



**CALIFORNIA STATE SCIENCE FAIR
2004 PROJECT SUMMARY**

Name(s) Jodi L. Grinsell	Project Number J1708
Project Title The Little Piggies That Didn't Come Back from the Market	
Abstract Objectives/Goals Determine the effects, both short and long-term, of Antiphospholipid Antibody Syndrome on an otherwise healthy, athletic twelve year-old patient. I am not sure her, my, life will ever be the same. Methods/Materials I will follow a healthy, athletic twelve year-old girl from her first symptoms, through misdiagnosis, to the correct diagnosis of Antiphospholipid Antibody Syndrome and it#s repercussions. I will document the time line and the emotional effects from the discovery of blood clots to amputation while outlining some background information on APS. Will her life ever be the same again? Can she still be the athlete she once was? Results Because it took the doctors over two months to correctly diagnose Antiphospholipid Antibody Syndrome, the formed blood clots in the right femoral artery restricted blood flow to the right foot and toes, which eventually led to the amputation of two and one half toes. Blood thinners, Coumadin, were introduced to prevent more clots. The patient returned to school after four months and was able to resume an almost normal life, minus the toes of course. Conclusions/Discussion Waiting for the toes to self-amputate was painful in many ways. Life will go on with some changes and restrictions due to the loss of toes and the introduction of Coumadin to prevent further clotting. Once the patient knew what she had left, she could move on. Learning about APS, has helped me to understand my disease and better prepare for what is still ahead. There is no normal in life; it is what you choose to make it.	
Summary Statement The Effects of Antiphospholipid Antibody Syndrome on Jodi Grinsell	
Help Received Mother helped taking pictures and with some typing	