



California Science Center
CALIFORNIA STATE SCIENCE FAIR
2001 PROJECT SUMMARY

Your Name (List all student names if multiple authors.) Daljitpal s Parmar	Science Fair Use Only <h1 style="margin: 0;">S0213</h1>
Project Title (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9) Quality of Diabetes Care at Martin Luther King Jr. Medical Center	Division _ Junior (6-8) <u>X</u> Senior (9-12)
Preferred Category (See page 5 for descriptions.) 2 - Behavioral Sciences	
Abstract (Include Objective, Methods, Results, Conclusion. See samples on page 14.) Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges.	
<p>For my science fair project, I decided to reevaluate the diabetic treatment at Martin Luther King Jr. Medical Center. Two years ago I conducted an experiment at the medical center evaluating the diabetic patient treatment that the hospital performed in comparison to the American Diabetes Association guidelines. I found their diabetic treatment was by far under par and, in seeing my results; the medical center erected a diabetes clinic to better their diabetic treatment. This project is a follow up, a three-year study, on the new clinic after it's first two years in action. The reason I conducted this project was to reevaluate such an important aspect of the community, their health, and find out if the diabetes clinic, started in my name, at Martin Luther King Jr. Medical Center has improved their diabetic treatment.</p> <p>I formed a hypothesis that the treatment of diabetes care at Martin Luther King Medial Center would pass the guidelines set by the American Diabetes Association. I tested my hypothesis by obtaining 170 patient charts (patients who were with the clinic from the start) and conducted the same study I performed three years ago. I evaluated each chart for specific process and outcome measures, such as cholesterol levels and # of foot exams, with other various measures and combined the results to find the medical center's overall performance. Due to the fact that the guidelines set have not changed, the hospital was evaluated on the same scale that they failed to pass two years ago.</p> <p>After a long continuous system of researching and going through data, I found that the diabetes care at Martin Luther King Medical Center improved remarkably after the two year period following the start of the diabetic clinic and has surpassed the guidelines set by the American Diabetes Association concerning diabetic patient treatment proving my hypothesis to be correct. In conclusion, I take pride in stating that these three years of research has led me to achieve my goal in helping to better life for the community.</p>	
Summary Statement (In one sentence, state what your project is about.) Its a three year study on the diabetes care at Martin Luther King Jr. Medical Center to see if MLK meets the guidelines set by the American Diabetes Association for diabetes care.	
Help Received in Doing Project (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4. mom provided transportation, mom helped me cut paper for my board....	