

This is an Open Access document downloaded from ORCA, Cardiff University's institutional repository:<https://orca.cardiff.ac.uk/id/eprint/123025/>

This is the author's version of a work that was submitted to / accepted for publication.

Citation for final published version:

Jansen, Jan O, Pallmann, Philip , MacLennan, Graeme and Campbell, Marion K 2019. Bayesian clinical trial designs another option for trauma trials? Erratum. *Journal of Trauma and Acute Care Surgery* 86 (4) , p. 760. 10.1097/TA.0000000000002236

Publishers page: <http://dx.doi.org/10.1097/TA.0000000000002236>

Please note:

Changes made as a result of publishing processes such as copy-editing, formatting and page numbers may not be reflected in this version. For the definitive version of this publication, please refer to the published source. You are advised to consult the publisher's version if you wish to cite this paper.

This version is being made available in accordance with publisher policies. See <http://orca.cf.ac.uk/policies.html> for usage policies. Copyright and moral rights for publications made available in ORCA are retained by the copyright holders.



ERRATUM

In issue 83.4 of *The Journal of Trauma and Acute Care Surgery*, in the article by Jansen et al., Table 2's data was overestimated. Table 2's data has been updated with the corrected probabilities, with the Bayesian success criterion relaxed to 0.8. (Informative priors will also be used in the trial's final analysis.)

Table 2. Stopping and success probabilities and expected sample sizes in UK-REBOA (based on a non-informative prior)

Odds Ratio	Survival	Probability of declaring					Expected sample size
		Futility (1st)	Futility (2nd)	Futility (final)	Futility (total)	Success	
0.70	58.2%	22.3%	13.8%	9.9%	46.1%	4.0%	96.6
0.80	61.4%	17.0%	10.2%	7.3%	34.5%	7.9%	102.4
0.90	64.1%	13.0%	7.4%	5.1%	25.4%	13.3%	106.7
1.00	66.5%	10.0%	5.3%	3.5%	18.7%	19.9%	109.9
1.10	68.6%	7.8%	3.7%	2.3%	13.8%	27.2%	112.3
1.20	70.4%	6.1%	2.7%	1.5%	10.3%	35.0%	114.1
1.30	72.1%	4.8%	1.9%	1.0%	7.7%	42.7%	115.4
1.40	73.5%	3.8%	1.4%	0.6%	5.8%	50.1%	116.4
1.50	74.9%	3.1%	1.0%	0.4%	4.4%	57.0%	117.2

REFERENCE

Jansen JO, Pallmann P, MacLennan G, et al. Bayesian clinical trial designs: another option for trauma trials? *J Trauma Acute Care Surg*. 2017;83:736–741.