

CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Name(s)	Project Number
Aliyah Dost	
	35592
Project Title	
Operation Combat Cholesterol	
Abstract	
Objectives/Goals For my project, I compared the effectiveness of home remedies and over the	autor podication on
lowering cholesterol. My hypothesis was that the Niacin 1,000mg capsule wo	
decreasing cholesterol, while the cinnamon water will be the least effective. Methods/Materials	
The cholesterol I used was pig fat because it is the closest to real human fat/cf included apple cider vinegar, fiber, green tea, cinnamon water, pomegranate j	plesterol. The solutes I used
included apple cider vinegar, fiber, green tea, cinnamon vater, pomegranate in capsules. First, I added 10g of pig liver to each solute and incubated the jars	nce and Niacin 1,000mg
Celsius. Then, I weighed the pig fat and added it to the solutering hyer control	. After 6 hours of incubation
I weighed the jars again and calculated the difference. This process is common mimic liver metabolism.	nly used in toxicology to
Results	
I conducted 30 trials. The following are the averages: which the solutes decrease tea by 15.5g, the pomegranate juice at 13.5g. Niacia 1,000mg capsule a	eased the amount of pig fat:
11g, fiber at 10.5g, and cinnamon water by 8.5g of fat.	
Conclusions/Discussion My results show that the first part of my hypothesis was incorrect because the	green too decreased the
My results show that the first part of my hypothesis was incorrect because the most amount of pig fat and not the Niacin 1,000mg capsul. The latter part of	my hypothesis was correct
because cinnamon water did decrease the least amount of big fat. With these r	esults I want to better
educate people about the effectiveness of home remedies on lowering cholested further my research to find a way to add the antioxidants found in the home re	medies to the medications
to give them an added benefit.	
Summary Statement	
Do home remedies of over the counter medication work better to lower choles	terol?
Help Received	
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