:  In Results:  Multiple Pgraphs on  1. Results of Behavioral data  2. Results of Analgesic data  b.:Mat/Methods Paragraph 2 | |
|  | Results: each Behavior and Analgesic with Calculations  In Multiple statistics | |
|  | Mat/Methods: a.,b. Analgesics admin in Paragraph 2 | |
| DISCUSSION |  | |
|  | a. Discussion:  Pgraphs 1-8  b. Discussion Paragraph 1  c. Conclusion: Paragraph 2 | |
|  | Discussion: Pgraphs:  1,2,12  Conclusion:  Pgraph 2 | |
|  | | In Grant Information: NeuroDigm funded |

