

Tobacco Intervention and
Prevention Strategy (TIPS)
Presentation at Grant Homes
(Newberry County)

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Lovelace Family Medicine Prosperity, South Carolina

Many Thanks to:

Reneé Martin: Newberry County TIPS Project
Manager

Julie Ghent: Mid Carolina AHEC Site
Coordinator

Laurie Pautenaude: Mid Carolina AHEC
Community-Based Education Coordinator

Gina Koon: Grant Homes Activity Center
Director

**The Physicians and Staff of Lovelace Family
Medicine**

Tobacco Use Among Adolescents in Newberry County

- In 2002 among all students 15 and older, 16.7% first smoked by age 11, 36.3% by age 13, and 51.4% by age 15. In a typical month, 17.1% of 7th and 8th graders and 25.3% of high school students smoked cigarettes.
- 18.9% of African-American male 7th to 12th graders used cigarettes.
- A significant group of high school students (5.4%) used smokeless tobacco monthly. Primarily white males (15.9% vs. 1.1% for all other race and sex groups).

AIMS

- **Global:** To reduce tobacco use in school-aged boys living in the Grant Homes Housing Project in Newberry County
- **Local:**
 - 1. To plan a talk focused on educating boys living in the Grant Homes Housing Project about the dangers of tobacco use designed to prevent and decrease their use of tobacco products.
 - 2. To develop a Powerpoint presentation to present to the boys that will demonstrate the negative effects of tobacco use on athletic performance, success with the opposite sex, finances and their overall quality of life.
- **Evidence of Community Support include:**
 - 1. An Active TIPS program in the community
 - 2. The Desire of Grant Homes Activity Coordinator Gina Koon to participate in the program
 - 3. The support given by Local Health Care Providers

Measures

- Arranging for the presentation to take place at the Grant Homes Community Center during Spring Break
- Providing Lunch and Prizes to Increase Attendance
- Giving a Pretest to assess boys' current level of knowledge about tobacco use
- A Posttest will be used to assess the presentation's effectiveness and learning achieved by the boys
- A pledge card will be used to focus the boys on the anti-tobacco message and give them something tangible to take home and continually remind them not to use tobacco.

Possible Changes for Improvement

- **Continue to deliver this message to the boys in different and possibly more entertaining forums such as a sports camp during the summer.**
- **Drivers:**
 - Active TIPS Program
 - Support of the Grant Homes Administration
 - Preceptor desires to end all tobacco use
- **Barriers:**
 - Sports camps may be difficult to manage without many people involved in camps and significant time requirements
 - May be difficult to deliver anti-tobacco message while the boys are participating in sports

PDSA Cycle: Plan

- Study needs of residents of Newberry County
- Review projects performed by previous students in Newberry County
- Assess my ability to perform the presentation to the boys at Grant Homes in allotted time
- Begin to determine points to be included in my presentation

PDSA Cycle: Do

- Meet with Reneé Martin of the TIPS Program to discuss ideas for the talk
- Review and acquire material relating to negative impact of smoking as they relate to school-aged boys
- Acquire pledge cards for boys to sign after the presentation
- Contact Gina Koon, Grant Homes Activity Center Coordinator, to set up the day and time

PDSA Cycle: Study

- Determine the manner in which the presented material will both inform and retain the attention of school-aged boys
- Talk with school-aged boys about their interests and try to relate those to this group of boys and give them reasons to avoid tobacco use

PDSA Cycle: Act

- Seek input from Reneé Martin for suggestions on ways to improve my presentation for the boys
- Look for aids that would help make the day less of a lecture and make it more interactive for the boys

PDSA Cycle 2: Plan

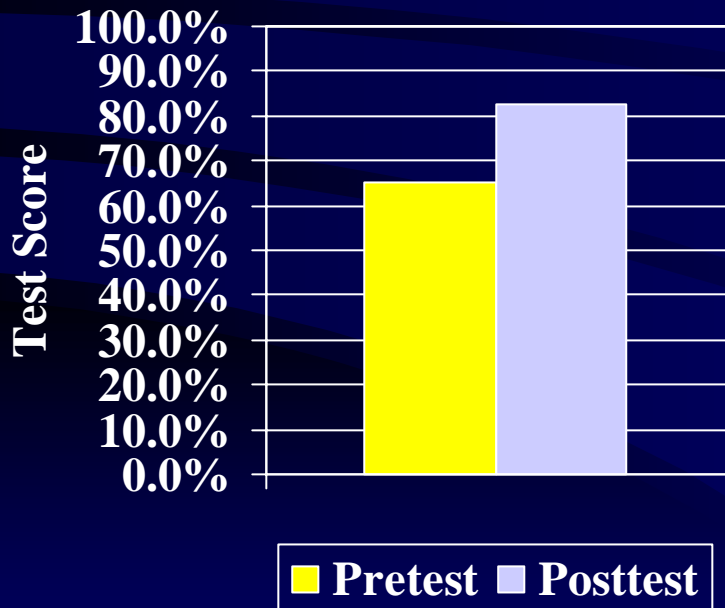
- Develop a pretest and a posttest to give to the boys to assess pre-presentation knowledge and the effectiveness of the presentation
- Create a Powerpoint presentation for the boys highlighting major points and including pictures
- Acquire aids to make the presentation more interactive and subsequently more effective

PDSA Cycle 2: Do

- Pretest and Posttest developed and taken to Grant Homes Community Center
- Presentation given to boys at Grant Homes Community Center
- Visual aids used to make presentation more interactive
- Posttest given to boys to assess effectiveness
- Pledge Cards signed by boys

PDSA Cycle 2: Study

Pretest and Posttest Scores



- Results from the two tests are from 25 students. The average score on the tests increased by 17.4% with 4 students achieving perfect scores on the posttest vs. zero on the pretest.
- The average age of the boys at the presentation was slightly over 10 years old with a range between 6 and 14 years of age.
- None of the boys answered “yes” to whether or not they had used tobacco.

Lessons Learned

- I learned that there is still time to keep these boys from using tobacco *before* they become addicts since all answered “no” to whether or not they had previously used tobacco.
- I learned that despite the surroundings in which these boys live that there are many people that take an active interest in their lives and help them to make good decisions.
- I would suggest that future students continue programs in this housing project that focus on these boys. It might also be a good idea to branch out and include programs to educate their parents about the dangers of smoking and methods to quit.