

Title 1: Randomized controlled trials, the gold standard with? *

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Aim

Randomized Controlled Trials (RCTs) is by a majority of the medical community considered as the "gold standard" for medical research. This essay is aiming to see if RCTs also are ethically sound.

Introduction

Definition

Definition from Meriam-Webster

Historical origins

Scurvy and lime juice - aye matey!

Use today

Numbers, form and distribution, from sugar and salt to surgical intervention.

Limitations

As the number, range and general use of RCTs are so enormous, I will limit the discussion as follows: First of all, I will limit my discussion to medical research. Interesting concerns are raised in regards to the use of animals, but I will focus on cases where humans are the subjects. I will also focus on research and treatments that are "invasive", meaning one or more of these four conditions: (a) introduces a foreign element through surgery (b) introduces a pharmaceutical with a known or loosely known effect (c) uses ionizing radiation (d) any procedure that can cause distress in a normal human being. This is a more "broad" definition of invasive than commonly used. The last one is particularly vague and requires individual considerations. I will both consider the situation where two treatments are opposed to each other, and situations where one treatment is compared to a placebo.

Ethical problems?

Contemporary views

How is RCTs generally regarded?

*Strongly depends of what I reach, "beauty flaws", "a false cry of saving", "without the means to end all discussion"

Contemporary discussions (laymen, the community)

What do the media and the general public think?

Contemporary discussions (medical community)

How is regarded by the medical professionals, doctors and other scientists?

Contemporary discussions (ethical scholars)

Are there a philosophical discussion? Have they reached any conclusions? Are they correct?

In the frameworks of "big" ethical schools

Who have the biggest problem with RCTs, and should we care?

Ethical resolutions?

Solutions to the problems (if any)

Is it all hopeless?

Conclusion (possibly vague)

Own notes

1. The example with the kidney is interesting, as in "is there a difference to take out a kidney and throw it in the trash, to investigate of whether or not a kidney "can" be extracted in contrast it to take it out and put it into a needing recipient?
2. Separation between research and treatment - do we need the treatment aspect as it is not the same - failure to acknowledge that can lead to "very bad things" But, also important, the complete separation can also lead to very bad things
3. Wacky though: suffering introduced (not death, or, why not death?) for some greater good - can it be drawn a line between "holocaust" and today's practice? If not, we have a problem.

References

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- [2] Dunn, P. James Lind (1716-94) of Edinburgh and the treatment of scurvy *Archives of Disease in Childhood Fetal and Neonatal Edition* 76 1 F64-F65 1997
- [3] Savulescu, Julian and Wartolowska, Karolina and Carr, Andy Randomised placebo-controlled trials of surgery: ethical analysis and guidelines *Journal of Medical Ethics* 42 12 776-783 2016