

Survey Questions

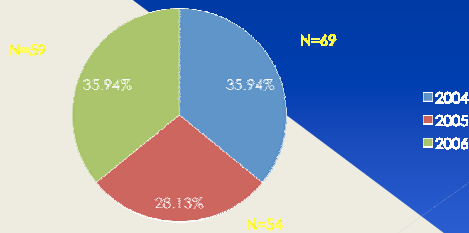
Question number	Question text
Q1	What percentage of US adults smoke?
Q2	Approximately what percent of adults using tobacco say they want to quit?
Q3	In the past week have you smoked at all, even a puff?
Q4	Which tobacco products have you used in the past year?
Q5	Is the prevalence of tobacco use increasing or decreasing in high school age adolescents?
Q6	What is the prevalence of smoked tobacco use in the United States?
Q7	Which socioeconomic group has the highest tobacco use?
Q8	Second hand smoke can contribute to:
Q9	Which oral disease are associated with tobacco use?
Q10	What percentage of smokers attempt to quit each year?
Q11	How successful do you think dentists are in helping their patients stop using tobacco?
Q12	In your opinion, how important is tobacco use cessation as a component of a preventive dentistry program in dental offices?
Q13	Overall how would you rate your knowledge about helping people stop using tobacco?
Q14	How confident are you in your ability to help someone stop using tobacco?
Q15	Recognizing the need to change but making no commitment indicates the patient is at which stage of readiness?
Q16	A brief tobacco use survey is part of which step in the five-step tobacco cessation program?
Q17	Using supportive materials to a patient is part of which step in the program?
Q18	Giving advice to quit tobacco use is part of which step in the program?
Q19	Showing patients oral effects of tobacco use in their mouths is part of which step?
Q20	A follow up phone call is part of which step?
Q21	Which pharmacotherapy is the optimal for use in the dental office?

Variables

- Independent variables
 - Current smoking status
 - Tobacco products used in past year (cigarettes, cigars, smokeless tobacco/snuff, pipe)
- Dependent variables
 - student knowledge about helping people to stop tobacco use
 - Likert scale, 1=poor, 2=fair, 3=good, 4=very good, 5=excellent
 - student confidence in their ability to help people stop smoking
 - Likert scale, 1=not confident, 3=somewhat confident, 5=confident
 - student opinion of dentist success at helping patients stop tobacco use
 - Likert scale, 1=not successful, 3=somewhat successful, 5=successful
 - student opinion of importance of tobacco cessation as a component of preventive dentistry
 - Likert scale, 1=not important, 3=somewhat important, 5=very important

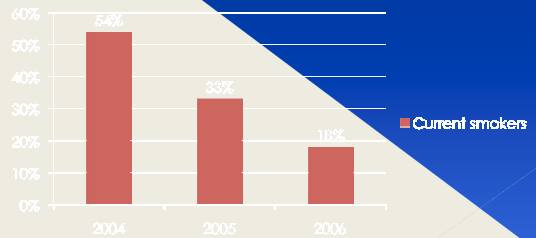
Sample Description

Distribution of student year group in the sample



Sample Description

Percent of students reporting smoking in previous week

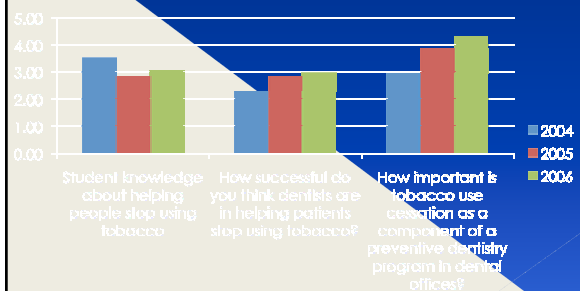


Third Year Dental Student's Smoking Status and Use of Tobacco Products by Year, 2004-2006

Variable	Year			p-value
	2004	2005	2006	
	%			
Smoking status				0.000
Yes	53.8 (35)	33.3 (16)	17.6 (9)	
No	46.2 (30)	66.7 (32)	82.4 (42)	
Tobacco products used in past year				0.000
Cigarettes	20.0 (9)	61.5 (16)	52.6 (10)	
Cigars	17.8 (8)	30.8 (8)	36.8 (7)	
Smokeless tobacco/snuff	8.9 (4)	-	5.3 (1)	
Pipe	53.3 (24)	7.7 (2)	5.3 (1)	

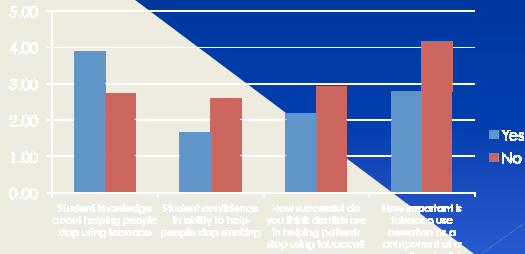
Chi-square tests of association

Mean Student Knowledge and Beliefs by Year, 2004-2006 (p<0.05)



One-way analyses of variance found significant differences between students in the three classes' tobacco cessation related knowledge and beliefs

Mean Student Knowledge and Beliefs by Current Smoking Status (p<0.05)



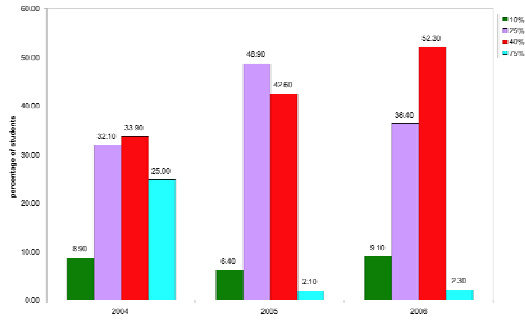
Independent samples t-tests found significant differences between students' tobacco cessation related knowledge and beliefs based on current smoking status

Bivariate Relationships between Knowledge, Self-Efficacy, and Beliefs in the Sample

	Student Knowledge			Student confidence			Dentists success in helping patients stop using tobacco			Importance of tobacco use cessation as a component of a preventive dentistry		
	Correlation	p-value	N	Correlation	p-value	N	Correlation	p-value	N	Correlation	p-value	N
Student knowledge				0.103	0.235	135	-0.094	0.268	134	-0.259	0.003	137
Student confidence	0.102	0.237	135				0.378	0.000	130	0.269	0.002	129
Dentists success in helping patients stop using tobacco	-0.095	0.268	131	0.378	0.000	130				0.468	0.000	132

Spearman's rho correlation coefficient

What percentage of U.S. adults smoke?



Major Findings

- The CDM tobacco cessation program...
 - > Improved students belief in the ability of dentists to successfully help patient's quit
 - > Increased the belief that tobacco cessation is an important part of preventive dentistry
- Students' belief in the dentists ability to successfully help patients quit was positively related to confidence in their ability to help patents quit

Recommendations

Questions? Comments?
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