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|  |  | Herbs, an Alternative to Modern Medicine?  Recommendations |
| [**Home**](http://docs.google.com/index.html)[**Introducion**](http://docs.google.com/intro.html)[**Hypothesis/Prediction**](http://docs.google.com/Hypo.html)[**Experiment**](http://docs.google.com/experiment.html)[**Data**](http://docs.google.com/data.html)Recommendations[**Conclusions**](http://docs.google.com/conclusions.html)[**Bibliography**](http://docs.google.com/biblio.html) |  | We recognize that there are many shortcomings and other little problems with our experiment. To improve the experiment we have a few suggestions to produce more significant data.  1. The first recommendation would be to conduct the experiments in a clean and almost sterile room. In a sterile environment, no bacteria of any other kind would be present and that would ensure that the bacteria on the petri dishes consist of only of that bacterium.  2. Use more variety of treatment gradients. Out main problem was establishing a proper treatment ratio of the herbs to the distilled water. The power of the Cat's Claw was impossible for a 100% test, and the 1:1 and 2:1 ratio, the powder absorbed the distilled water too quickly. The 3:1 concentration was just wet enough for the paste to stick to the chromatography paper.  3. We needed a true anti-biotic treatment to test our data against.  4. A hot box was sufficient to cultivate our bacterium, but an autoclave would have been more preferable to simulate actual body temperature, or we could have simulated the growth at different temperatures.  5. We should have had more tests. 5 petri dishes of each treatment can only give a rough estimate of how well each treatment works.  Overall our experiment completed its objectives. It had created a zone of inhibition, even though it was small (from .25mm to 3mm) it was able to stabilize and maintain its zone through out the 5 days of experimentation |