

Supplementary File S5: RoB mortality.

Risk of bias in studies included in the meta-analysis of mortality, using the Risk of Bias tool.

Study	1. Was the allocation sequence adequately generated and applied?	2. Were the groups similar at baseline or were they adjusted for confounders in the analysis?	3. Was the allocation to the different groups adequately concealed during assignment?	4. Were the animals randomly housed during the experiment?	5. Were the caregivers and/or investigators blinded from knowledge which intervention each animal received during the experiment?	6. Were animals selected at random for outcome assessment?	7. Was the outcome assessor blinded? *	8. Were incomplete outcome data adequately addressed?	9. Are reports of the study free of selective outcome reporting?	10. Was the study apparently free of other problems that could result in high risk of bias?	Summary on the overall risk of study bias
Dolan <i>et al.</i> , 1980 [1]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	No	High
Lynen <i>et al.</i> , 1999 [2]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Lynen <i>et al.</i> , 2005 [3]	Yes	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Martins <i>et al.</i> , 2010 [4]	Yes	Yes	No	Yes	No	Unclear	Yes	Yes	Yes	Yes	High
Melewas, Majaliwa and Lynen, 1999 [5]	No	Unclear	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Minjauw <i>et al.</i> , 1998 [6]	Yes	Yes	No	Yes	No	Unclear	Yes	Yes	Yes	Yes	High
Musisi <i>et al.</i> , 1989 [7]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Musisi <i>et al.</i> , 1996 [8]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Mutugi and Otim, 1991 [9]	No	Unclear	No	Unclear	No	Unclear	Yes	No	Yes	Yes	High
Radley <i>et al.</i> , 1975c [10]	No	Unclear	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Radley <i>et al.</i> , 1979 [11]	No	Unclear	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Radley, 1985 [12]	No	Unclear	No	Unclear	No	Unclear	Yes	No	Yes	Yes	High
Schreuder <i>et al.</i> , 1976 [13]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Sitt <i>et al.</i> , 2015 [14]	Yes	Yes	Unclear	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Low
Tenesi, 2015 [15]	Yes	Yes	Unclear	Unclear	No	Unclear	Yes	Unclear	Yes	Yes	Moderate
Uilenberg <i>et al.</i> , 1976 [16]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Uilenberg <i>et al.</i> , 1977 [17]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High
Uilenberg <i>et al.</i> , 1978 [18]	No	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Yes	High

Yes = low risk; No = high risk; Unclear = unclear risk. *Regarding signalling question 7, Outcome assessors were not blinded, but it was judged that the outcome – mortality – is unlikely influenced by lack of blinding, therefore low risk of bias.

References (as listed in Supplementary File 5) - please note that some of these are also cited in the manuscript and are numbered differently

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