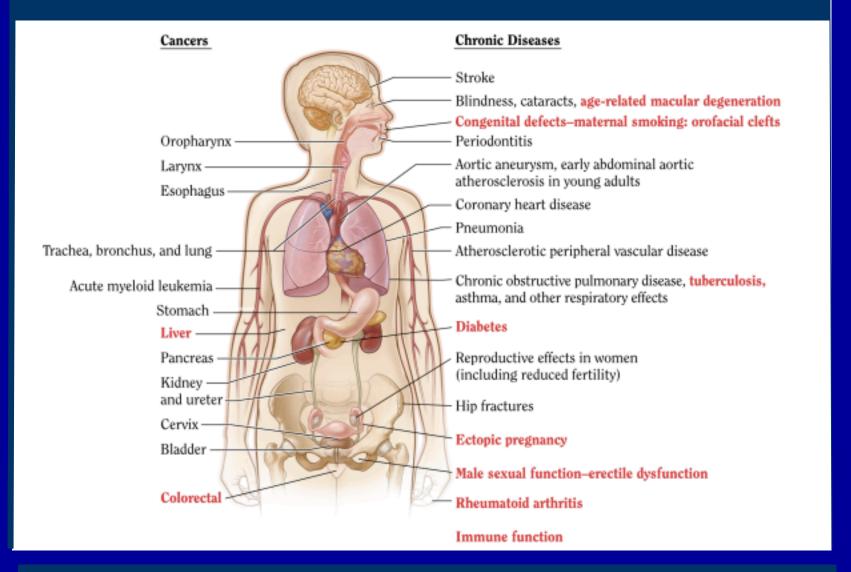
No Smoker Left Behind The Tobacco Industry Loves Older Smokers Why Don't We?

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Older Smokers

- There are 4 million smokers over the age of 65
- Older smokers less likely to be treated for tobacco dependence than younger smokers
- Tobacco related diseases are the leading cause of death in older adults

Causal Health Consequences Then and Now



Source: USDHHS 2004, 2006, 2012

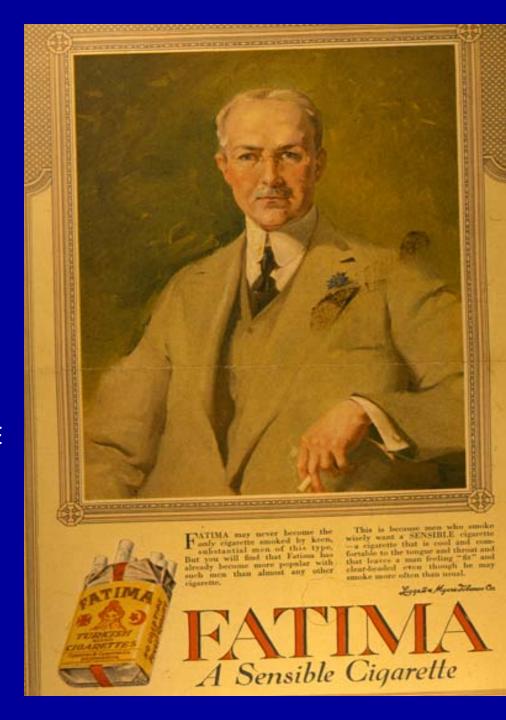
Note: Condition in red is a new disease that has been causally linked to smoking in 2014 Surgeon General's Report

Who is Interested in Older Smokers?

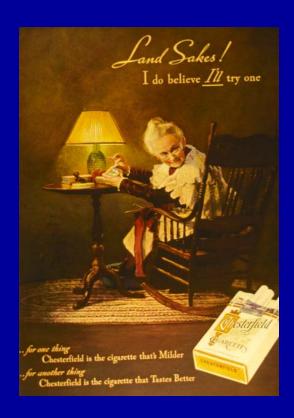
(hint – not health care)

Tobacco Industry has Always Valued Older Smokers

Men who smoke wisely want a SENSIBLE cigarette- a cigarette that is cool and comfortable to the throat and that leaves a man feeling "fit" and clear-headed even though he may smoke more often than usual.



Women Too





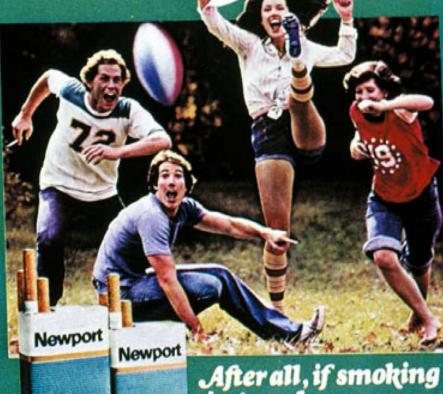
Targeting Older Smokers

Older Smokers Important Market

AS THEY ASSUME A LARGER

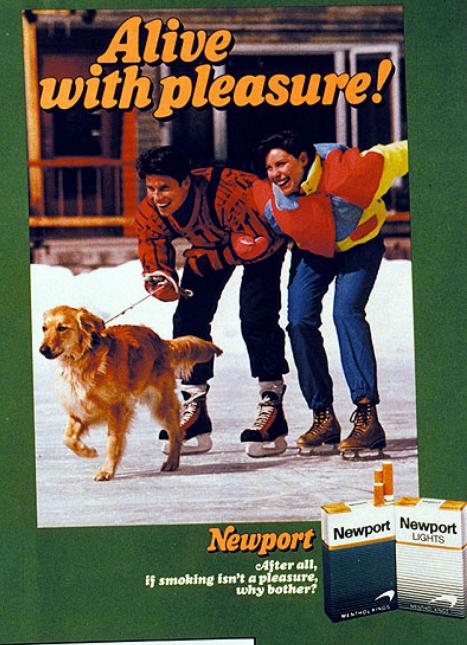
SHARE OF THE POPULATION, PEOPLE 65 AND OLDER WILL BECOME AN INCREASINGLY IMPORTANT MARKET FOR CIGARETTE MANUFACTURERS.

Alive with pleasure! New Mort



After all, if smoking isn't a pleasure, why bother?

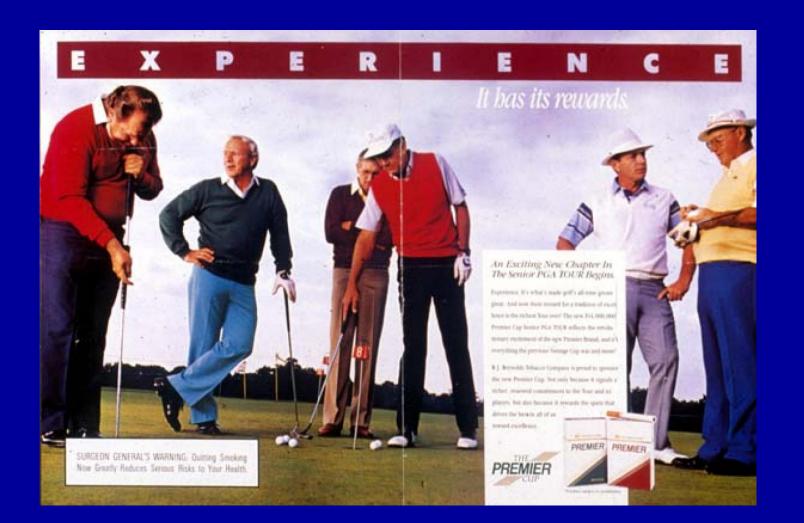
Kings: U mg "tar", 1.2 mg, nicotine; 100's: 19 mg "tar", 1.4 mg, nicotine av, per cigarette, FTC Report April 1976. Warning: The Surgeon General Has Determin That Cigarette Smoking Is Dangerous to Your Heal



SURGEON GENERAL'S WARNING: Smoking By Pregnant Women May Result in Fetal Injury, Premature Birth, And Low Birth Weight.

C total 10

Kings, 16 mg, "tar", 1.2 mg, neotine, Lights Kings, 8 mg, "tar", 0.7 mg, neotine av per pignette by ETC Meth





Tobacco Industry Loves Older Smokers

- Heavy smokers
- Loyal smokers
- BUT they are the group that begins to express health concerns

Here Come The Baby Boomers Born 1946-1964

THE MAJOR GROWTH SEGMENT OF THE POPULATION DURING THE COMING YEARS WILL BE THOSE AGED 35 TO 49 - THE SO-CALLED "BABY BOOM" GENERATION REACHING MATURITY.

THEIR SHEER NUMBERS WILL MAKE THEIR AGGREGATE INFLUENCE KEY TO CIGARETTE MANUFACTURERS.

Baby Boomer Analysis

 "smoking incidence [was] higher among Baby Boomers than the general population group "

Preferred "low tar" cigarettes

Who chooses "light" cigarettes

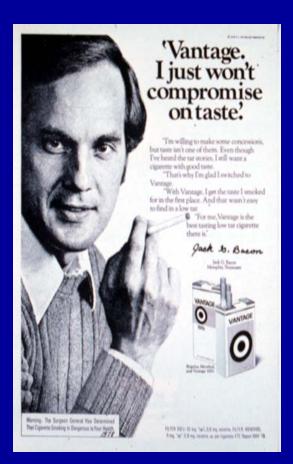
- o Those who want a "better" way to smoke
- o Those who want to quit

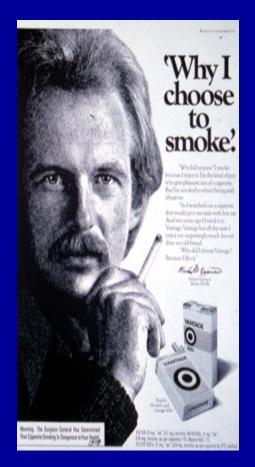
Please don't forget Carlton is lowest

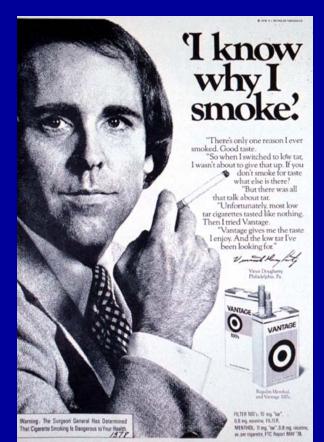
Psychographic Analysis of Baby Boomers

Likely to respond to messages that encourage:

- independence and individuality
- control and choice







Discouraging Quitting Among Older Smokers

- "Low-tar" cigarettes and Increase nicotine levels (Kessler, 2001)
- Direct mail surveys "targeted ... to very old, quitting prone smokers" (AT 1992 slg46e00)
- Mailing lists "for direct marketing communication"

(AT 1988 acb33a00)

- Targeted custom mailings
 - "to demographically correct targets [older smokers]
 ...highly vulnerable ...quitters" (AT 1994 tid tbs25f00)

Coupons

Mailed week pension checks arrived

Effect Multiple carton purchases in the first week when their pension checks are received.

Lorillard 1986 tid ufk10e00

The Tobacco Industry Went Everywhere Older Adults Went





PGA Senior Golf Tour



Casinos





Bowling



More people are smoking CAMELS than ever before

GREATEST Manie Game Revenue of ACT Time is the color of the bending perhanting have grove Need Day 1811, and promof superiors as a bowler. His most cariglements, expresses m 4 miles done had to the nation (square donner.

"There have the days" step Need, "where I amedian advances. heald I send get Neurally, I consposed the different broads I numbers, if from the elegentation that we relate or present more my "F Kind Block Count"

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MORE DOCTORS SMOKE CAMEIS than any other cigarette



Bottom Line

The tobacco industry aggressively targets older smokers and tries to prevent them from quitting smoking

Older smokers are less likely to be treated than any other group

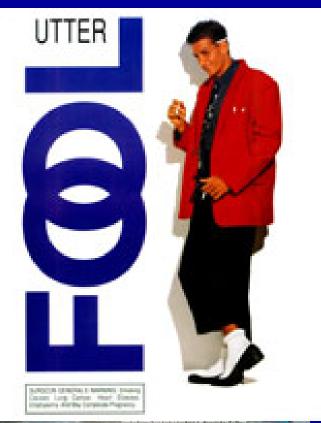
- Ageism
- Smoker stigma
- Cigarettes more deadly than 50 years ago
- Older smokers do not know/believe in the benefits of cessation
- Health care providers do not know/believe in the benefits of cessation for older smokers

Anticipating Affluent Baby Boomers "For people who like to smoke"



Denormalization of Tobacco Stigmatization of Smokers

- For the last 20 years public health has tried to tear down that social construct which has lead to the denormalization of tobacco
- One of our most successful tobacco control strategies
- Transformation from a mark of sociability to deviant behavior has lead to

















Cigarettes are More Deadly Today Than 50 Years Ago

- Smokers' risk of death from all causes, compared to never smokers, has gone up significantly over 50 years
- Today's cigarette smokers (both men and women) have a much higher risk of lung cancer and COPD than 1964 smokers; despite smoking fewer cigarettes



Cigarettes are More Deadly Today Than 50 Years Ago

- Since 1959 lung cancer risk for never smokers is about the same, but the risk for smokers has increased steadily.
- Lung cancer risk increased 10X for female smokers and doubled for male smokers
- 90 percent of lung cancer deaths and 80 to 90 percent of COPD deaths are caused by smoking

Changes in Design of Cigarettes Makes Them More Deadly

- "The evidence is sufficient to conclude that the increased risk of adenocarcinoma of the lung in smokers resulted from changes in the design and composition of cigarettes since the 1950s."
- "...suggestive evidence that ventilated filters and increased levels of tobacco-specific nitrosamines have played a role."

2014 Surgeon General's Report (SGR)

Unaware of the Benefits

- Quitting smoking by 50 halves lung cancer risk
- Quitting smoking immediately decreases cardiovascular risk
- Older age is positively correlated with rationalizing beliefs about quitting smoking
- Older smokers greater unrealistic optimism about their risks
- But those aware of the risks of smoking and the benefits of cessation are 12 times more likely to quit

Uptick In Tobacco Industry Targeting Of Older Smokers

- Encouraging older smokers to use smokeless tobacco and e-cigarettes (alternative tobacco products – ATP)
- ATP marketed for use in non-smoking areas
- ATP marketed as cessation aid or help for decreasing cigarette consumption

ATP: e-Cigarettes

e-cig —an electronic inhaler that vaporizes a liquid solution of nicotine into an aerosol mist, simulating the act of tobacco smoking.



ATP: e-cigarettes

 Sales in cigarettes dropped 6.2% in the first quarter of 2012 — a jump from the 3- 4% declines in recent years

 Sales of e-cigarettes doubled. In 2011, 21 % of smokers had tried e-cigs, up from 10% in 2010 (CDC)

 Retail sales of e-cigs are expected to balloon from \$500 mill in 2011 to over \$1 billion in 2014 (Wall

Street Journal)



Old Tactics to Renormalize Smoking



Some New Tactics

Welcome Back





Study Aims

- Expand investigation of ATP messages to older adults (not previously studied)
- Characterize older smokers' perceptions of the risks and benefits associated with cigarettes and ATP
- Determine the extent to which perceptions relate to exposure to proand anti-tobacco messages

Methods

- Six focus groups
- Recruitment of smokers and former smokers over 45 by flyer and craigslist
- Transcribed data double coded using Excel coding matrix
- Participants provided their perceptions of:
 - Pictures and definitions of ATP
 - Cigarette marketing
 - ATP marketing
 - Proposed graphic cigarette warning labels

Results – Older smokers receptive to ATP messaging

- Participants exposed to tobacco marketing had increased perceptions of benefits and decreased perceptions of risks of products
- 90% of sample expressed willingness to try new products before trying cessation
- High interest in e-Cigarettes
- Ads used nostalgia and glamour effectively
- Warning labels were not viewed as effective

Results – public health messages don't resonate with older smokers

 Majority of participants felt anti-tobacco public health messaging did not apply to them:

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"It's not meant for me"

"It's about young people"

"It's too late for us."
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- Perception that anti-tobacco images only include older adults as end of life patients
 - often with tracheotomies

What to do? What to do?

- Develop public health programs that target or at least include older smokers
- Educate health care providers
- Educate the public
- Educate older smokers
- Treat older smokers
- Addiction is the disease Smoking is the symptom

Tobacco Dependence Treatment for Older Adults

Current Guidelines

- U.S. Public Health Service in 2000 and updated for 2008
- 5 A's
 - Ask
 - Assessment
 - Advise
 - Assist
 - Arrange

Pharmacotherapy

- First-line, FDA- approved medications for smoking cessation include:
 - NRT
 - Bupropion sustained release
 - Age related slower drug clearance: 150/day for 1 week; if OK then increase to 300 2nd week; if OK maintain for at least 12 weeks.
 - Varenicline

http://rxforchange.ucsf.edu

Combination Pharmacotherapy

- Combination NRT
 - Long acting formulation + short acting formulation (patch = gum, lozenge, inhaler, nasal spray).
 - NRT + Bupropion SR

Tobacco Dependence Treatment for Highly Dependent Smokers

 Tobacco dependence is a chronic disease and relapse is intrinsic to this disease.

Components of Rx for HDS

- Tailored intensive interventions that combine behavioral interventions with pharmacologic cessation aides.
- Use of telephone counseling has been shown to be effective.
- Proactive counseling helps motivated smokers stay abstinent compared with standard self-help.

EBP for Older Smokers

- Treat as a chronic disease; most smokers have multiple quitting attempts and relapse is the norm.
- Hall et al., achieved abstinence rates with older smokers of more than 55% at 24, 52, 64, and 104 weeks using bupropion and extended cognitive behavioral treatment.

Additional Features

- Meaningful motivational factors; most older adults ARE motivated to quit.
- Smoking stigma and shame.
- Mood management evaluate and treat patients for mood disorders and assist with effective coping strategies.
- Smoke-free homes.
- Social support.

Addiction is the Disease Smoking is the Symptom