

LETTERS

CLINICAL TRIAL DATA

The true lorcinide story

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In 1993, Cowley and colleagues reported a controlled trial of the anti-arrhythmic drug lorcinide in heart attack.¹ Nine men allocated to the drug had died versus only one man allocated to placebo.

This trial had been completed in 1980. It was eventually reported when the authors saw that it could have provided warning of what, by then, had become clear—that anti-arrhythmic drugs were more likely to be lethal than helpful.

I often use this example to emphasise the importance of publishing all well conducted trials.² This report is included in the James Lind Library (www.jameslindlibrary.org) because it is a rare example of researchers commendably exhuming and reporting an unreported trial.

We know too little about why trials remain unreported, and care is needed in making judgments about who or what is to blame.³ Because I wanted to know the story of the lorcinide trial in more detail, I asked John Hampton, senior author of the Cowley report, to write an account of the story. This has been published in the James Lind Library,⁴ and here are some key passages:

“On completing our study we tried to publish our results. Full of enthusiasm we started with *The Lancet* and then tried two or three cardiology journals. The result was always the same—immediate rejection.”

“At a coffee break in 1993, someone remembered our old lorcinide study and we realised that it was a perfect example of many of the failings of clinical trials. I suppose we had always felt that we had a moral duty to publish it . . . so we tried again, [and] again, the high-impact factor journals were not interested. It was perhaps as a final throw of the dice that we added the

words ‘publication bias’ to the title, and so finally found a home for the paper.”

While continuing to press for publication of unpublished trials we need a better understanding of the various factors that can lead to non-publication. As it happens, many premature deaths would have been avoided had more attention been paid to systematic reviews of trials of anti-arrhythmic drugs published in the late 1980s.⁵⁻⁷ Even without data from the lorcinide trial, these showed that anti-arrhythmic drugs were likely to be lethal, yet they continued to be used in practice and in further clinical trials.

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