

procedures

<u>THE UNDERLYING CAUSE OF CORONARY HEART DISEASE</u>





nore inflammation. Muscle cells then multiply and form a

THE LIPUSOME:

.................................. Liposomes are made of phospholipids which are the main components of cell membranes. This is a benefit as the liposome can avoid detection by the body's immune system. Liposomes can be naturally derived, and are biologically inert. Extensive toxicity screening of liposomes have shown them to be generally safe for pharmaceutical use, but this does not negate the need for extensive clinical trials as we propose to use a modified liposome. The liposome encloses the drug and protects the drug as it travels through the bloodstream to Its intended site

oosome: anti-CD47 antibodies which bind to CD47 proteins on th lague, allowing macrophages t



STEPS TO IMPLEMENTATION:



First, in vivo and in vitro trials need to happen in test tubes and animals to check if it's safe. Then, stage 1 trials occur where 💻 it's tested on a small sample of healthy humans to check the safety and appropriate dosage. Next, it will enter stage 2 trials with a few hundred people with atherosclerosis to determine shortterm side effects and efficacy. It can then enter stage 3 with thousands of patients to test efficacy and safety over a long period of time. If successful here it can begin mass manufacture.

human body







had on the complex research we read.

- Goldacre, B., 2010. Bad Science. Clipper.