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| **Recommendations:**   * If you want a more complete idea of the effects of the pH change in the esophagus, it would be interesting to use chemicals in saliva (i.e. Amylase) to see if that plays a role in the effectiveness of pH level change. * Start early. This is a good idea for any project, this way if problems come up, which they always will, you have time to figure out what can be done to fix it. * Run more samples. To get a better idea of what natural foods work best, test a large number of varying foods, multiple times to confirm your results. The larger the sample size is,the better your results will be. * Test the variables on people and have them complete a survey on whether they felt it helped with their symptoms. (We did not do this because we felt people's indigestion was a hard thing to measure scientifically, but it could add interesting results that support the hypothesis) * Make a large sample of HCl and keep in in a sealed container. Every time we came in to start our experiment, the pH of the HCl seemed to have changed and we had to dilute it many times * Calibrate the pH probe after each run to ensure accurate results. Sometimes, between experiments, it gets contaminated from other sources. * Use pH paper to back up the probe and make sure the numbers match. If they do not try cleaning and calibrating the probe again. * The stomach creates a current that helps to digest the food. Perhaps finding a way to systematically churn the contents of the beakers around would help create a more stomach like environment and give more realistic results.   [<-----Back](http://docs.google.com/conclusions.html) [Next----->](http://docs.google.com/journal.html)    [[Home](http://docs.google.com/home.html)][[Introduction](http://docs.google.com/introduction.html)][[Hypothesis](http://docs.google.com/hypothesis.html)][[Procedure](http://docs.google.com/procedure.html)][[Data](http://docs.google.com/data.html)][[Conclusions](http://docs.google.com/conclusions.html)][[Bilio/Links](http://docs.google.com/biblio.html)]  [[2001 Projects](http://docs.google.com/index.html)][[2000 Projects](http://docs.google.com/AP2000/index.html)][[1999 Projects](http://docs.google.com/AP99/index.html)][[1998 Projects](http://docs.google.com/AP98/index.html)] |