

Personalizing Patient Messaging to Induce Behavior Change

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Pres. and CEO, Resolution Health Inc.;
Adjunct Professor of Medicine and of Health
Policy & Management, Johns Hopkins University

Health Care Today: A Snapshot

- We know a lot about what works and what doesn't
- There's a huge gap between the care doctors provide and the care they ought to provide
- We've spent 30 yrs trying to reduce variation in physician practice by disseminating evidence-based guidelines --- with little effect
- If a pharmaceutical firm gets a patient to ask their MD for a particular medication, there's a 75% chance that patient will get that med.

Where the Marketplace is Going

■ Increased “consumerism”

- Increased economic skin in the game
- Increased individual control and incentives: CDHPs and HSAs
- Vital need for personalized information and decision support:
 - What is appropriate care for me?
 - By how much could I reduce my out of pocket healthcare expenses?
 - How could I achieve those potential savings?

*Incentives,
empowerment
and accountability
based on better
information*

Consumers Need: **Personalized Information** about Health Maintenance and **Care Options**

- What could I do to reduce my risk of a heart attack?
What things will increase my risk of a heart attack?
- Will use of Drug A vs Drug B, or going to Dr. Smith vs Dr. Jones have any impact on my health?
- How much will I spend out of pocket if I use Drug A vs Drug B or go to Dr. Smith vs Dr. Jones?

Consumers Need Personalized Info. about Costs

Not Useful	Useful
Unit of service	Episode
Daily dose	“Treatment course”
Total Cost	Patient’s Share of Cost

What's Required to Change Behavior?

- Provide a **compelling reason** to change behavior
 - extend my life
 - save me money
 - save me time
- **Make it easy** to change behavior
 - information must be actionable
 - call 1-800 number
 - one click on a web site
 - bring in a coupon
- **Reinforce** the behavior change in multiple ways
 - economic incentives
 - social incentives

What Else is Important?

- **When** the message is delivered
 - age
 - timing relative to a person's personal situation
 - "teachable moment"
 - frequency
- **Who** delivers the message
 - credibility
 - skill
- **How** the message is delivered
 - medium
 - packaging
 - simplicity

Potential **Personalized** Strategies

- Personal health statements
- Personalized consumer health education that is pushed to people or made readily available
- Personalized coupons that are provided on a highly targeted basis
- “Market segmentation” with interventions that are “best fit” for particular people

Front

**Better health care
is in your hands.**

A new care guidance program to help you
save money and improve your health care.

Using Your Personal Care Note

- ✓ Show it to your doctors
- ✓ Take advantage of special health care programs
- ✓ Learn how to save money when you need various health care services



ABC Health Plan

+ABC Health Plan

Medical & Pharmacy Claims

25 most recent claims, by service date, received as of Jan. 12, 2005

Date	Service / Drug	Qty	Days	Provider/Prescriber	Paid(**)
Visits					
12/10/04	Office Visit	--	--	Samuel F. Lynn	\$85.00
9/28/04	Ambulatory Emergency Visit	--	--	St. Lucy's Hospital ER	\$766.50
8/17/04	Office Visit	--	--	Michelle L. Wilson	\$85.00
8/15/04	Office Visit	--	--	Samuel F. Lynn	\$85.00
4/12/04	Office Visit	--	--	Terry M. Jones	\$85.00
2/02/04	Office Visit, prolonged sec.	--	--	Michelle L. Wilson	\$195.00

Prescriptions

1/02/05	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
12/10/04	Lipitor - 20 mg	60	30	Samuel F. Lynn	\$85.95
11/28/04	Accupril - 20 mg	60	30	Samuel F. Lynn	\$66.99
11/12/04	Nexium - 20 mg	60	30	Samuel F. Lynn	\$115.60
10/28/04	Proventil 90 mcg - 17 gm	01	25	Michelle L. Wilson	\$46.50
10/25/04	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
10/18/04	Accupril - 20 mg	60	30	Samuel F. Lynn	\$66.99
10/18/04	Lipitor - 20 mg	30	30	Samuel F. Lynn	\$85.95
10/10/04	Nexium - 20 mg	30	30	Samuel F. Lynn	\$115.60
10/02/04	Toprol XL - 50 mg	60	30	Gerry H. Watson	\$44.90
9/12/04	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
9/12/04	Accupril - 20 mg	60	30	Samuel F. Lynn	\$66.99
8/23/04	Proventil 90 mcg - 17 gm	01	25	Michelle L. Wilson	\$46.50

Other Activity

11/26/04	Blood Panel	-- --	Quest Diagnostics	\$110.40
11/26/04	Medical Equipment	-- --	Lynnwood Medical Mart	\$198.00
9/28/04	Blood Panel	-- --	Unified Labs - SF # 3	\$110.40
2/04/04	CT X-Ray, Paranasal Sinuses	-- --	Radiology Assoc. - SFSL	\$854.35
2/02/04	Allergy Panel	-- --	Michelle L. Wilson	\$125.00
11/15/03	CT X-Ray, Paranasal Sinuses	-- --	Merck Hospital - Rad	\$854.35

* NOTE: "Paid" reflects the total amount you and your health plan paid for each service.

Looking for a new Provider? Let us help!
Give our Preferred Provider Locator Desk a call at 1-800-555-7654, or try the
Preferred Provider map at our website: www.ABCHealth.com

 Suggestions for You

Information to improve your health care and to save you money

Report of: James W. Public
Date of Birth: February 29, 1946
Member ID #: 00123456-01
Group #: GRX 123678



It is currently recommended that people obtain a blood test 3 months after starting Lipitor. This test will re-check your cholesterol and liver function. We have not received a bill from a laboratory that shows you have had this test. We recommend that you communicate with your doctor about this suggestion. [55]



Diagnosis codes from your doctor(s) show that you had a heart attack in the past. For most people, a type of medication called a beta blocker can lower your chances of having another heart attack. We encourage you to communicate with your doctor about this suggestion to see if a beta blocker is right for you. [94]



Using generic drugs reduces the amount you pay for your prescriptions. Recently, you filled a prescription for Proventil and paid a copay of \$40.00. Albuterol is a generic form of Proventil. If you use Albuterol your copay would be only \$7. By switching, you could save \$396 each year. Talk to your doctor about whether you can make this switch and start saving money. [760]



Using medications that are on our Preferred Drug List reduces the amount you pay for your prescriptions. Recently, you filled a prescription for Nexium and paid a copay of \$40. Listed below are alternative medications from our Preferred Drug List that would cost you less than Nexium.

Medication	Your Copay	Annual Savings
Omeprazole	\$ 7	\$396
Prilosec	\$20	\$240
Prevacid	\$20	\$240

Talk to you doctor about whether you can make this switch and start saving money. [701]



Harvard Medical School Learn more about your Personal Care Note suggestions by visiting www.harvardcontent.com and entering the shortcut # shown at the end of each message in the [].

Back

FHIX CND4

James Q. Public
Some Apt. #
1234 Some Street
Some Town, State 99999
lllbbbbblllbbbbblllbbbbblll

Recently Asked Questions

was I selected to receive these materials?
Health selects members who can benefit the most
this program.

will this program help me?
 program is designed to provide you with:
 specific recommendations to improve your health care
 money saving tips for various health care services
 Is it cost me anything to participate in the program?
 All costs will be paid for by your health plan.

Q. Should I give these statements to all of the providers that are listed in my claims summary?

A. We encourage you to share this information with all the doctors who are caring for you.

Important Telephone Numbers

Personal Care Note Help Line:	1-800-987-6543
ABC Customer Service:	1-800-321-0987
Prescription Benefit Information:	1-800-555-9999

Inside Panels

Better Health Through Better Information

Examples – Clinical Messages

Information from your doctor bills suggests that you have recently been treated for an ulcer. Current medical evidence shows that most ulcers are caused by an infection named H. Pylori. It is treated with antibiotics and is sometimes difficult to cure. Curing the infection is important because without it, the chance of the ulcer coming back is high. We have not received any bills for a H. Pylori test to prove your infection is cured. We recommend that you speak with your doctor within the next 4-6 weeks to see if you need a H. Pylori test. [177]

ABC Health Plan

Medical & Pharmacy Claims

25 most recent claims, by service date, resolved as of Jan. 12, 2004

Date	Service / Drug	Qty	Supply	Provider/Prescriber	Charge(*)
Encounters					
12/10/03	Office Visit	--	--	Samuel F. Lynn	\$85.00
9/28/03	Ambulatory Emergency Visit	--	--	St. Lucy's Hospital ER	\$766.50
8/17/03	Office Visit	--	--	Michelle L. Wilson	\$85.00
8/15/03	Office Visit	--	--	Samuel F. Lynn	\$85.00
4/12/03	Office Visit	--	--	Terry M. Jones	\$85.00
2/02/03	Office Visit, prolonged enc.	--	--	Michelle L. Wilson	\$195.00

Prescriptions					
1/02/04	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
12/10/03	Lipitor - 20 mg	30	30	Samuel F. Lynn	\$85.95
1/10/03	Accupril - 20 mg	60	30	Samuel F. Lynn	\$86.99
1/11/03	Neutram - 20 mg	30	30	Samuel F. Lynn	\$115.60
10/28/03	Proventil 90 mcg - 17 gm	01	25	Michelle L. Wilson	\$46.50
10/25/03	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
10/18/03	Accupril - 20 mg	60	30	Samuel F. Lynn	\$86.99
10/18/03	Lipitor - 20 mg	30	30	Samuel F. Lynn	\$85.95
10/10/03	Neutram - 20 mg	30	30	Samuel F. Lynn	\$115.60
10/02/03	Tylenol XL - 50 mg	60	30	Garry H. Wilson	\$44.90
9/12/03	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
9/12/03	Accupril - 20 mg	60	30	Samuel F. Lynn	\$86.99
8/23/03	Proventil 90 mcg - 17 gm	01	25	Michelle L. Wilson	\$46.50

Other Activity					
12/12/03	Blood Panel	--	--	Owens Diagnostics - 113	\$110.40
1/12/03	Medical Equipment	--	--	Lynwood Medical Mart	\$109.00
9/28/03	Blood Panel	--	--	United Labs - SF # 3	\$110.40
2/04/03	CT X-Ray, Paranasal Sinuses	--	--	Radiology Assoc. - SFSL	\$854.35
2/02/03	Allergy Panel	--	--	Michelle L. Wilson	\$125.00
1/15/02	CT X-Ray, Paranasal Sinuses	--	--	Mercy Hospital - Rad	\$654.25

*NOTE: "Charge" reflects an item's typical total cost. The amount paid for a specific claim may be different.

Please carefully review your claims listing. All the suggestions and recommendations shown in your Personal Care Note™ were selected specifically for you based on your claims history.

Ideas for You

Information to improve your health, reduce your costs

✓ Information from your doctor bills suggests that you have been treated for an ulcer. Current medical evidence shows that most ulcers are caused by an infection named H. Pylori. It is treated with antibiotics and is sometimes difficult to cure. Curing the infection is important because without it, the chance of the ulcer coming back is high. We have not received any bills for a H. Pylori test to prove your infection is cured. We recommend that you speak with your doctor within the next 4-6 weeks to see if you need a H. Pylori test. [177]

♥ Diagnosis codes from your doctor(s) show that you had a heart attack in the past. For most people, a type of medication called a beta blocker can lower your chances of having another heart attack. We encourage you to communicate with your doctor about this within the next 4 weeks to see if a beta blocker is right for you. [94]

\$ Using generic drugs can help you pay less for your prescriptions. Recently, you filled a prescription for Albuterol and paid a co-pay of \$40.00. Albuterol is a generic form of a drug that costs only \$7. By switching you could save \$33 each year. Talk to your doctor about whether you can make this switch. [70]

\$ Using medication pay for your part of the cost. List and would pay for your part of the cost of \$40.00. Talk to your doctor about whether you can make this switch. [70]

Medication
Omeprazole
Pillbox
Pillbox
Pillbox
Talk to your doctor about whether you can make this switch. [70]

To learn more about your health and costs, visit our website at www.abchealthplan.com

Diagnosis codes from your doctor(s) show that you had a heart attack in the past. For most people, a type of medication called a beta blocker can lower your chances of having another heart attack. We encourage you to communicate with your doctor about this within the next 4 weeks to see if a beta blocker is right for you. [94]

Example – Pocketbook Issue Messages

ABC Health Plan

Medical & Pharmacy Claims

25 most recent claims, by service date, received as of Jan. 12, 2004

Date	Service / Drug	Qty	Supply	Provider/Prescriber	Charge(s)
12/10/03	Office Visit	--	--	Samuel F. Lynn	\$85.00
9/28/03	Ambulatory Emergency Visit	--	--	St. Lucy's Hospital ER	\$708.50
8/17/03	Office Visit	--	--	Michelle L. Wilson	\$85.00
8/15/03	Office Visit	--	--	Samuel F. Lynn	\$85.00
4/12/03	Office Visit	--	--	Terry M. Jones	\$85.00
2/02/03	Office Visit, prolonged svc.	--	--	Michelle L. Wilson	\$195.00

10/20/04	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
12/10/03	Lipitor - 20 mg	30	30	Samuel F. Lynn	\$85.95
11/29/03	Accupril - 20 mg	60	30	Samuel F. Lynn	\$85.99
11/12/03	Nexium - 20 mg	30	30	Samuel F. Lynn	\$115.60
10/28/03	Proventil 90 mcg - 17 gm	01	25	Michelle L. Wilson	\$46.50
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10/10/03	Nexium - 20 mg	30	30	Samuel F. Lynn	\$115.60
10/02/03	Tiased XL - 50 mg	60	30	Gerry H. Watson	\$44.90
9/12/03	Feldene - 20 mg	60	30	Terry M. Jones	\$15.50
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8/23/03	Proventil 90 mcg - 17 gm	01	25	Michelle L. Wilson	\$46.50

12/12/03	Blood Panel	--	--	Quest Diagnostics - 113	\$110.40
11/26/03	Medical Equipment	--	--	Lymwood Medical Mart	\$198.00
9/28/03	Blood Panel	--	--	United Labs - SP #3	\$110.40
2/04/03	CT X-Ray, Paranasal Sinuses	--	--	Radiology Assoc. - SFSL	\$854.35
2/02/03	Allergy Panel	--	--	Michelle L. Wilson	\$125.00
1/15/02	CT X-Ray, Paranasal Sinuses	--	--	Mercy Hospital - Rad	\$854.35

*NOTE: "charge" reflects an item's typical total cost. The amount paid for a specific claim may be different.

Please carefully review your claims listing. All the suggestions and recommendations shown in your Personal Care Note™ were selected specifically for you based on your claims history.

Ideas for You

Information to improve your health, not

Information from your doctor bills suggests an ulcer. Current medical evidence indicates that H. Pylori. It is treated with antibiotics. It is important because curing the infection is important because if it is not cured, the infection can come back. We recommend the 4-6 weeks to see if you need a H. Pylori test.

Diagnosis codes from your doctor bills suggest that you have a heart condition. For most people, a type of medicine called a beta blocker is right for you. [64]

Using generic drugs can reduce the amount you pay for your prescriptions. Recently, you filled a prescription for Proventil and paid a copay of \$40.00. Albuterol is a generic form of Proventil. If you use Albuterol your co-pay would be only \$7. By switching you could save \$396 each year. Talk to your doctor about whether you can make this switch and start saving money. [760]

Using medications that are on our Preferred Drug List can reduce the amount you pay for your prescriptions. Recently, you filled a prescription for Nexium and paid a copay of \$40. Listed below are similar medications that are on our Preferred Drug List and would cost you less.

Medication	Your Copay	Annual Savings
Omeprazole	\$7	\$369
Prilosec	\$20	\$240
Prevacid	\$20	\$240

Talk to your doctor about making a switch and start saving money.

To learn more detail about the ideas shown above and enter the shortcut # shown at the end



Using generic drugs can reduce the amount you pay for your prescriptions. Recently, you filled a prescription for Proventil and paid a copay of \$40.00. Albuterol is a generic form of Proventil. If you use Albuterol your co-pay would be only \$7. By switching you could save \$396 each year. Talk to your doctor about whether you can make this switch and start saving money. [760]



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TUESDAY, JANUARY 31, 2006

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Insurers Want Patients to Press Doctors About Drugs and Costs

BY SARAH RUBENSTEIN

THE WALL STREET JOURNAL ONLINE

When Chris Stacey's allergist suggested she start getting allergy shots regularly, Ms. Stacey didn't just nod and smile.

"Shots are a long-term investment, and an expensive long-term investment," Ms. Stacey, 36 years old, recalls thinking. At the time, several years ago, she felt that oral allergy drugs were more convenient and less costly than shots. Plus, she was moving from employer health coverage to an individual policy that she had to buy herself, and she worried that her premiums would go up if she were perceived as an expensive patient.

When Ms. Stacey told her doctor she didn't think shots were the right step for her, the doctor didn't change his mind, she says. She received a second opinion from another allergist who, she says, ended up sharing her view.

Insurers want more patients to be like Ms. Stacey -- unafraid to ask their doctor questions about a course of treatment, not to mention its cost. Despite the fact that patients are often reluctant to sound like second-guessers for fear of irritating their doctors, insurers are arming patients with the tools and the techniques that the insurers have honed to help them press the point on clinical options and costs.

In February, Lumenos Inc., a unit of health insurer WellPoint Inc., intends to start offering a service that lets its patients enter the names of drugs into their cellphone Web browsers, which in turn will shoot back a list of comparable drugs, ranked by how much they cost under Lumenos's plans. That way, patients can ask their doctors about cheaper alternatives while they are still at their appointment, the company says.

An increasing number of insurers are sending letters to patients suggesting that they talk with their doctor about treatments, tests or medications that the insurers say might be appropriate or less costly for the patients. Others are making suggestions within financial

statements they are sending home, or listing "questions to ask your doctor" on their Web sites.

Cigna Corp. intends in the next few months to start telling patients typical prices of different types of doctor visits, including details such as what types of services usually would be provided and how many minutes of face time the patient normally would get with the doctor, based on the price charged. Cigna says it isn't pressing patients to challenge their doctors over their bills, though it would be natural for some to scrutinize the charges.

The goal of keeping health costs down is nothing new for insurers. For a long time, insurers have wrangled with doctors over costs, setting up, and then scaling back, unpopular rules that require doctors to get permission to provide certain treatments or drugs. But now more than ever before, they are enlisting patients in the effort to check health-care providers. In his State of the Union address, President Bush is expected to highlight health savings accounts, relatively new accounts that are meant to encourage consumers to save money for health-care costs and spend wisely on their care.

"It starts with the notion that you should certainly have a right to question," says Robert Laszewski, a consultant to health insurers. "I think that's different from not having confidence in your doctor, but what you're encouraging people to do is to make them explain it."

The results could mean lower costs for insurers. Insurers also say the tools help patients at a time when they are bearing more of the costs of their care. Also, certain tools can help doctors to keep track of how individual patients' insurance plans work, insurers say.

"We want to empower the member, and we want to educate the member," says Constance L. Williams, an associate medical director for UniCare Life & Health Insurance Co., a WellPoint division based in Chicago, which started sending letters about treatments and costs to patients in Massachusetts in a

pilot program in late 2003 and now is expanding the program.

It is unclear how vigorously patients respond to insurers' prods, if they do at

mass., hesitated to bring the subject up with her doctor. "We just had a good rapport," she says. "It's like, geez, how am I going to go to him and tell him that my insurance company is suggesting that I be on a medicine? . . . I really didn't want to embarrass him."

She decided to "kind of soften" the subject by telling her doctor that her insurer was "trying to play doctor now"

Columbia, Md., company that provides the letters to clients, including UniCare, Blue Shield of California and Horizon Blue Cross Blue Shield of New Jersey. This month, Resolution Health added PacifiCare, recently acquired by UnitedHealth Group Inc., to its client base.

"Susan Rubello, 51, received a mailing from UniCare suggesting she ask her doctor about taking a drug called an ace inhibitor, based on her health history, which included heart failure and diabetes.

"It turned out the doctor thought she was already on an ace inhibitor, and he apologized and prescribed the drug, she says."

"The letter and others like it were developed by Resolution Health, Inc."

GIC / UniCare: DTM Results

Member Conversion to Best Clinical Practice: DTM Compared with Control Group

	Adjusted Conversion Rate *			
Time After Initial DTM Mailing	DTM Group (N=963)	Control Group (N=1058)	Absolute Difference	Adjusted Odds Ratio (95% CI)
3 months	12.69%	13.50%	-0.81%	0.94 (0.72 – 1.23)
6 months	21.76%	17.00%	4.76%	1.28 (1.02 – 1.61)
9 months	27.42%	18.40%	9.02%	1.49 (1.20 – 1.86)
12 months	31.84%	19.90%	11.94%	1.6 (1.29 – 1.98)

* Using multivariate logistic regression analysis to control for factors associated with member propensity to change behavior

Projected Annual Savings: 100K Lives

Through Improved Compliance at 1 Year With:	Annual Expected Gross Savings (Plan)	Annual Expected Gross Savings (Members)	Total Annual Expected Gross Savings	Total Annual Net Savings*	ROI
Clinical Practice Guidelines	\$460,566	\$6,986	\$467,552		
Formulary Preference Rules	\$565,535	\$636,840	\$1,202,375		
Both	\$1,026,101	\$643,826	\$1,669,927	\$1,273,927	3.2**

*Program cost = \$0.33 pmpm (\$396,000/yr for 100K members).

ROI reflects impact of DTM Program **AFTER TAKING ACCOUNT OF UNICARE PREMIER NURSE PROGRAM VIA LOGISTIC REGRESSION ANALYSIS. ROI is 1.6 to 1 if consider only Plan savings.

DTM Participants: Overview of comments...

- **100%** found the information easy to understand.
- **91%** considered the program to be very or somewhat useful.
- **76%** said they would be very or somewhat likely to choose a plan that offers the DTM Program.
- **100%** wanted to continue receiving the information.

" I can't remember when the last time was a health plan sent me anything as useful as this."

" This is a great idea and I want to keep getting it."

" I keep really good records, but this report will serve as a nice supplement."

" My doctor liked the report and said the recommendations were really helpful."

DTM Options: Messages that matter

- Prescription drug benefit design
 - e.g. co-pays associated with multi-tier and mail order; savings that can be achieved through specific drug switches
- Preferred providers (labs, radiology, MDs, hospitals) and amounts member could save by using them
- Specific quality problems / priorities
- Disease Mgmt and Health Promotion programs
- Discount programs
 - devices; OTC meds; alternative medicine options
- Education re: costs of, and coverage for, particular services

Potential **Personalized** Strategies

- Personal health statements
- **Personalized consumer health education that is pushed to people or made readily available**
- Personalized coupons that are provided on a highly targeted basis
- “Market segmentation” with interventions that are “best fit” for particular people

Linked Personalized Educational Content



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12/10/03	Lipitor - 20 mg	30	30	Samuel F. Lynn	\$85.95
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11/12/03	Nexium - 20 mg	30	30	Samuel F. Lynn	\$115.80
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Idea

Information

✓ Information from your doctor bills suggests that you have recently been treated for an ulcer. Current medical evidence shows that most ulcers are caused by an infection named H. Pylori. It is treated with antibiotics and is sometimes difficult to cure. Curing the infection is important because without it, the chance of the ulcer coming back is high. We have not received any bills for a H. Pylori test to prove your infection is cured. We recommend that you speak with your doctor within the next 4-6 weeks to see if you need a H. Pylori test. [177]

♥ Diagnosis codes from your doctor(s) show that you had a heart attack in the past. For most people, a type of medication called a beta blocker can lower your chances of having another heart attack. We encourage you to communicate with your doctor about this within the next 4 weeks to see if a beta blocker is right for you. [94]

\$ Using generic drugs can reduce the amount you pay for your prescriptions. Recently, you filled a prescription for Proventil and paid a co-pay of \$40.00. Albuterol is a generic form of Proventil. If you use Albuterol your co-pay would be only \$7. By switching you could save \$398 each year. Talk to your doctor about whether you can make this switch and start saving money. [760]

\$ Using medications that are on our Preferred Drug List can reduce the amount you pay for your prescriptions. Recently, you filled a prescription for Nexium and paid a co-pay of \$40. Listed below are similar medications that are on our Preferred Drug List and would cost you less.

Medication	Your Copay	Annual Savings
Omeprazole	\$7	\$369
PriLOSEC	\$20	\$240
Prevacid	\$20	\$240

Talk to your doctor about making a switch and start saving money. [701]

 From Harvard Medical School

To learn more detail about the ideas shown above, visit www.harvardcontent.com and enter the shortcut # shown at the end of each message in the [].

Number in brackets after each message links to web-based consumer health education content from HMS.

Web-based additional info for each message, from Harvard Medical School, via 3-digit shortcut

Better Health Through Better Information

DTM: Consumer Healthcare Content



HARVARD MEDICAL SCHOOL



We would like to hear your [Feedback](#).

Learn more about each of the suggestions you received in your Personal Care Note by entering the shortcut # shown at the end of each message in the [].

Shortcut #:

Search

*Better Healthcare Through
Better Information*

Source: Harvard Medical School, [Copyright](#) © 2005 by President and Fellows of Harvard College. All rights reserved.

This information from Harvard Medical School (HMS) is intended to help protect and improve your health. The information is applicable to people like you, but it may or may not be appropriate for you, personally. To determine if it is, you should discuss this information with your doctor.

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We would like to hear your [Feedback](#).

[New Search](#)

Persistent asthma not on a controller medication [232]

Many people with asthma have what's known as persistent asthma. Persistent asthma means that you wheeze and have trouble breathing (an asthma attack) at least two times a week during the day or at least two times a month during the night. Although quick-relief medicines taken with an inhaler can help relieve symptoms right away, people with persistent asthma should also take a controller medication for long-term relief. Used regularly, asthma controller medications help people have fewer and less severe asthma attacks. They also lower the risk of dying from an asthma attack. If you have persistent asthma and are not already on a controller medication, we suggest that you talk with your doctor within the next 4 weeks about whether you could benefit from using a controller medication. For additional information about asthma and the drugs used to treat asthma, the following questions are answered below:

[What is asthma?](#)

[What causes asthma?](#)

[What medications are used to treat asthma?](#)

[What is a peak flow meter?](#)

[What can I do to avoid asthma attacks?](#)

Adapted from The Harvard Medical School Guide to Taking Control of Asthma, <http://www.health.harvard.edu/hhp/book.do?name=asthma>, by Christopher H. Fanta, M.D., Lynda M. Cristiano, M.D., and Kenan Haver, M.D., with Nancy Waring, Ph.D., published by Simon & Schuster and the Free Press. For more information about Harvard Medical School Publications for the general public, see www.health.harvard.edu

Potential **Personalized** Strategies

- Personal health statements
- Personalized consumer health education that is pushed to people or made readily available
- **Personalized coupons that are provided on a highly targeted basis**
- “Market segmentation” with interventions that are “best fit” for particular people

Use of Coupons to Change Behavior

- Annual spending on prescribed Proton Pump Inhibitors (PPIs) and Non-Sedating Antihistamines (NSAs) is approximately \$4,000,000 per 100,000 patients.
- The annual cost of using OTC alternatives in these two product categories is approximately \$800,000 – a potential savings of more than \$3,000,000 per 100,000 patients.
- There is no credible evidence that high cost prescription PPIs or NSAs are more effective or safer than OTC alternatives.

SMART-Switch: New DTM Program



FPO

Inside:
An Important new program
that will save you money
on specific medications

John M. Doe
0000 Some Street
Suite 112
Some City, State, 00000

Why pay a co-pay when now you don't have to?
ABC Health Plan is working hard to help lower your medical costs. That's why we're bringing you SMART-Switch™. It's a unique, new program that provides you with savings and convenience. Just take the enclosed coupon with your medication to the check-out counter along with your other store purchases. No co-pay, no prescription and no hassle. By using SMART-Switch™ ABC Health Plan is picking up the tab for you!

**For more information,
please call us at 1-800-555-1234.**



**Don't miss out
on the convenient,
cost-saving offer
inside!**



**Cost saving opportunities
are in your hands.**

Working together to
help you save time and money
with the new SMART-Switch™ program.

 **ABC Health Plan**

Better Health Through Better Information

SMART-Switch: Proton Pump Inhibitors

<i>Drug</i>	<i>30-day Supply \$\$(*)</i>	<i>Cost to Member</i>	<i>Cost to Plan</i>
Prevacid	\$ 139.99	\$ 20.00	\$ 110.99
Nexium	\$ 150.99	\$ 40.00	\$ 110.99
Protonix	\$ 114.99	\$ 20.00	\$ 94.99
Prilosec OTC	\$ 21.99	\$ 21.99 + tax	Not Covered

* Prices shown are Walgreen's Online Pricing

SMART-Switch: NSAs

<i>Drug</i>	<i>30-day Supply \$\$(*)</i>	<i>Copay</i>	<i>Cost to Plan</i>
Allegra	\$ 93.99	\$ 20.00	\$ 73.99
Clarinet	\$ 85.99	\$ 20.00	\$ 65.99
Zyrtec	\$ 73.99	\$ 20.00	\$ 53.99
Singulair	\$ 105.99	\$ 20.00	\$ 85.99
Claritin OTC	\$ 28.48	\$ 28.48 + tax	Not Covered
Alavert	\$20.99	\$20.99 + tax	Not Covered
Loratadine	\$12.00	\$ 12.00 + tax	Not Covered

1) In 2000, Claritin held > 90% market share of Non-sedating Antihistamines

2) Claritin OTC and Alavert are the same drug: E Loratadine, 10 mg

If you have additional questions about switching medications, then call your doctor to discuss the matter. The decision is yours. We hope you try this great new cost-saving program.

Potential **Personalized** Strategies

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- “Market segmentation” with interventions that are “best fit” for particular people

DTM: Market Segmentation

- By selected patient demographics (e.g., age, gender)
- By patient clinical characteristics
- By patient historical behavior
- By employer plan or by geographic area
- By plan benefit design
- By provider (steer patients to preferred providers)

Personal Care Note

created specially for

Judy E. Doe

Better
health care
is in your
hands.

The **SilverSneakers**
Fitness Program 

Secure Horizons[®]



Report of: Judy E. Doe
Date of Birth: February 29, 1930
Member ID #: XEJ00112233
Group #: GRX 123678

Suggestions for You

Information to improve your health care and to save you money



It is currently recommended that people obtain a blood test 3 months after starting Lipitor. This test will re-check your cholesterol and liver function. We have not received a bill from a laboratory that shows you have had this test. We recommend that you communicate with your doctor about this suggestion. [55]



Studies have shown that 33 to 60% of people over the age of 75 fall each year. Two out of every 10 people 75 years of age or older who fall fracture a bone, dislocate a joint or injure their head.

Medical experts recommend that people over the age of 75 participate in an exercise and balance training program to reduce the risk of falling and suffering an injury.

In our effort to provide the highest quality service to Medicare members, Secure Horizons has teamed with Aia Inc. to make a special exercise and physical fitness program, named Silver Sneakers, available at no charge to people enrolled in Secure Horizons. More than 2.5 million seniors nationwide are already enrolled in the program.

If you would like to learn more about the Silver Sneakers Program, including information about authorized Silver Sneakers Fitness Centers near your home and how to enroll in the program, call 1-800-000-0000. [000]



Using generic drugs reduces the amount you pay for your prescriptions. Recently, you filled a prescription for Proventil and paid a copay of \$40.00. Albuterol is a generic form of Proventil. If you use Albuterol your copay would be only \$7. By switching, you could save \$396 each year. Talk to your doctor about whether you can make this switch and start saving money. [760]



From HARVARD MEDICAL SCHOOL Learn more information about each of the Suggestions for You shown above by visiting <http://harvard.resolutionhealth.com/> and entering the shortcut # shown at the end of each message in the [].

Better Health Through Better Information

Personal Care Note

created specially for

John W. Public

Better
health care
is in your
hands.



Secure Horizons*



Report of: John W. Public
Date of Birth: February 29, 1940
Member ID #: XEAJ00112233
Group #: GRX 123678



Suggestions for You

Information to improve your health care and to save you money



It is currently recommended that people obtain a blood test 3 months after starting Lipitor. This test will re-check your cholesterol and liver function. We have not received a bill from a laboratory that shows you have had this test. We recommend that you communicate with your doctor about this suggestion. [55]



Studies have shown that 30 to 60% of people over the age of 65 fall each year. Your prescription claims show that you are taking at least four medications, which together can increase the chance that you will fall and hurt yourself.

One out of every 10 people 65 years of age or older who fall fracture a bone, dislocate a joint or injure their head. Exercise and balance training would greatly decrease your risk of falling.

In our effort to provide the highest quality service to Medicare members, Secure Horizons has teamed with Asia Inc. to make a special exercise and physical fitness program, named Silver Sneakers, available at no charge to people enrolled in Secure Horizons. More than 2.5 million seniors nationwide are already enrolled in the program.

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Better Health Through Better Information

Summary

- People don't understand what health care options they have
- People need guidance about their health care options and the financial and health consequences associated with their (and their MDs') decisions
- Personalized messaging, combined with appropriate incentives, can provide much needed guidance and induce desired behavior change