MEVACOR™ Daily A Public Health Opportunity

Edwin L. Hemwall, PhD Merck Research Laboratories

OTC Indication and Target Population

- Lovastatin 20 mg once-daily
 - "To help lower cholesterol which may prevent a first heart attack"
- Target population based on National Cholesterol Education Program (NCEP) ATP III Guidelines
 - Men ≥45 / Women ≥55
 - Moderately-high LDL (130 mg/dL-170 mg/dL)
 - One additional CHD risk factor

MEVACOR™ Daily Appeals to a Unique Population

Motivated, Health-Conscious Consumers

- Regularly visit doctor
 - 70-80% at least yearly and discussed cholesterol
 - 70-80% had cholesterol test within year
- Know they have a cholesterol problem
- Committed to lifestyle changes
- Use consumer products for heart health
 - Aspirin, vitamin E, fish oil, garlic
- Supplements ←→ Prescription

FDA Agreements Following 2005 Advisory Committee

- Target population can benefit
- Safety and efficacy is appropriate for OTC
- Actual use behavior is satisfactory
 - CUSTOM showed
 - 21% LDL reduction
 - Follow-up cholesterol testing and goal
 - Diet and exercise
 - Compliance and persistence
 - Interaction with doctor & pharmacist

FDA Recommendations for Additional Study

- Improve and test label
- Maintain strong safety seen in CUSTOM
- Improve communication of
 - Pregnancy warning
 - Muscle safety warning
- Reduce use by
 - Women under 55
 - Consumers with lower CHD risk
- Detail consumer support/monitoring programs

Non-prescription Statin Criteria

	Addressed
 Target population warrants treatment 	2005
• Efficacy	2005
 Safety 	2005
 Appropriate consumer decisions 	
Self-selection	
 Improve pregnancy & muscle warning 	
– Ongoing use	2005
Lipid lowering	2005
 Cholesterol test/achieving goal 	2005
Diet & exercise	2005
Compliance/persistence	2005
Interaction with healthcare professional	2005
 Consumer support program 	2005
 In-market monitoring program 	

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In-market monitoring program	

MEVACOR™ Daily: Key Consumer Studies

- CUSTOM: Actual Use Study (2005)
- SELECT: Self-Selection Study (2007)
- Label Comprehension Studies
 - Pivotal SELECT Label Study
 - Muscle Safety Warning Study

Commitment to Responsible Marketing

- Represents a new approach to life-saving medicines
- GSK experience and track record
- Comprehensive educational program
- Sold only in stores with pharmacies
 - Provides access and enhanced support
 - Optimizes public health opportunity

Today's Speakers

Introduction Edwin Hemwall, PhD

Merck Research Laboratories

Public Health Opportunity Valentine Burroughs, MD, MBA

Mount Sinai Medical School

Lovastatin Safety Ingrid Adamsons, MD, MPH

and Efficacy Merck Research Laboratories

CUSTOM Jerry Hansen, RPh

Merck Research Laboratories

SELECT Edwin Hemwall, PhD

Support & Saul Shiffman, PhD

Monitoring Program University of Pittsburgh

Responsible Marketing George Quesnelle

GlaxoSmithKline Consumer Healthcare

Conclusion Edwin Hemwall, PhD

10

Invited Consultants

Elizabeth Barrett-Connor, MD

Professor and Chair
Department of Family and Preventive Medicine
Chief, Division of Epidemiology
Univ. of California San Diego School of Medicine

Jerome Cohen, MD

Professor of Internal Medicine/Cardiology Director, Preventive Cardiology Programs St. Louis University School of Medicine

Antonio M. Gotto, Jr., MD, DPhil

Dean of the Weill Medical College Cornell University

Steven Mann, MD

Mann Healthcare Ltd.
United Kingdom

Jeremy Nobel, MD, MPH

Department of Health Policy and Management Harvard School of Public Health

Anthony Scialli, MD

Vice President, Sciences International Adjunct Professor of OB/GYN, Molecular Biology Georgetown University Medical Center

Paul Watkins, MD

V. S. Caviness Distinguished Professor of Medicine Professor of Pharmacotherapy University of North Carolina

Robert L. Wortmann, MD

Professor of Medicine

Dartmouth Hitchcock Medical Center

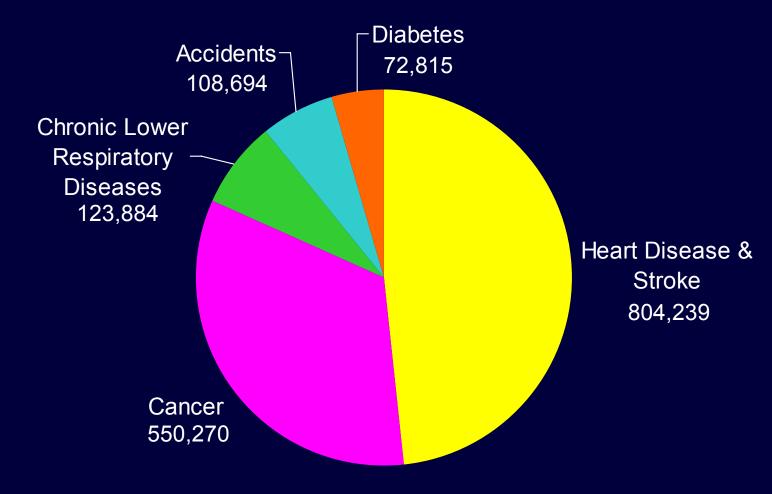
Nonprescription MEVACOR™ Daily Public Health Benefit

Valentine Burroughs, MD MBA

Associate Professor of Medicine

Mount Sinai Medical School, New York City

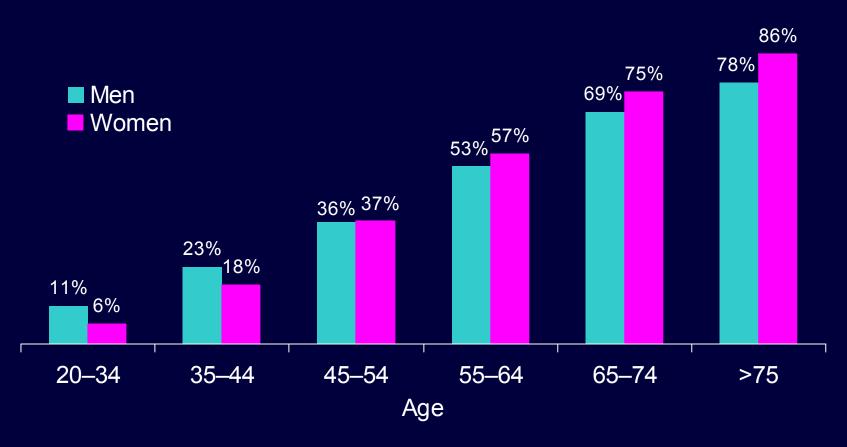
Cardiovascular Disease Kills More Americans Than Any Other Disease



Source: National Vital Statistics Reports, Vol. 54, No. 19, June 28, 2006. Data for 2004.

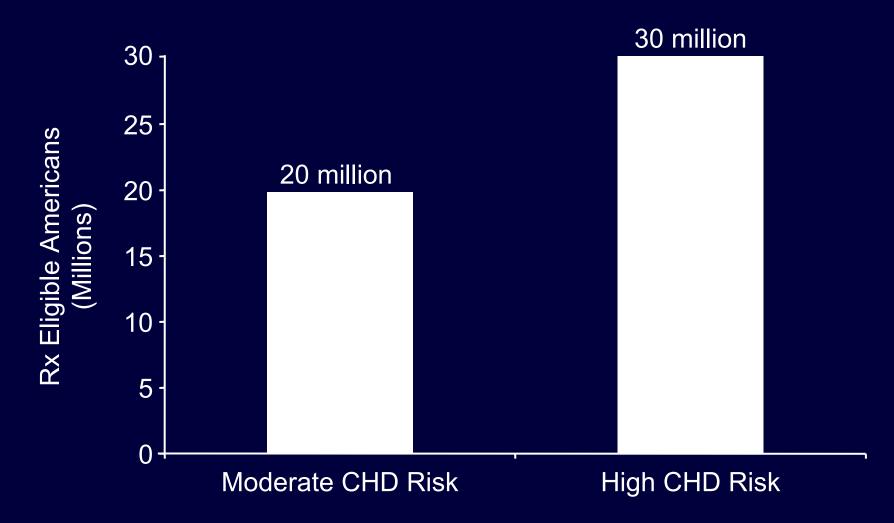
Prevalence of Cardiovascular Disease Remains High in U.S.

Percent of Population With Cardiovascular Disease by Age and Gender, U.S.: 1999–2002

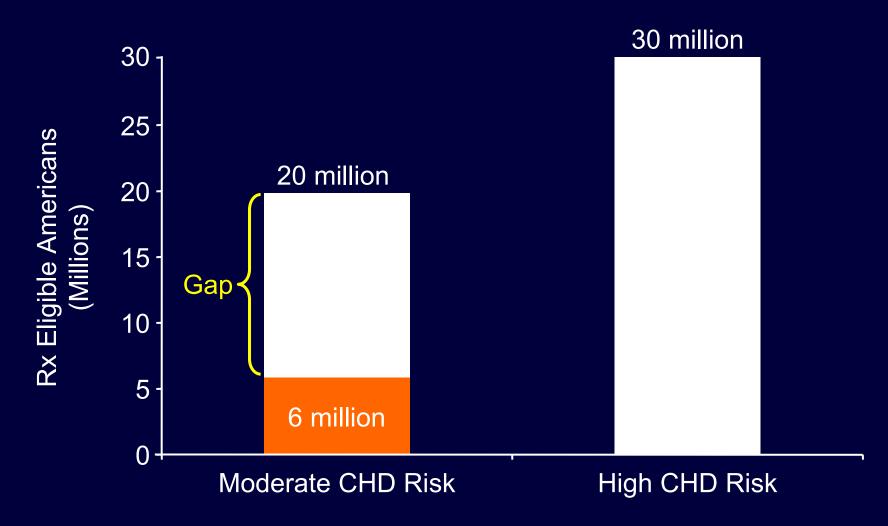


AHA Heart Disease and Stroke Statistics—2006 Update.

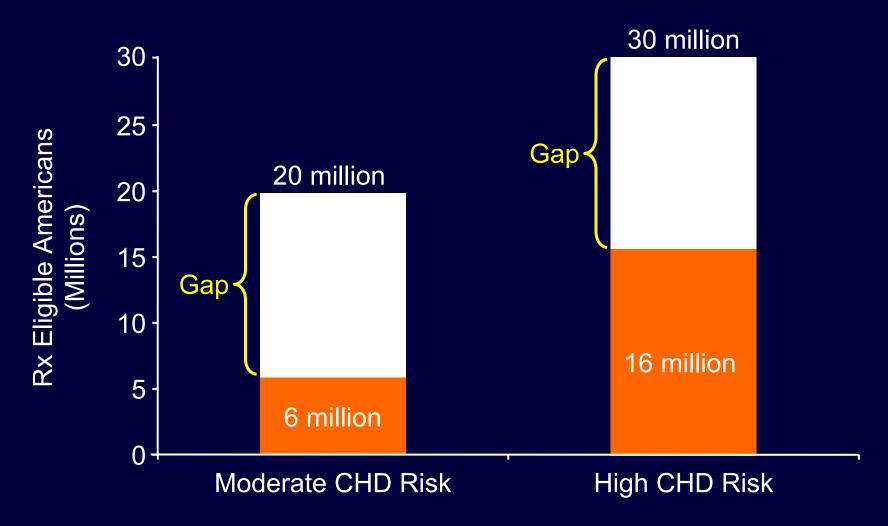
OTC Statin Therapy Could Help Reduce Cholesterol Treatment Gap



OTC Statin Therapy Could Help Reduce Cholesterol Treatment Gap



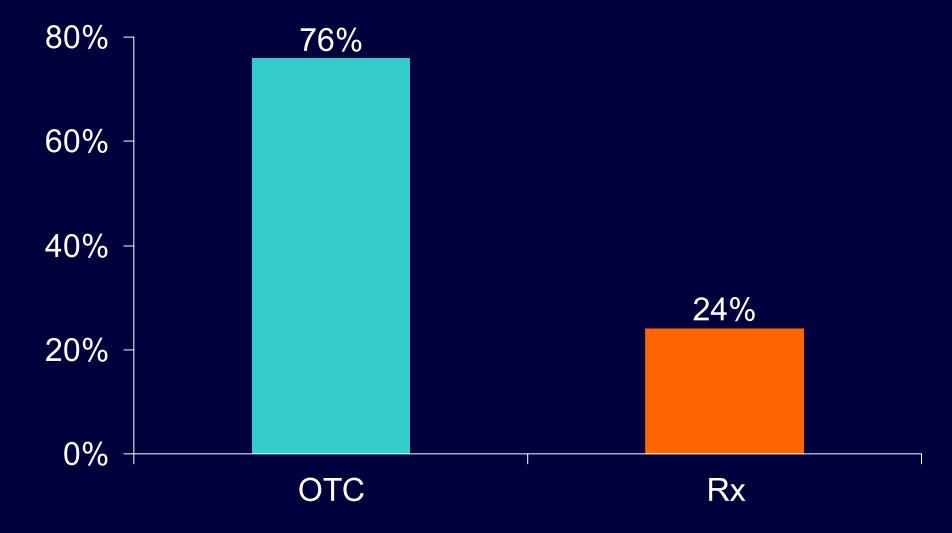
OTC Statin Therapy Could Help Reduce Cholesterol Treatment Gap



Potential Public Health Benefit of OTC Statin Can Be Estimated

- Based on CUSTOM data (Brass, et al.[†])
 - 23,000-33,000 CHD events would be prevented per million people over 10 years
- Based on U.S. population (Gemmel, et al.[‡])
 - 185,000 CHD events would be prevented in moderate-risk people in the U.S. over 5 years

Many Moderate Risk Consumers Prefer OTC vs. Rx Cholesterol Medication (N=710)



National Consumers League/Harris Interactive 2007 Survey, Q 610/611.

Why Moderate Risk Population Prefers OTC to Rx (N=710)

OTC

- 80% said more suitable for those who take charge of their health
- 70% said more suitable for someone with their health care needs

Rx

86% said more suitable for someone in poor health

Many People Take Dietary Supplements to Lower Cholesterol

"Drop Your Cholesterol

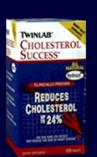
30 points in 30 Days

or It's FREE"

"Lower LDL and Triglycerides Without Exercise or Change in Diet"



"SAFE and Effective... All Natural... No Side Effects"













Discover how you can lower your BAD CHOLESTEROL safely and naturally... without expensive prescriptions and their harmful side effects.

CHOLESTASYS"







"Causes Zero negative side effects, only positive benefits!"

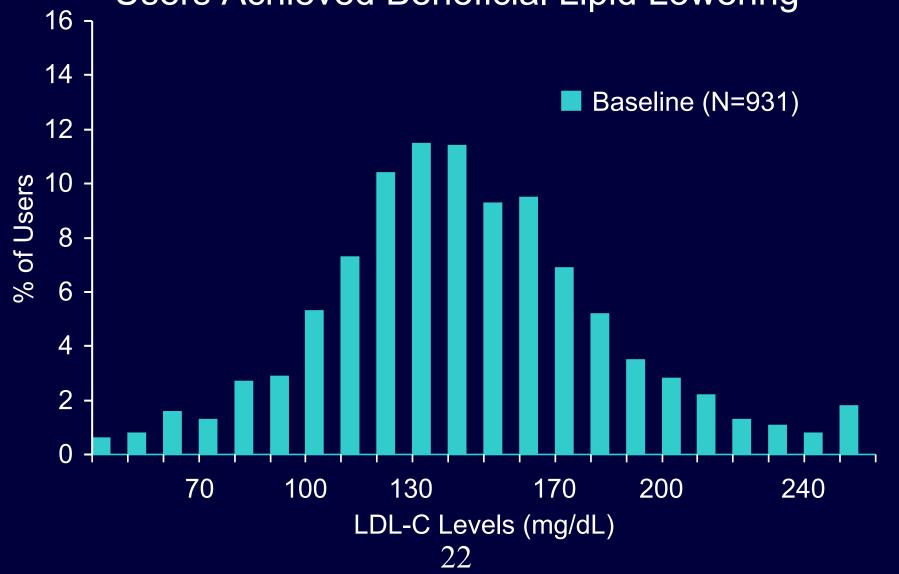






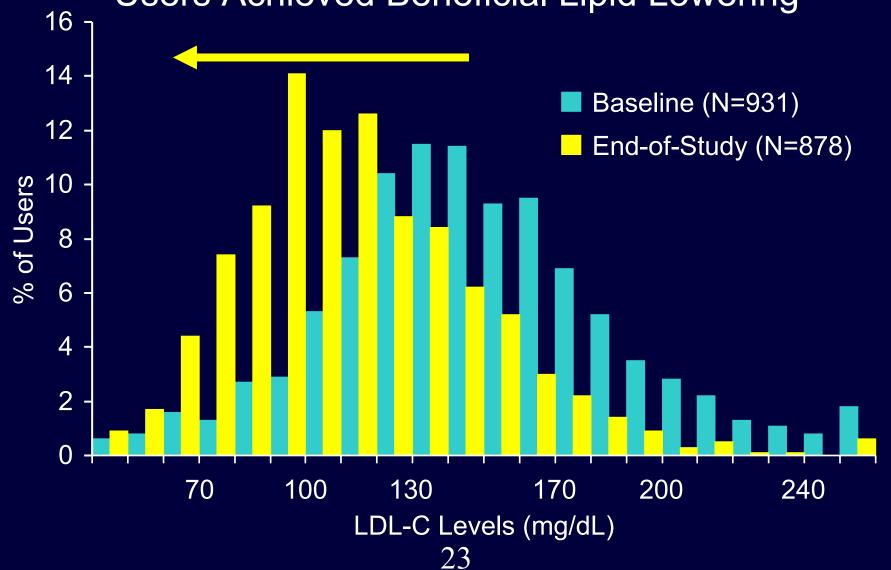
Lovastatin 20 mg OTC Can Help Shift Curve

CUSTOM Data
Users Achieved Beneficial Lipid Lowering



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CUSTOM Data
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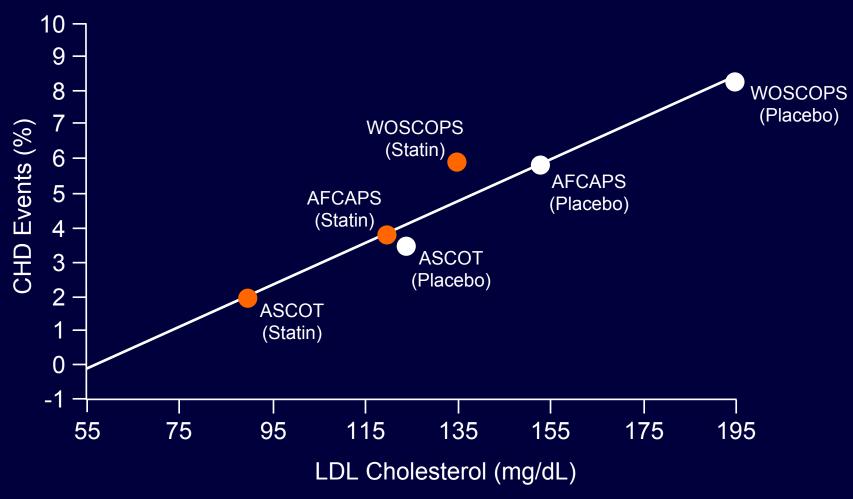
MEVACOR™ Daily can help address an important public health need.

Lovastatin: Efficacy and Safety

Ingrid Adamsons, MD, MPH Merck Research Laboratories

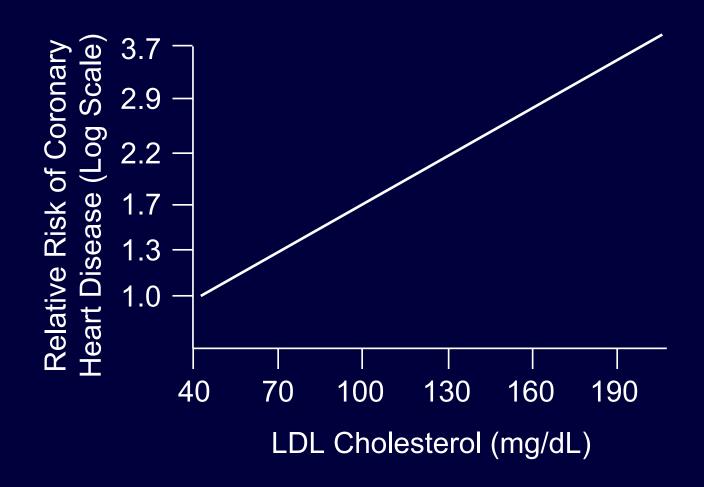
Lower LDL-Cholesterol Results in Lower Cardiac Event Rates

Primary Prevention Studies: Mean Values on Treatment



O'Keefe et al. J Am Coll Cardiol 2004;43:2142-2146.

LDL Cholesterol: Lower Is Always Better

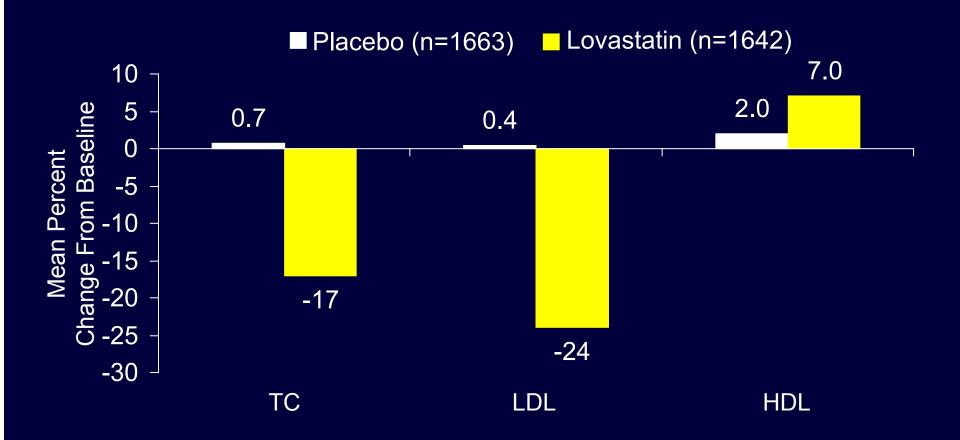


MEVACOR™ (Lovastatin): Demonstrated Efficacy and Safety

- First FDA approved statin (1987)
- Extensive marketed use
 - 35+ million patient treatment-years
- Well studied in many clinical trials including
 - EXCEL: 48 week clinical study
 - 8245 patients
 - AFCAPS/TexCAPS: 5+ year endpoint study
 - 6605 patients

Lovastatin Effective in Lowering LDL-C

Expanded Clinical Evaluation of Lovastatin (EXCEL) Study
Lovastatin 20 mg Daily

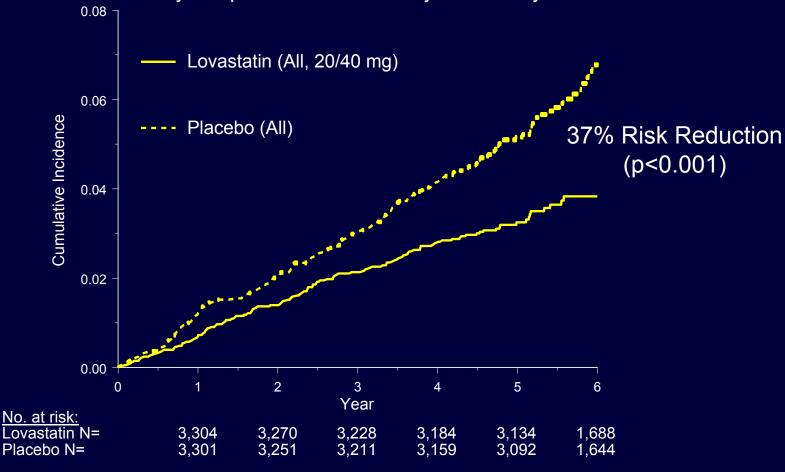


p-Value <0.001 for all lipid parameters: between group differences and changes on lovastatin from baseline to Week 48.

Lovastatin Effective in Reducing Coronary Events

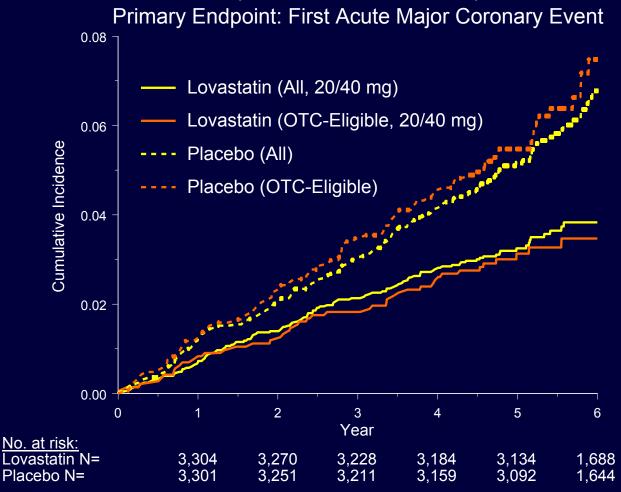
Air Force/Texas Coronary Atherosclerosis Prevention Study (AFCAPS/TexCAPS)

Primary Endpoint: First Acute Major Coronary Event



Lovastatin Effective in Reducing Coronary Events

Air Force/Texas Coronary Atherosclerosis Prevention Study (AFCAPS/TexCAPS)



Lovastatin Similar to Placebo in Key Safety Parameters

AFCAPS/TexCAPS (5+ years)

	Placebo N=3248 <u>%</u>	20 mg N=1586 	40 mg N=1657 <u>%</u>
Muscle enzymes (CPK>10x ULN)	0.6	0.7	0.6
Liver enzymes: ALT (Consecutive elevations 3x ULN)	0.3	0.7	0.4
Muscle pain (Myopathy-myalgia with CPK>10x ULN	V)	0	0
Rhabdomyolysis (Myopathy with end-organ damage)	0.06	0.07	0
Hepatic failure	0	0	0

No Increase in Muscle AEs With Strong CYP3A4 Inhibitors

Subset of AFCAPS/TexCAPS Patients

	Lovastatin 20 to 40 mg (N=535 [†])			Placebo (N=511)	
	n	(%)	n	(%)	
Myopathy/rhabdomyolysis	0	(0)	0	(0)	
Muscle weakness	1	(0.2)	2	(0.4)	
Myalgia	3	(1)	4	(1)	
Any musculoskeletal AE	42	(8)	39	(8)	

[†] Erythromycin (387), clarithromycin (107), ketoconazole (42), itraconazole (51).

Lovastatin Use With Liver Disease

- Database study of patients with liver dysfunction or disease
 - 93,106 total in study
 - 13,491 received lovastatin
- Exposure to lovastatin associated with substantially reduced risk of adverse hepatic outcomes
- FDA Briefing Document concludes[†]
 - "...sufficient evidence that the risk of hepatotoxicity is minimal in patients with common asymptomatic liver diseases to address the safe use of this product in the nonprescription setting."

[†] Attachment 3, page 8.

No Increased Incidence of ALS

- FDA Briefing Document[†]
 - Clinical trials: Similar incidence for statin and placebo
 - ~4.4 cases per 100,000 PTY
 - No increased incidence in U.S. in past 20 years
- Lovastatin clinical trials of 6+ months duration (48 weeks to 5.2 years)
 - No reports with lovastatin (n=10,171) or placebo (n=5280)

Lovastatin: Effective Treatment for Primary Prevention

- Effectively decreases LDL-C and CHD risk
- Excellent safety profile
- Demonstrated
 - With OTC dose
 - In OTC population

MEVACOR™ Daily

CONSUMER Use Study of OTC MEVACOR

Jerry Hansen, RPh Merck Research Laboratories

CUSTOM: Key Objectives

- Determine if consumers could appropriately self-select and use MEVACOR™ Daily
- Determine level of LDL reduction OTC
- Collect data on key questions
 - Compliance
 - Diet and exercise
 - Physician interaction

CUSTOM Study Overview (N=3346)

- Simulated OTC setting
- 1059 purchased and used
- 6-month actual use trial
- Consumer support program

Two-Step Consumer Support Program

In-Store Support Ongoing Support



Promotes Diet & Exercise and Healthcare Provider Interaction

CUSTOM Results %

Rx Care (Statins) %

Obtained LDL-C goal

Rx Care (Statins) % 57°- 68°

	CUSTOM Results <u>%</u>	Rx Care (Statins) <u>%</u>
Obtained LDL-C goal	62	57°- 68°
Persistence	62	43°- 68°

^a Frolkis, et al. *Am J Cardiol* 2004; 94:1310-1312. ^b Pearson, et al. *Arch Intern Med* 2000; 160:459-67. ^c Benner, et al. *JAMA* 2002;288:455-461. ^d Grant, et al. *Arch Intern Med* 2004; 164:2343-2348.

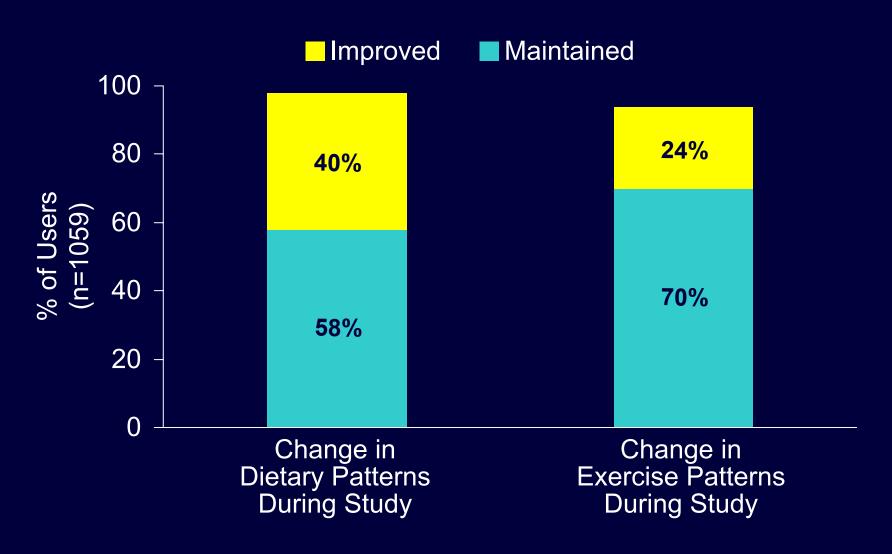
	CUSTOM Results <u>%</u>	Rx Care (Statins) <u>%</u>
Obtained LDL-C goal	62	57°- 68°
Persistence	62	43°- 68°
Average LDL-C reduction	21	24°- 25 ^f

^a Frolkis, et al. *Am J Cardiol* 2004; 94:1310-1312. ^b Pearson, et al. *Arch Intern Med* 2000; 160:459-67.

^c Benner, et al. JAMA 2002;288:455-461. ^d Grant, et al. Arch Intern Med 2004; 164:2343-2348.

e EXCEL data. f AFCAPS data.

MEVACOR™ Daily Program Promotes Lifestyle Changes

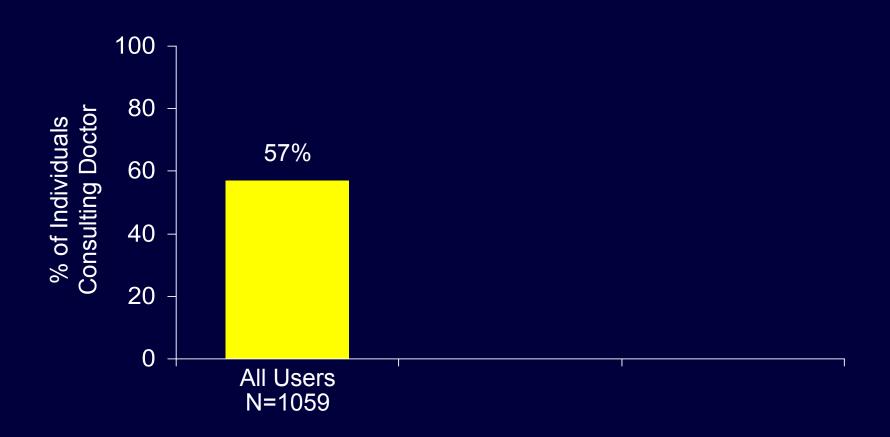


MEVACOR™ Daily Program <u>Drives Healthcare Professional Interaction</u>

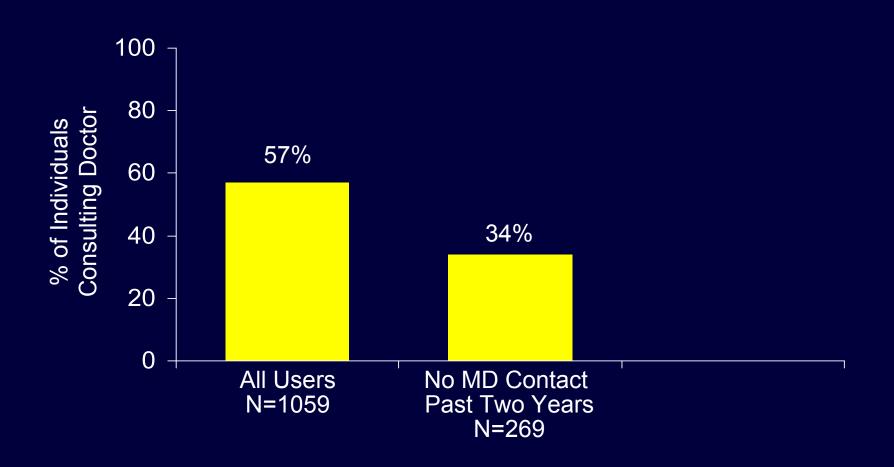
- Emphasized throughout program
- High-Risk Referral System



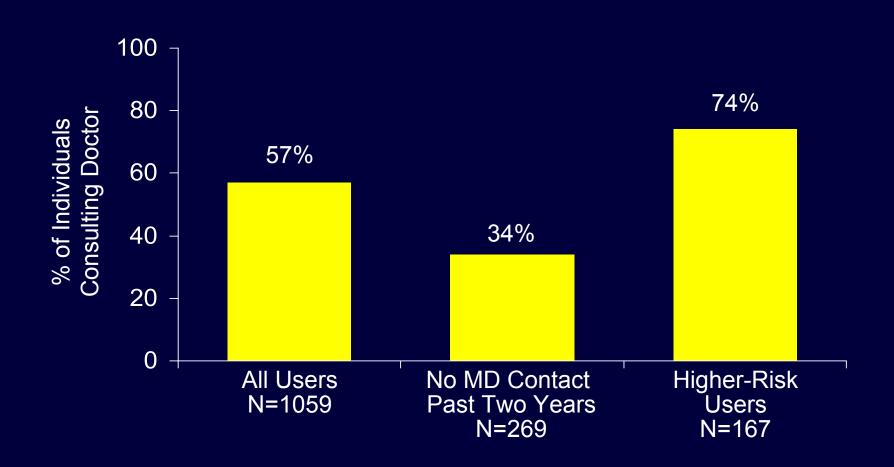
MEVACOR™ Daily Program Encourages Interaction With Physician



MEVACOR™ Daily Program Encourages Interaction With Physician



MEVACOR™ Daily Program Encourages Interaction With Physician



CUSTOM Summary

- CUSTOM Consumer Results
 - Reduced LDL 21%
 - Maintained/improved diet and exercise
 - Appropriately interacted with physician
- Consumer Support Program
 - Responsible, comprehensive, tested

MEVACOR™ Daily

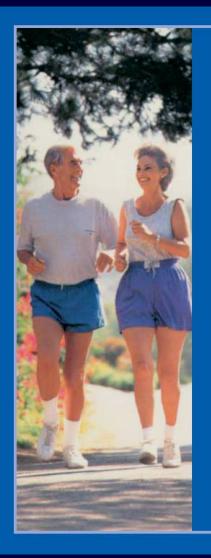
SELECT: Self-Evaluation of Lovastatin to Enhance Cholesterol Treatment

Edwin L. Hemwall, PhD Merck Research Laboratories

SELECT: Key Objectives

- Maintain high safety scores achieved in CUSTOM
- Improve self-selection in
 - Women less than 55 years of age
 - Women of childbearing potential
 - People with lower CHD risk

New Front Panel Emphasizes Age Requirement



MEVACOR[™]

Lovastatin 20 mg Daily

This Product is only for:



WOMEN age 55 and older



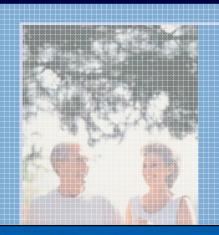
MEN age 45 and older

If you meet these age requirements, read back for more information.





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New Back Panel Highlights What to Do Before Purchasing



Before buying:

- You must have tried a healthy diet and exercise to reduce your cholesterol.
- You must have had a fasting cholesterol test and know your cholesterol numbers.
- Your LDL "bad" cholesterol must be 130 to 170.

Drug Facts

Active ingredient (in each tablet)

Purpose

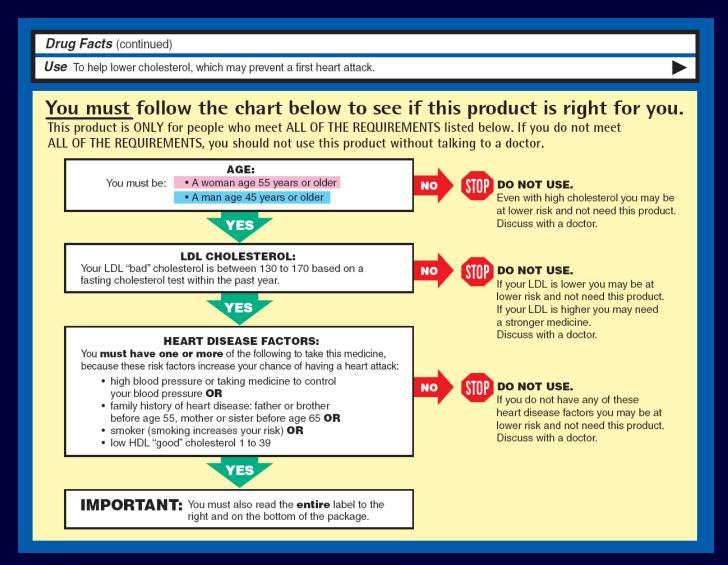
..Cholesterol reducer

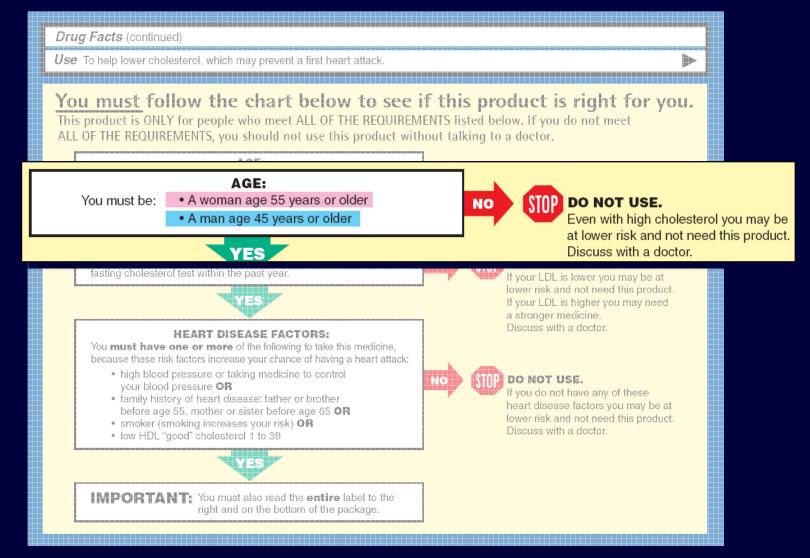
You must read the entire Drug Facts label inside

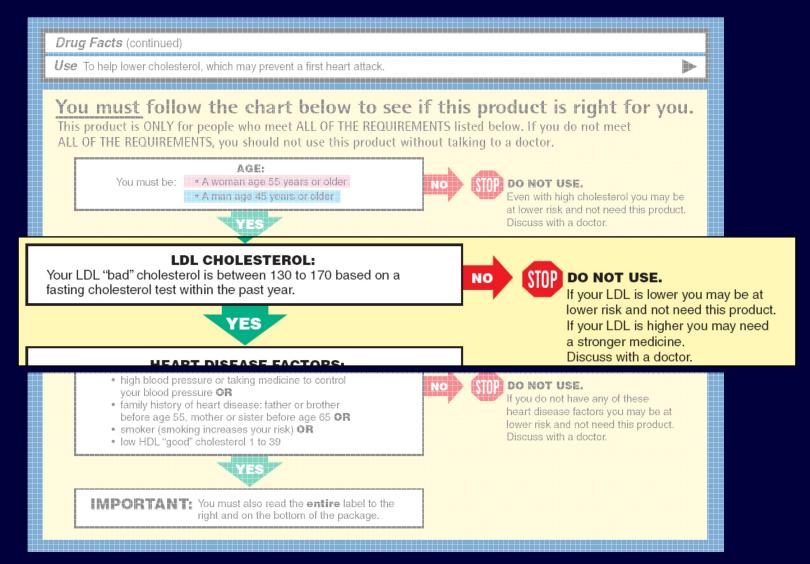
LIFT THIS FLAP

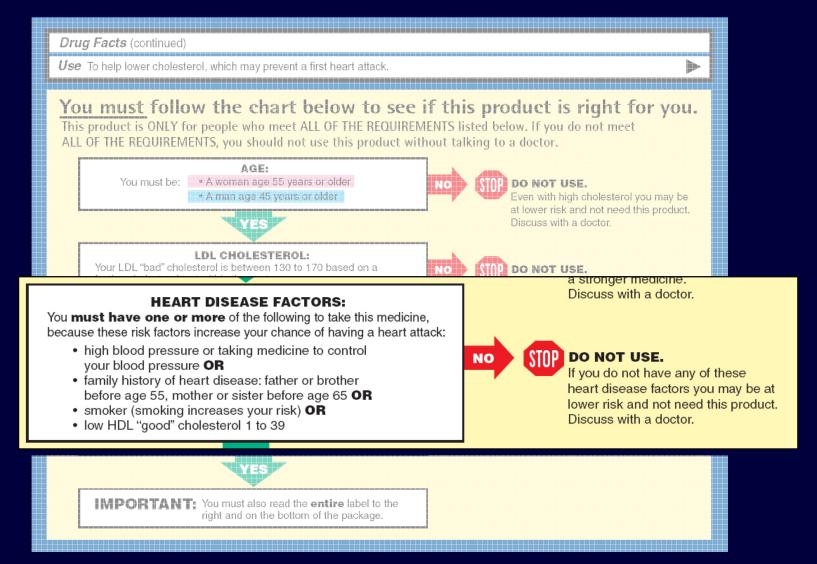
READ LABEL WARNINGS CAREFULLY

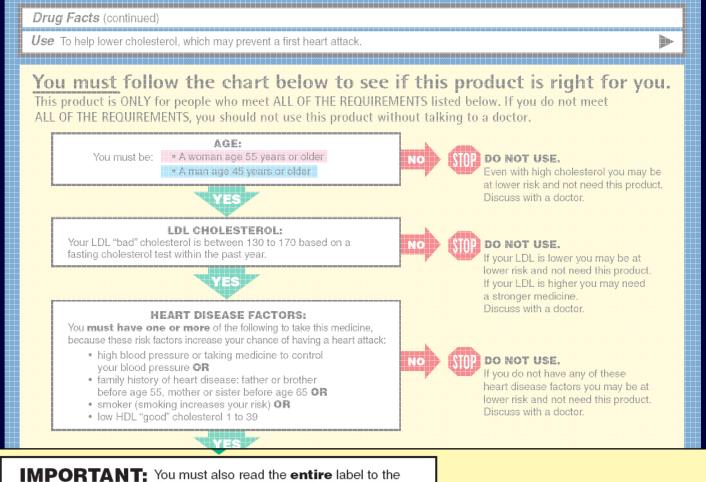












PANT: You must also read the **entire** label to the right and on the bottom of the package.

New Label Has Expanded Pregnancy Warning

OLD

"If pregnant or breast-feeding do not use."

NEW

"If pregnant or breast-feeding, or think you may become pregnant, do not use."

Label Comprehension Studies: FDA Reviews

- Pivotal Label Comprehension Study
 - General agreement with analysis and conclusions
 - Strong scores in key safety areas
 - Most lower scores related to ongoing use
- Muscle Warning Comprehension Study
 - General agreement with analysis and conclusions
 - Strong understanding of muscle warning

SELECT Objectives

- Evaluate consumers' ability to make appropriate self-selection decisions
 - Self-assessment (SA)
 - Purchase decision (PD)
- 2) Provide insights on the reasoning behind the self-selection decisions

Study Recruitment

- TV and Radio
- 14 sites in 7 geographic areas
- Minority ads
- No specific label eligibility guidelines

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- Simulated retail setting
- All comers accepted

Product Evaluation

- Review of package label
- Pharmacist available to answer questions

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Questions

Self-Assessment

"Based on this label, is this product appropriate for you to use right now or not?"

Purchase Decision

"Would you like to pay for this right now for your own use or put it back in the display?"

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Eligibility Assessment

- Medical history
- In-depth questioning on reasons for decisions
- Cholesterol testing

SELECT Demographics

All Participants (N=1497)

Gender (%) Male Female	48 52
Median age (yr.) Male Female	52 53
Low health literacy (%)	13
Racial origin (%) White Black Hispanic Other	63 24 8 5
Median household income (\$)	44K

SELECT Participants Evaluated 15 Label Elements

- Absolute Safety Warnings (Do Not Use)
 - Allergy to lovastatin
 - Pregnant or breast-feeding
 - May become pregnant
- Relative Safety Warnings (Ask a Doctor or Pharmacist Before Use)
 - Have history of liver disease
 - Take potentially interacting medication
 - Take prescription lipid-lowering medication
 - Consume large quantities of grapefruit juice

Benefit Guidelines

- Age
- LDL-C or Total-C in range
- HDL-C in range
- CHD risk factors

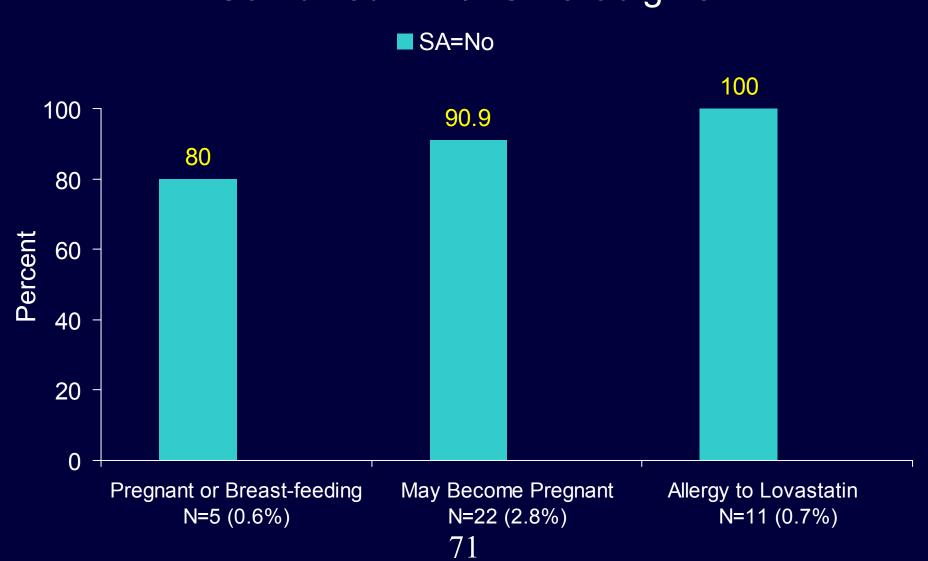
- No heart disease
- No stroke
- No diabetes
 - Non-fasting cholesterol values

Participants With SA=Yes Followed Most Label Elements (N=456)

	Number of Label Elements	Average Correct (Per Participant)
Entire label	15	13.5
Safety warnings	7	6.9
Benefit guidelines	8	6.6

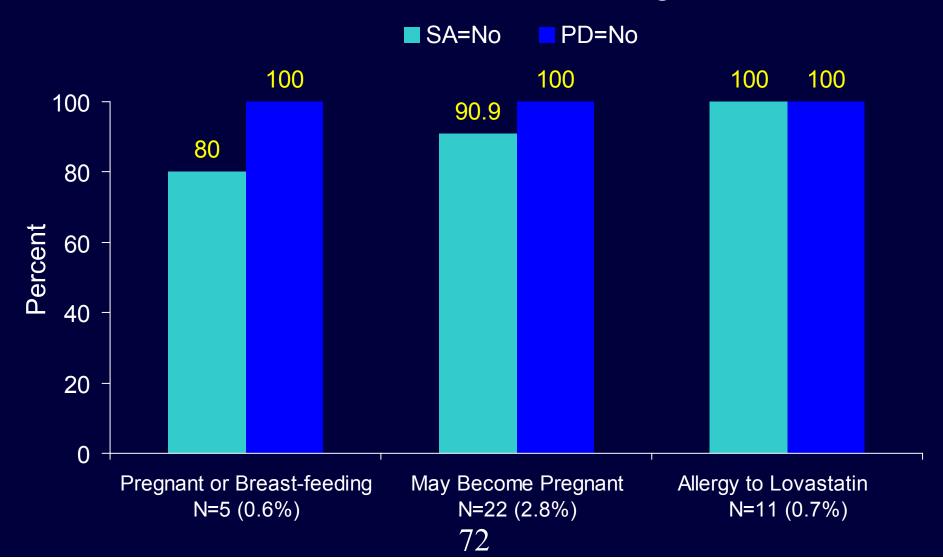
Participants Followed Absolute Safety Warnings

Combined LDL/TC Paradigms

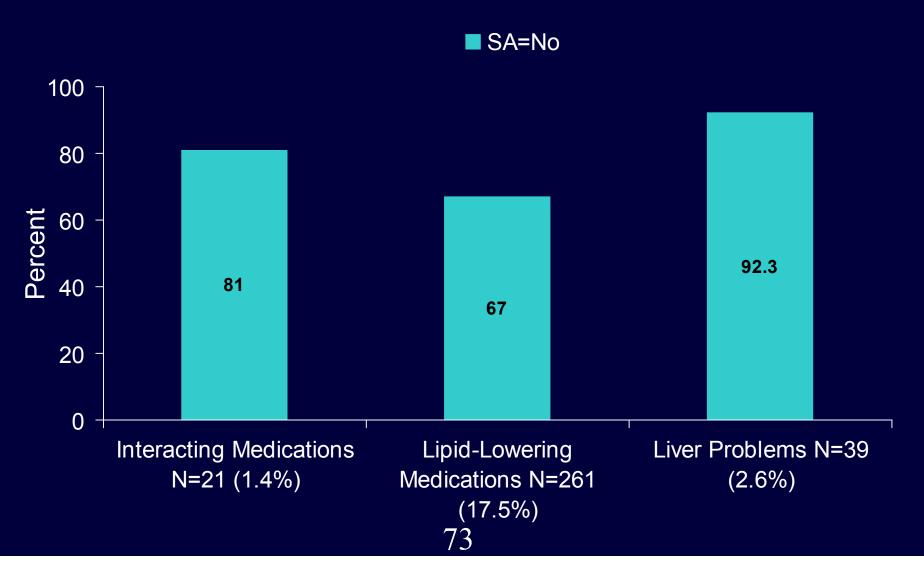


Absolute Safety Warnings: 100% Did NOT Purchase

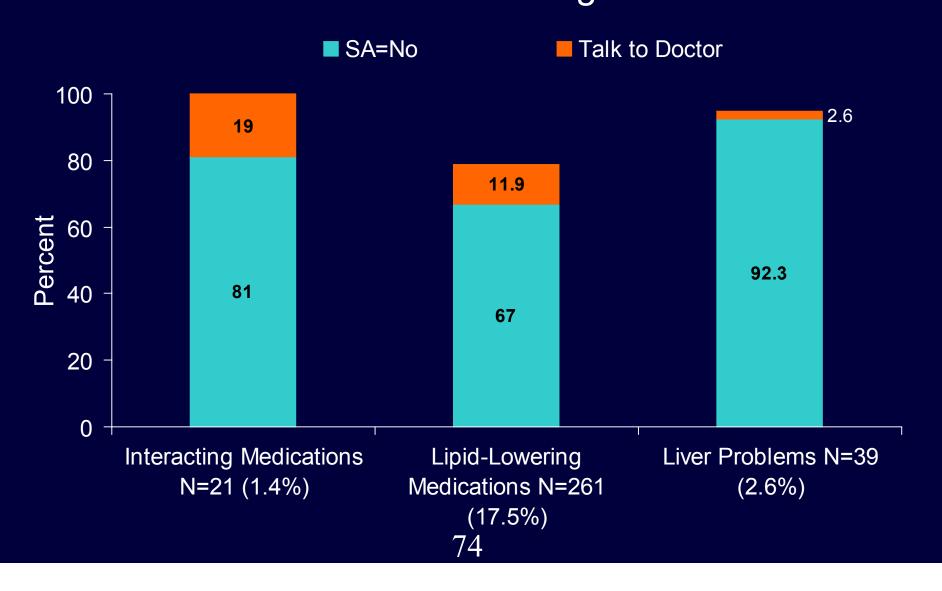
Combined LDL/TC Paradigms



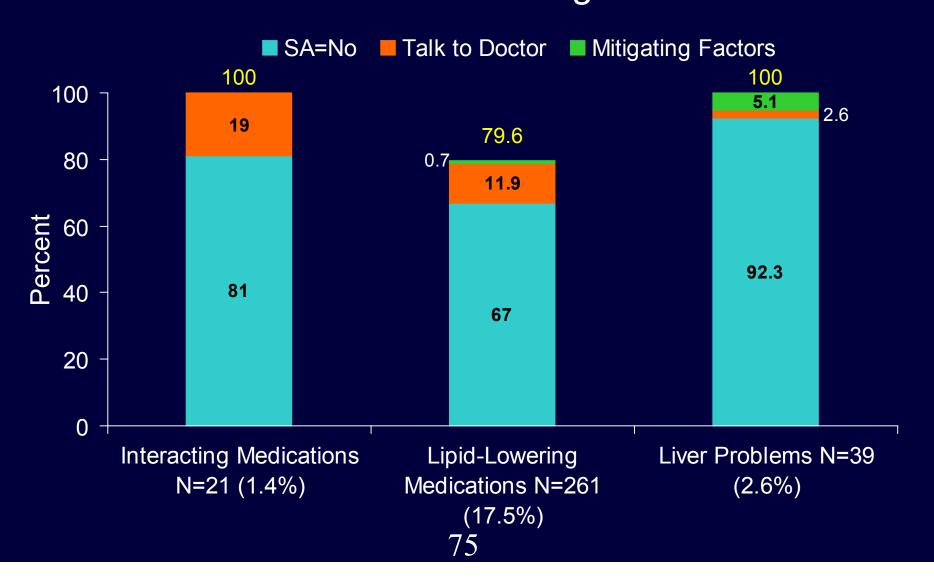
Relative Safety Warnings: Most Participants Follow Label



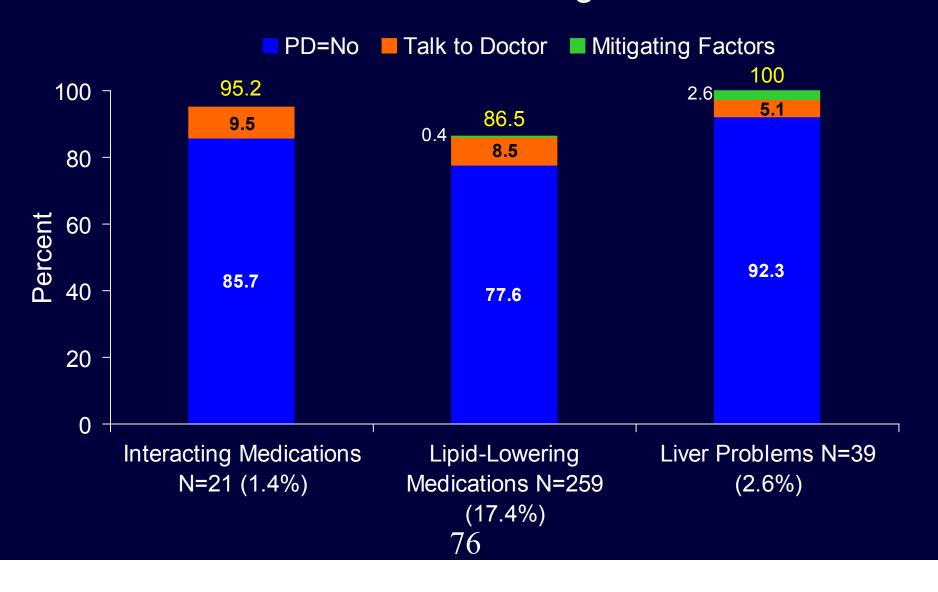
Relative Safety Warnings: Most Participants Follow Label Combined Paradigms



Relative Safety Warnings: Most Participants Follow Label Combined Paradigms



Relative Safety Warnings: Most Participants Did Not Purchase Combined Paradigms



SELECT Maintained Strong Safety Scores

Percent Who Followed Label

	SELECT <u>%</u>	CUSTOM
Absolute safety	100	100
Relative safety		
History of liver disease	100	95
Potentially interacting medicine	95	90
Taking Rx for lipids	87	87

For SELECT: Includes PD=No, Talk to Doctor and Mitigating Reasons. For CUSTOM: Includes PD=No and Talk to Doctor.

Label Guidelines Designed to Optimize Benefit of MEVACOR™ Daily

- Age: Men ≥45, women ≥55
- LDL-C: 130-170 mg/dL or Total-C 200-240 mg/dL
- HDL-C: <60 mg/dL for women
- Presence of CHD risk factors
 - High BP, smoker, family history, HDL<40 mg/dL
- No history of heart disease, stroke, or diabetes

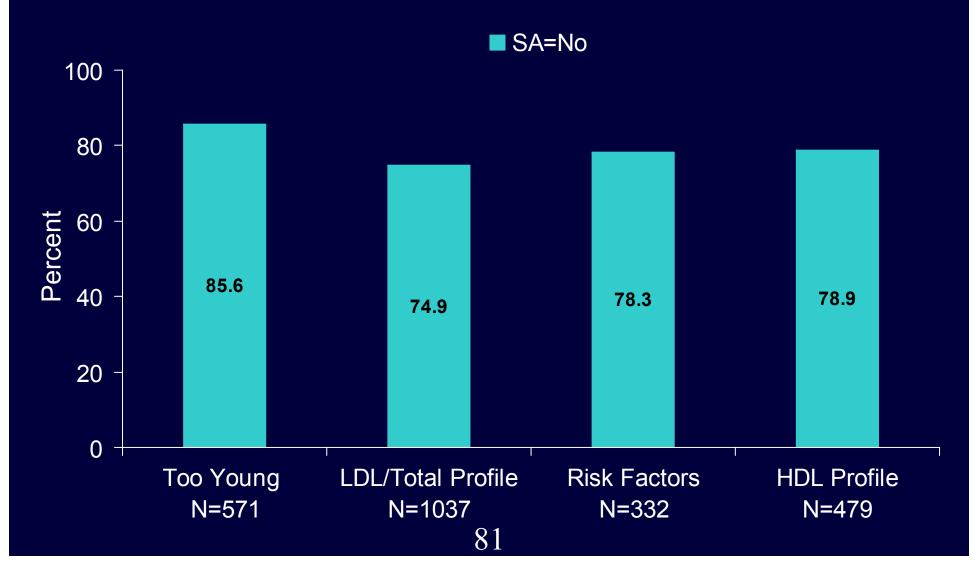
Results From SELECT

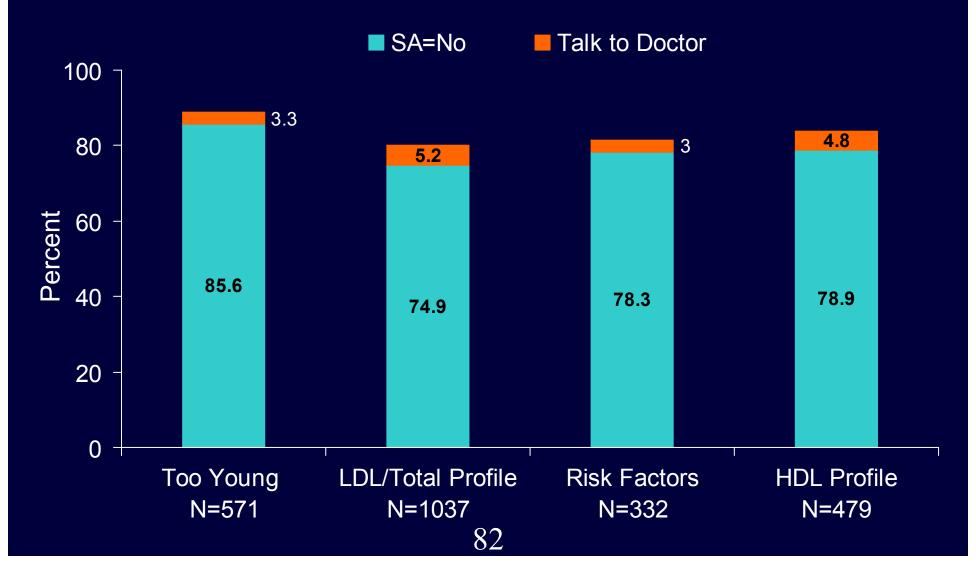
(Mean)

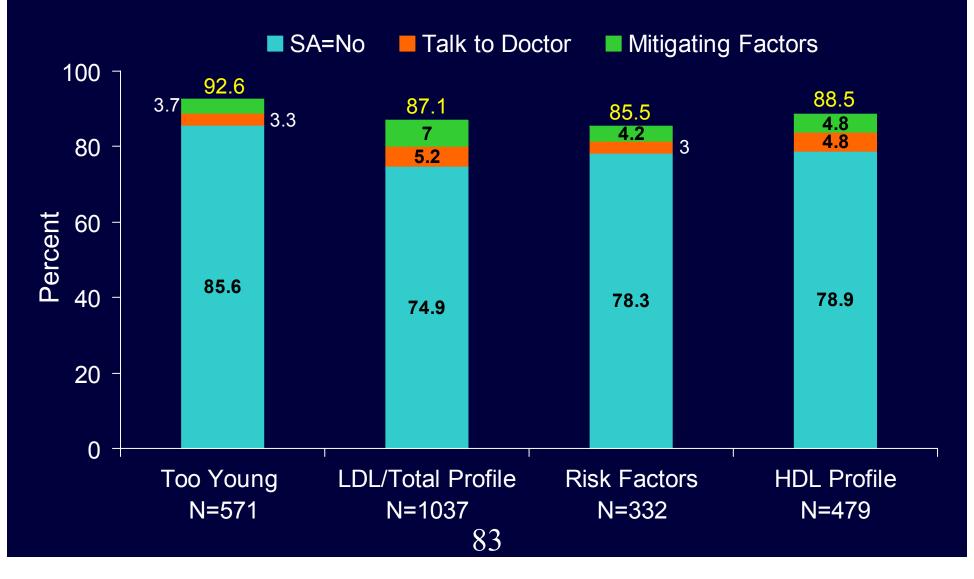
		(IVICAIT)	
	Label	Men	Women
Age: Men (years)	45+	54.2	-
Age: Women (years)	55+	-	59.2
LDL-C (mg/dL)	130-170	154	155
CHD risk factor	≥2	2.0	1.9

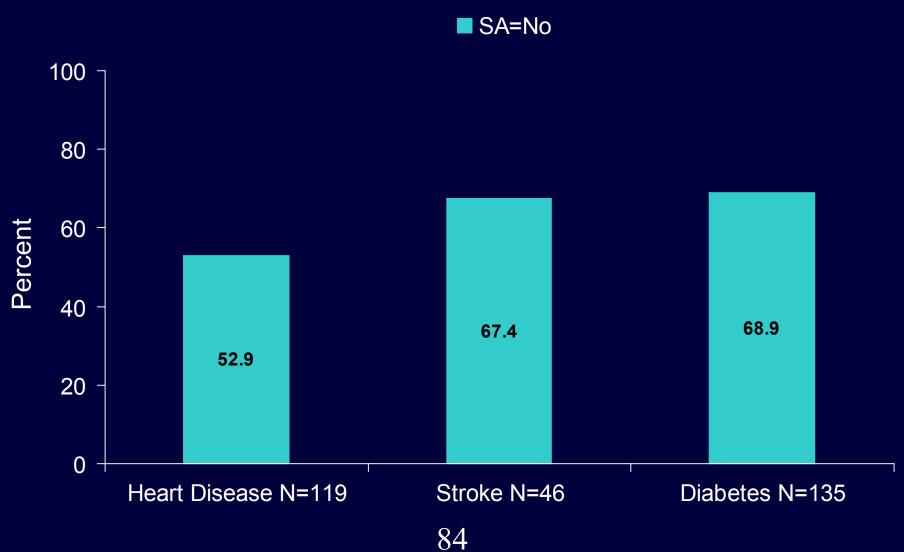
FDA Identified SELECT Results of Concern: Outside of Benefit Guidelines (SA=Yes) Combined Paradigms

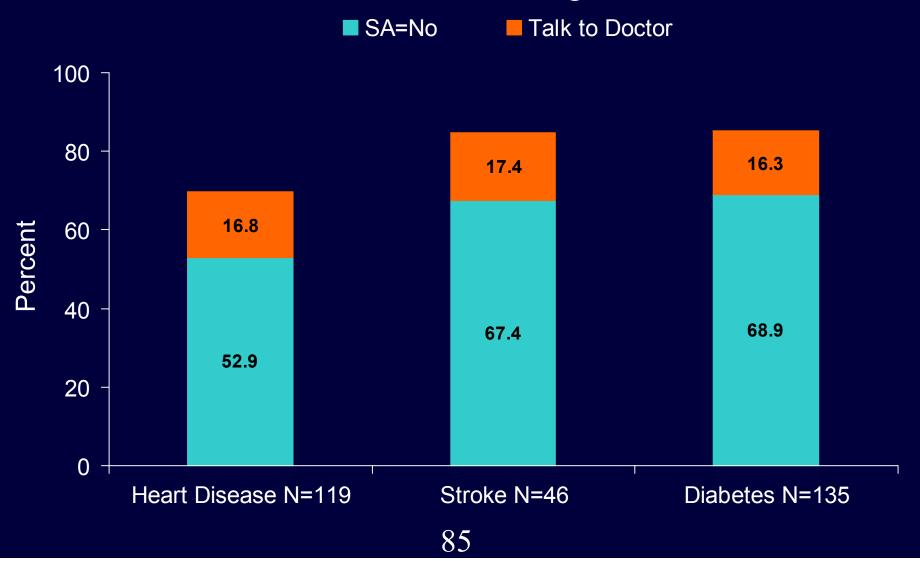
- 11% of women under age 55 said product appropriate
- 16% had lipid levels below label guideline range
- 38% had lipid levels above label guideline range
- 35% with CHD, stroke, or diabetes said product appropriate
- 25% were lower CHD risk per Framingham (<5%)
 - Most were women

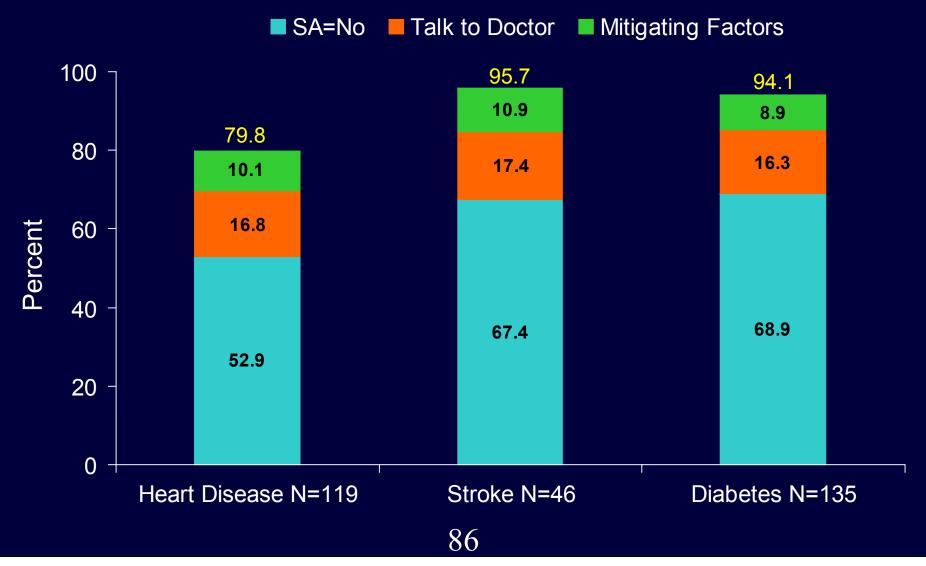


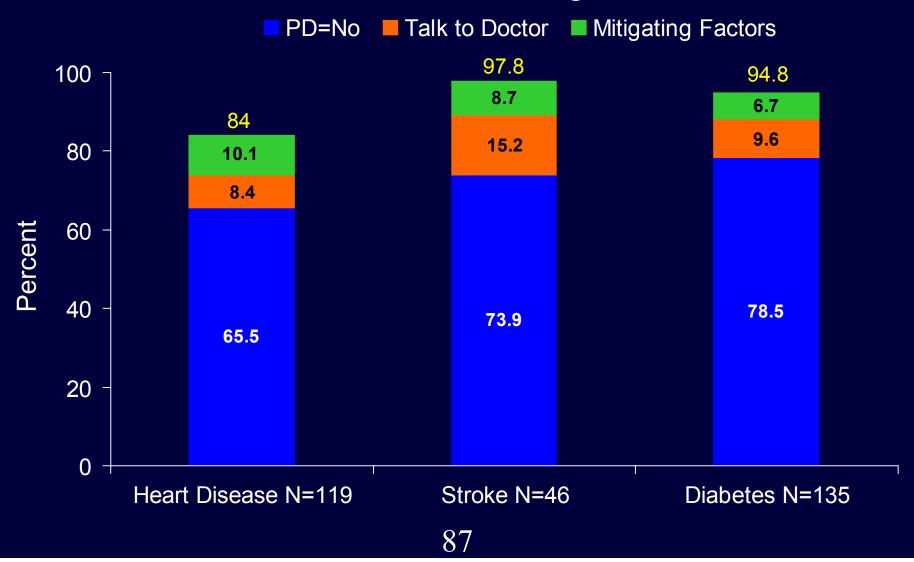












Most Women <55 Years Made Appropriate Decisions

- 89% (335/377) said MEVACOR™ Daily NOT appropriate
- 88% (339/387) did NOT want to purchase
 - Improved from 76% in CUSTOM
- Of the 42 who said SA=Yes
 - 74% Over 45 years of age
 - 83% ≥1 CHD risk factor
 - 64% LDL ≥130 mg/dL
 - 33% Wanted to talk to doctor per label

93% were consistent with the label

Most With Low LDL-C Made Appropriate Decisions LDL Paradigm

- 83% (127/153) said MEVACOR™ Daily NOT appropriate
- 86% did NOT want to purchase
- Of the 26 who said SA=Yes
 - 100% ≥1 CHD risk factors
 - 89% ≥2 CHD risk factors
 - 42% LDL ≥110 mg/dL
 - 46% Wanted to talk to doctor per label

91% were consistent with the label

Label Benefit Guidelines Discourage Use by Participants With Lower CHD Risk[†] Combined Paradigms

- 78% (407/520) said MEVACOR™ Daily NOT appropriate
- 79% did NOT want to purchase
- Of the 113 who said SA=Yes
 - 74% Had LDL-C ≥130
 - 91% Had Total-C ≥200
 - 91% ≥1 CHD risk factors
 - 52% ≥2 CHD risk factors
 - 69% Met age guidelines
 - 83% Within 5 years

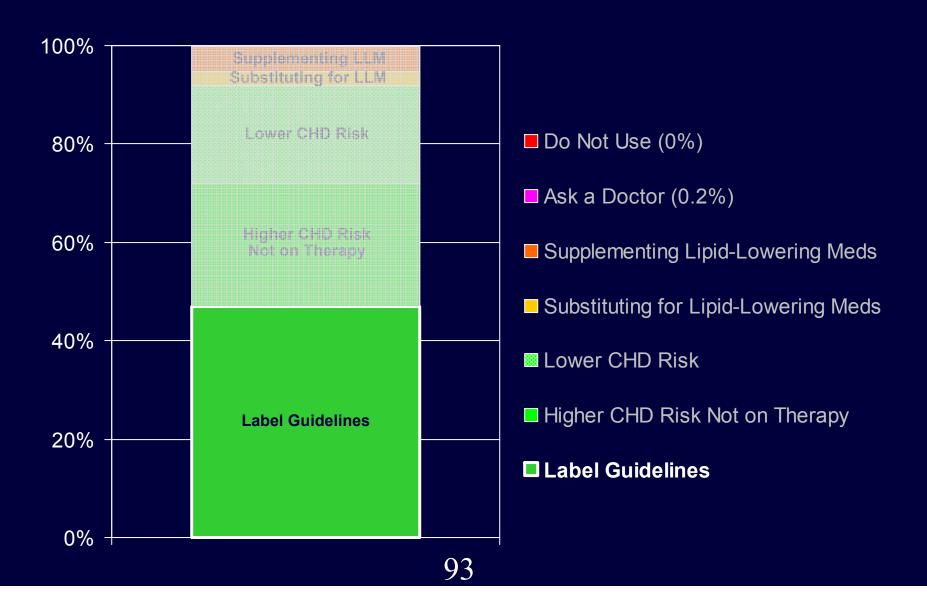
[†] Lower risk is defined as a Framingham 10-year risk score <5%.

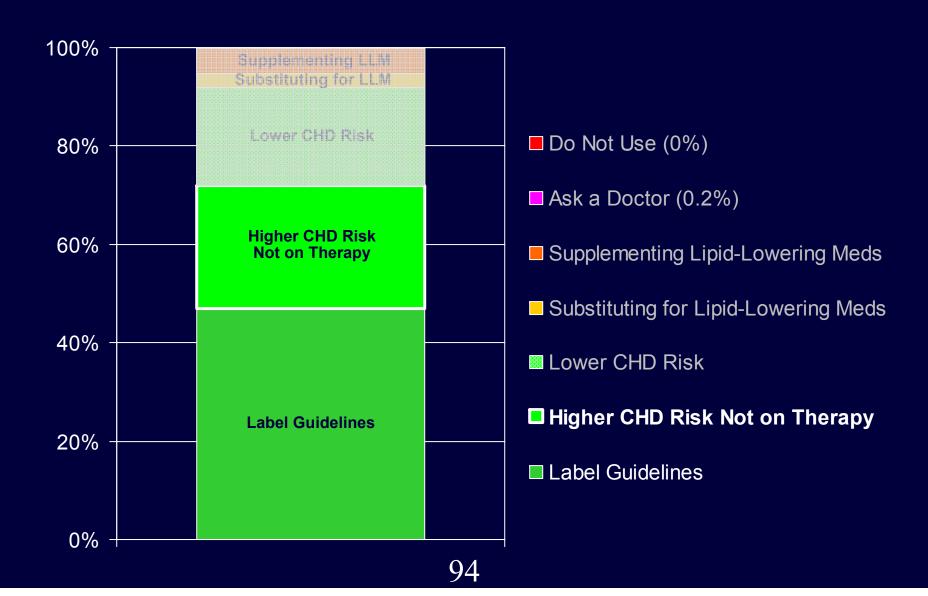
Many People at Higher CHD Risk Not on Lipid-Lowering Therapy

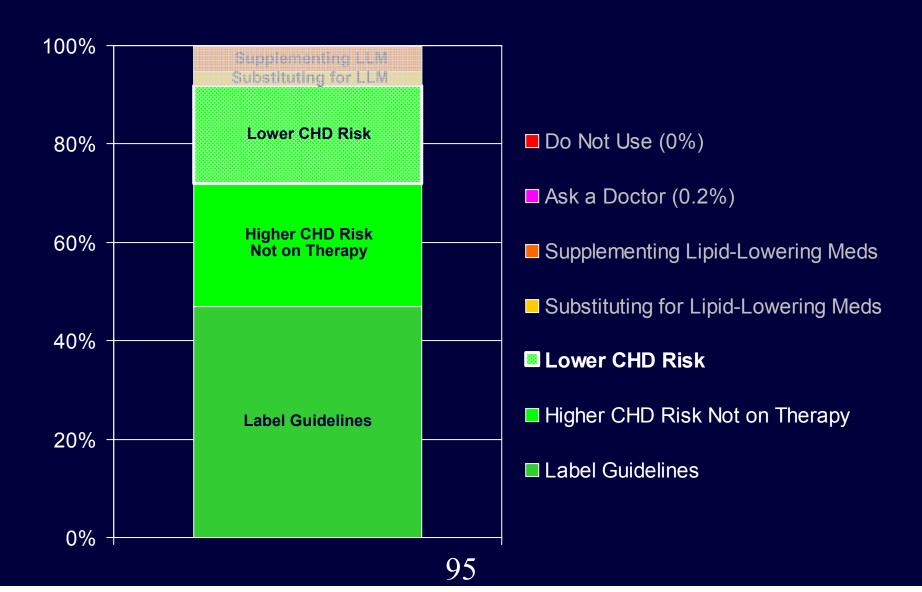
- Framingham Score >20%
 - 53% wanted to purchase
 - 100% not on Rx
- CHD/stroke/diabetes
 - 35% said appropriate
 - 67% not on Rx
- Cholesterol above label guideline
 - 38% said appropriate
 - 89% not on Rx
- All will benefit from reduced LDL or High-Risk Referral System

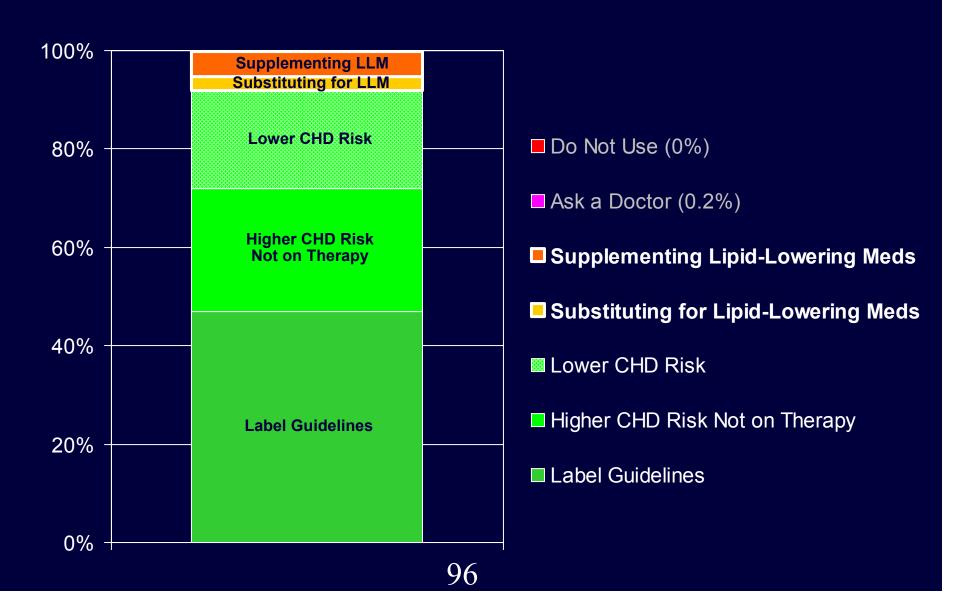
SELECT: Summary

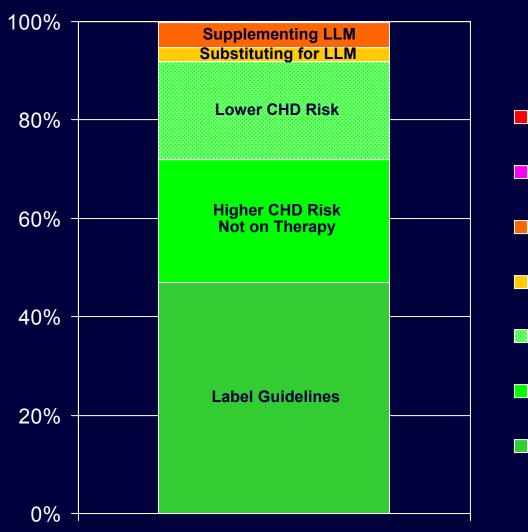
- Maintained strong safety scores
 - 100% followed absolute safety warnings
 - 100% followed liver disease warning
 - 95% followed interacting medication warning
 - 87% followed lipid-lowering medication warning
- Reduced use by women <55 years
 - 88% did not want to buy
- Label prevented use by people with lower CHD risk
 - 79% did not want to buy
- Interviews reveal informed decisions
- Benefit-Risk relationship favorable



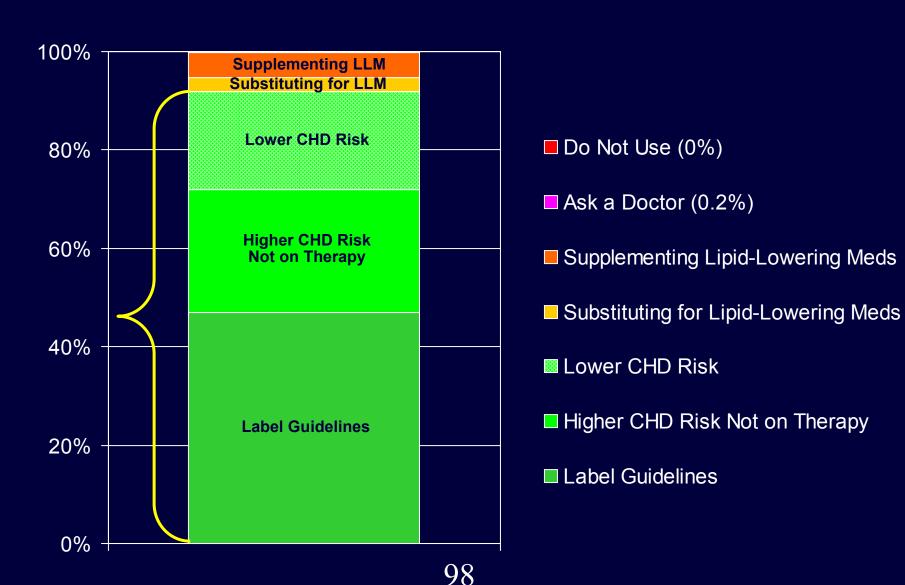








- **■** Do Not Use (0%)
- Ask a Doctor (0.2%)
- Supplementing Lipid-Lowering Meds
- Substituting for Lipid-Lowering Meds
- Lower CHD Risk
- Higher CHD Risk Not on Therapy
- Label Guidelines



MEVACOR™ Daily

Consumer Support and Monitoring Program

Saul Shiffman, PhD

Professor Psychology, Psychiatry, & Pharmaceutical Sciences
University of Pittsburgh

Consumer Support & Monitoring Program

Based on Sound Principles for Behavior Change

- Draws from recent GSK OTC switch programs
 - Nicotine Replacement Therapy (to quit smoking)
 - alli[®] (to lose weight)
- Designed to help consumers
 - Appropriately select whether to use product
 - Use product according to label
 - Change behavior/adopt healthier lifestyles

Consumer Guidance and Support

Three-Step Program











Promotes:

- Appropriate self-selection
 - Appropriate use
 - Healthy lifestyle
- Healthcare provider interaction

Pre-Purchase Guidance

Assists Consumer Self-Selection

- Advertising drives consumers to web and 1-800 number
 - To determine eligibility per label
 - To assess cardiovascular risk



In-Store Guidance

Store-Shelf Communication Engages and Educates Consumer



See if it's right for you. Turn all 5 wheels!













Post-Purchase: In-Package Materials

Direct Appropriate Self-Selection and Use



Ongoing Guidance

Promotes Appropriate Self-Selection

- MEVACOR™ Daily Interactive Consumer Support Program
 - Incentive to enroll
 - Interactive self-selection
- Return/refund if product not appropriate



Ongoing Guidance

Promotes Appropriate Use

- Encourages diet and exercise
- Actively prompts for cholesterol re-testing
- Interactive, tailored, web-based program
 - Provides phone/print if no web access





Ongoing Guidance

- Tailored
 - Addresses individual's motivations and preferences
 - Enhances program effectiveness
- Proactive
 - Prompts for engagement in program
 - Reminds users to have cholesterol re-tested

In-Market Monitoring Program Confirms Appropriate Use

- Adverse Event Reporting per NDA regulations
- Proactive monitoring of consumer behavior
 - Studies of MEVACOR™ Daily users
 - Surveys of physicians & pharmacists
- Timely data on real-world use
- Overseen by an Expert Advisory Board
- Results reported to FDA

Assess Appropriate Self-Selection and Use

- Studies of MEVACOR™ Daily users
- Objectives
 - Assess consumer self-selection
 - Assess on-going use
- Sample interview questions
 - Age, gender, CHD risks
 - Baseline LDL-C level
 - Medications at baseline
 - Use of MEVACOR™ Daily
 - Repeat cholesterol test at 6 weeks

Assess Appropriate Population and Disposition

- Profile interested consumers against target population
 - Population surveys
 - Profile screening contacts
- Disposition of screen-outs to assess heeding and referral
 - Follow-up surveys

Assess Appropriate Self-Selection and Use

- Self-selection and appropriate use in
 - Users enrolled in registry
 - Longitudinal panel
 - Users identified through national household panel
 - Enrollees in Consumer Support Program
- Repeated series identify trends over time

Collects Physician and Pharmacist Observations

- Physicians
 - Contact with MEVACOR™ Daily users
 - Possible areas of concern
- Pharmacists
 - Contact with consumers considering MEVACOR™ Daily
 - Questions consumers are asking
 - Counseling activities
 - Cholesterol and MEVACOR™ Daily knowledge

Consumer Support and Monitoring Program Overseen by Expert Advisory Board

- Multi-disciplinary
- Analyzes and assesses performance
- Recommends program improvements
- Reports provided to FDA

MEVACOR™ Daily Consumer Support & Monitoring Program

- Consumer Support Program
 - Pre-purchase
 - Point-of-purchase
 - Ongoing use
- In-Market Monitoring Program
 - MEVACOR™ Daily user studies
 - Physician and pharmacist surveys
- Independent Expert Advisory Board
- Reporting to FDA

MEVACOR™ Daily

Consumer Support and Marketing Program

George Quesnelle

President

GlaxoSmithKline Consumer Healthcare

North America

GSK Consumer Healthcare

Experienced in Successful Rx-to-OTC Switches

- Nicotine Replacement Therapy 1996
 - Smoking cessation therapy
 - Behavioral support program
- alli® 2007
 - Weight loss therapy
 - Behavioral support program





Nicotine Replacement Therapy

OTC Switch Challenges

- Nicotine is addictive
- Potential teen misuse/abuse
- Professional intervention in OTC setting
- Marketing practices

Nicotine Replacement Therapy

OTC Switch Challenges

- Nicotine is addictive
- Potential teen misuse/abuse
- Professional intervention in OTC setting
- Marketing practices

GSK Commitments

- In-market monitoring
- Labeling, in-market monitoring
- HCP engagement
- Responsible marketing
 - Education
 - Guidance
 - Support

Nicotine Replacement Therapy

OTC Switch Challenges

- Nicotine is addictive
- Potential teen misuse/abuse
- Professional intervention in OTC setting
- Marketing practices

GSK Commitments

- In-market monitoring
- Labeling, in-market monitoring
- HCP engagement
- Responsible marketing
 - Education
 - Guidance
 - Support
- > 7.6 million people quit with OTC Nicotine Replacement

alli® Weight Loss Therapy

OTC Switch Challenges

- Requires behavior change (diet/exercise)
- Potential teen misuse/abuse
- Professional intervention in OTC setting
- Proper self-selection
- Marketing practices

alli® Weight Loss Therapy

OTC Switch Challenges

- Requires behavior change (diet/exercise)
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GSK Commitments

- Behavior support program
- In-market monitoring
- HCP engagement
- Guide self-selection
- Responsible marketing

alli® Weight Loss Therapy

OTC Switch Challenges

- Requires behavior change (diet/exercise)
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- Professional intervention in OTC setting
- Proper self-selection
- Marketing practices

GSK Commitments

- Behavior support program
- In-market monitoring
- HCP engagement
- Guide self-selection
- Responsible marketing
- > 2 million consumers using alli® to lose weight

Right Positioning for Consumers in Advertising

- Appropriate target audience
- Science-based messaging
- Educational and supportive tonality

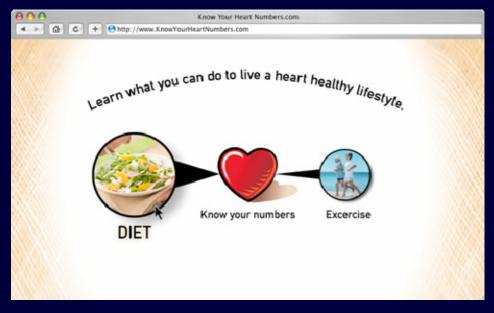


Education to Promote Heart-Healthy Lifestyle

 Educate consumers on importance of high cholesterol and knowing numbers

 Non-branded communications advertising, public relations, web Heart-Healthy Lifestyles Pre-launch Web Program





Cholesterol Education Programs

Collaboration With the American Heart Association

- Website
- 1-800 number
- In-store heart-health education
- Healthcare professional education
- Cholesterol education & screening events

Face-to-Face Consumer Support

- One-on-one with trained counselors
- Heart-healthy lifestyle tips
- Cholesterol testing events

Example Smoking Cessation Counseling













Consumer Support at MEVACOR™ Daily Launch

- Support consumer before and after purchase
- Multiple formats of support
- Science-based messaging



High CHD Risk Referral

GSK Responsible Marketing Commitments for MEVACOR™ Daily

- Educate consumers on cholesterol
- Help people adopt heart-healthy lifestyle
- Help people appropriately select
- Monitor appropriate use
- Make adjustments when necessary
- Included programs in NDA

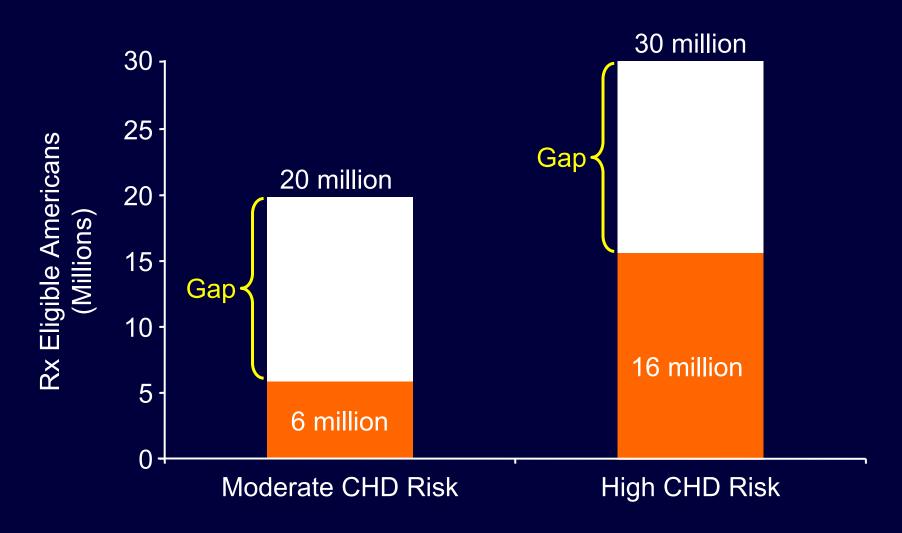
MEVACOR™ Daily A Public Health Opportunity

Edwin L. Hemwall, PhD Merck Research Laboratories

Non-prescription Statin Criteria

	Addressed
 Target population warrants treatment 	2005
• Efficacy	2005
 Safety 	2005
 Appropriate consumer decisions 	2007
Self-selection	2007
 Improve pregnancy & muscle warning 	2007
Ongoing use	2005
Lipid lowering	2005
 Cholesterol test/achieving goal 	2005
Diet & exercise	2005
Compliance/persistence	2005
Interaction with healthcare professional	2005
 Consumer support program 	2005
 In-market monitoring program 	2007

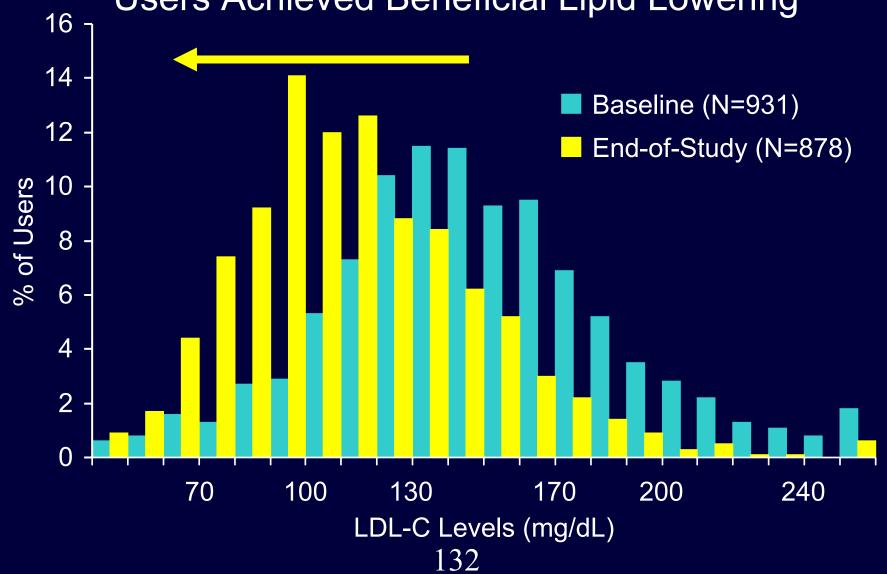
Current Cholesterol Treatment Gap



NHANES 1999 - 2002, Gallup Study of Cholesterol-Lowering Options 2005.

OTC Can Help Shift the Curve

CUSTOM Data
Users Achieved Beneficial Lipid Lowering





MEVACOR Lovastatin 20 mg Daily CHOLESTEROL REDUCER Daily

This Product is **only for**:



WOMEN age 55 and older



MEN age 45 and older

If you meet these age requirements, read back for more information.

