

Presentation Objectives



- Provide an overview of WellPoint NextRx
- Review the WellPoint NextRx Outcomes-Based Formulary Process
- Provide examples of data and analyses used to support formulary decisions (emphasis on observational data)
- Provide highlights of the WellPoint Health Technology Assessment Guidelines
- Presentation summary

NextRx Strategy



Vision

WellPoint NextRx will <u>transform our industry</u> and become the most trusted and valued Pharmacy Benefits Manager (PBM)



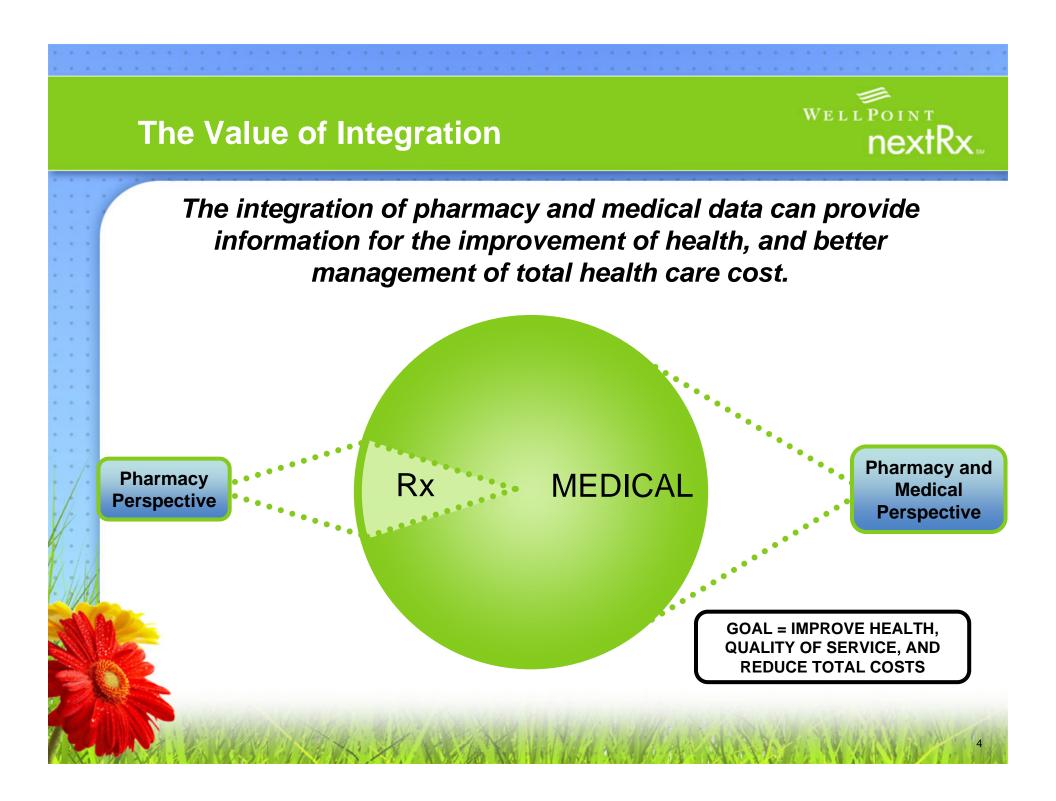
Mission

We deliver <u>integrated pharmacy and health solutions</u> providing exceptional value to our customers



Differentiating Strategies

<u>Leader in affordable quality care</u> Most trusted choice for consumers



Presentation Objectives



- Provide an overview of WellPoint NextRx
- Review the WellPoint NextRx Outcomes-Based Formulary Process
- Provide examples of data and analyses used to support formulary decisions
- Provide highlights of the WellPoint Health Technology Assessment Guidelines
- Presentation summary

Outcomes-Based Formulary Management



WELL

General Approach

Consider the complete burden of disease

Clinical Burden

Epidemiology

Natural History of Disease

Total Cost of Care

Productivity Impact

Quality of Life Impact

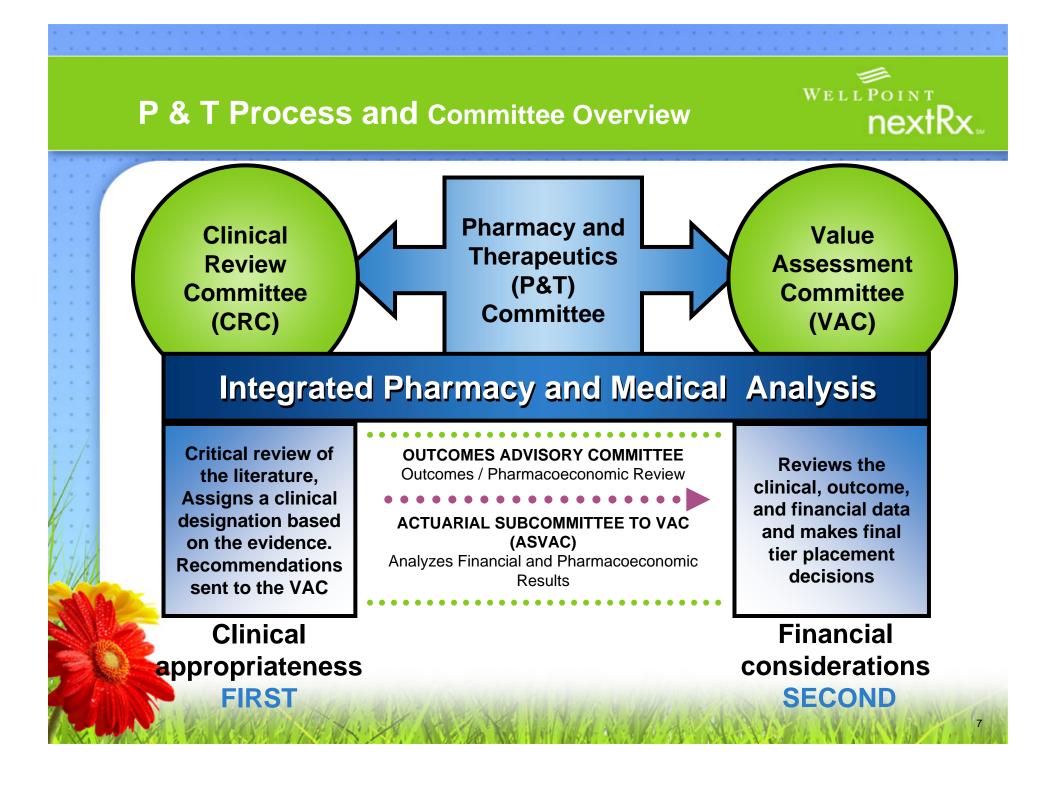
Leverage the formulary process to improve patient outcomes

Improve Quality of Care (clinical status, quality of life)

Reduce Total Cost (pharmacy, medical, ancillary, home health, nursing home, etc.)

> Optimize Care (cost effectiveness)

Improve Productivity



A Critical Review of Clinical Trial Data WELLPOINT NextRx. Each clinical trial and guideline is carefully critiqued before being included in the drug monograph • Only high quality evidence material is included in the monograph

• Many studies fall short

The focus of decision-making is based on patient-oriented clinical outcomes

- Outcomes that are understood and desired by patients (e.g. decreased risk of heart attack/stroke/death)
- Many studies fall short here too

Common Pitfalls of Clinical Trial Data

- High-drop out rates or missing data, with no sensitivity analysis
- Use of post-hoc analysis to draw cause and effect conclusions
 - Subgroup analysis where subgroups were not determined in advance.
- Non-significant findings or power calculation is not clear
- Non-ITT analysis (>5% of patients excluded from the primary outcome analysis)
- Inadequate dosages
- Use of non-validated scoring methods
- Disease oriented outcomes only (BP lowering vs. CV mortality)
- Unclear quality assessment methods for meta-analysis studies
- Study duration too short for endpoint (e.g. 6 weeks HbA1c)
- Use of other medications that may influence or confound the effect of the primary drug on outcomes

WEL. Pharmacoeconomic and Outcomes Data How well does the drug perform in the real world (effectiveness vs. efficacy)? Are we achieving the outcomes we expect based on clinical trial data? Is the drug being used properly (right patient, dose, duration, etc.)? Are there quality of life or productivity benefits? Are there medical cost offset benefits

Efficacy vs. Effectiveness



	Efficacy (Clinical Trial Data)	Effectiveness (Real-World Data)
Objective	Does it work under <u>ideal</u> circumstances	Does it work under <u>usual</u> circumstances
Setting / Design	Controlled clinical trial	Real-world clinical practice
Purpose	Regulatory approval (FDA)	Drug performance in real-world
Intervention or treatment	Fixed regimen	Flexible regimen
Comparator	Placebo	Active comparator/usual care
Subjects	Homogenous/highly selective (stringent inclusion/exclusion criteria)	Heterogeneous / any subjects
Compliance	High	Low to High
Outcomes	Clinical endpoints (e.g. BP, HbA1c, LDL)	Example: Cardiovascular events, hospitalizations
Internal Validity	High	Low
External Validity (generalize to other populations)	Low to medium	Medium to high

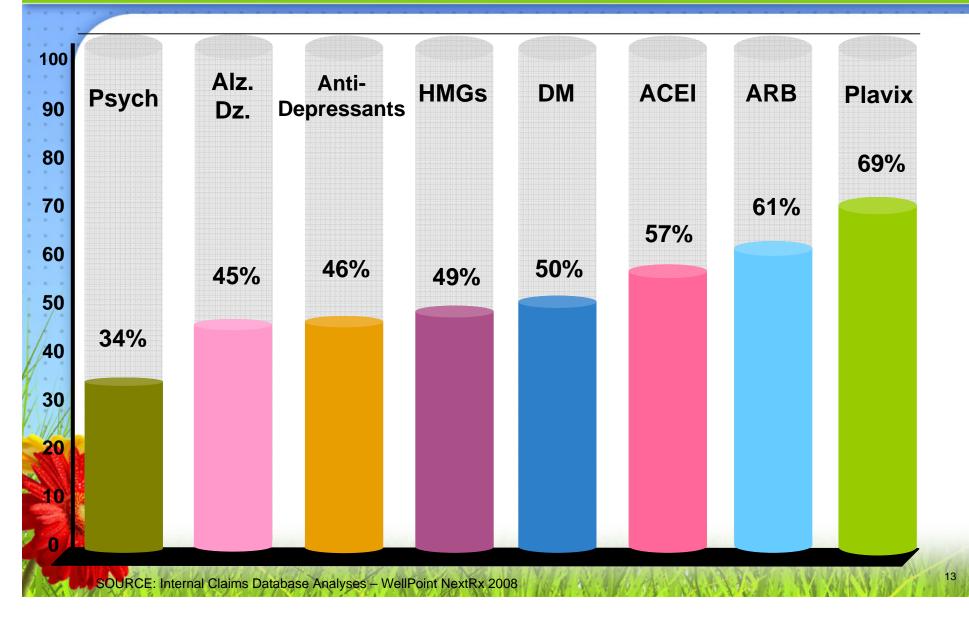
Presentation Objectives



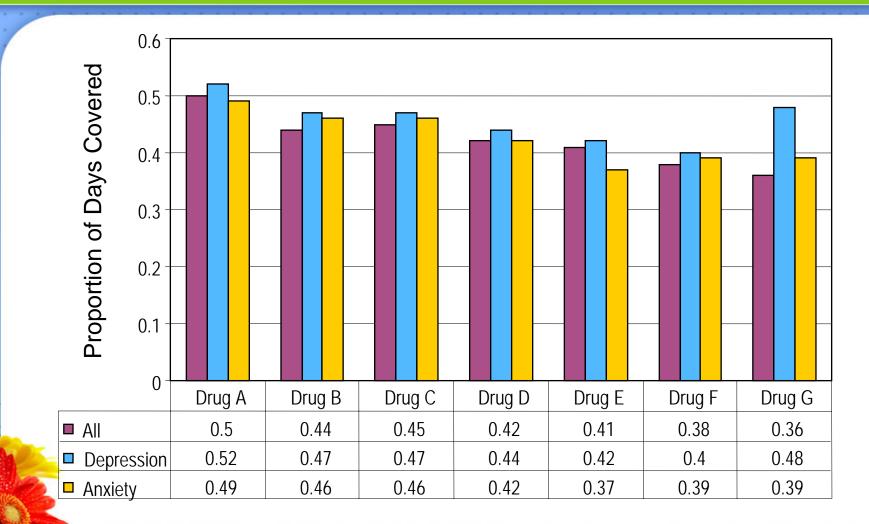
- Provide an overview of WellPoint NextRx
- Review the WellPoint NextRx Outcomes-Based Formulary Process
- Provide examples of data and analyses used to support formulary decisions
- Provide highlights of the WellPoint Health Technology Assessment Guidelines
- Presentation summary

Compliance Varies Significantly by Therapeutic Category





Antidepressant Compliance (Proportion of Days Covered Over a 1-Year Period)



Source: Data on file - WellPoint NextRx, 2008

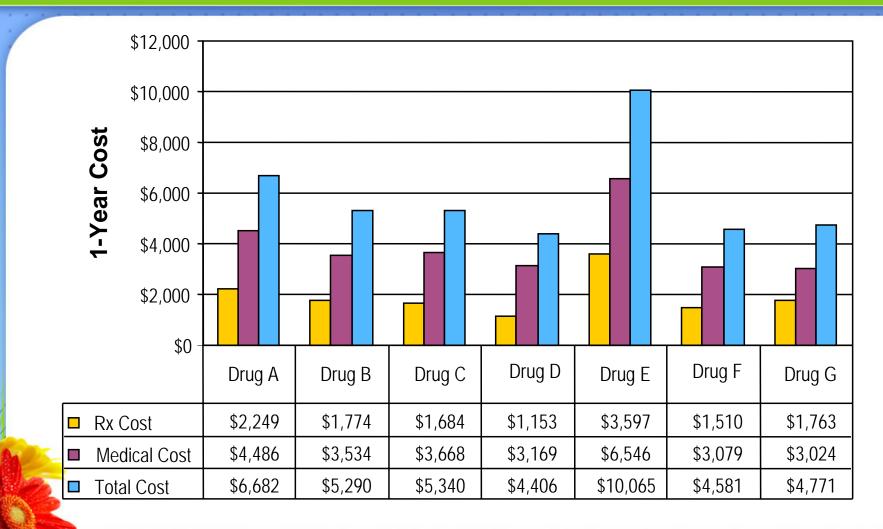
WELLPOIN 7

nextR

Antidepressant Total Cost

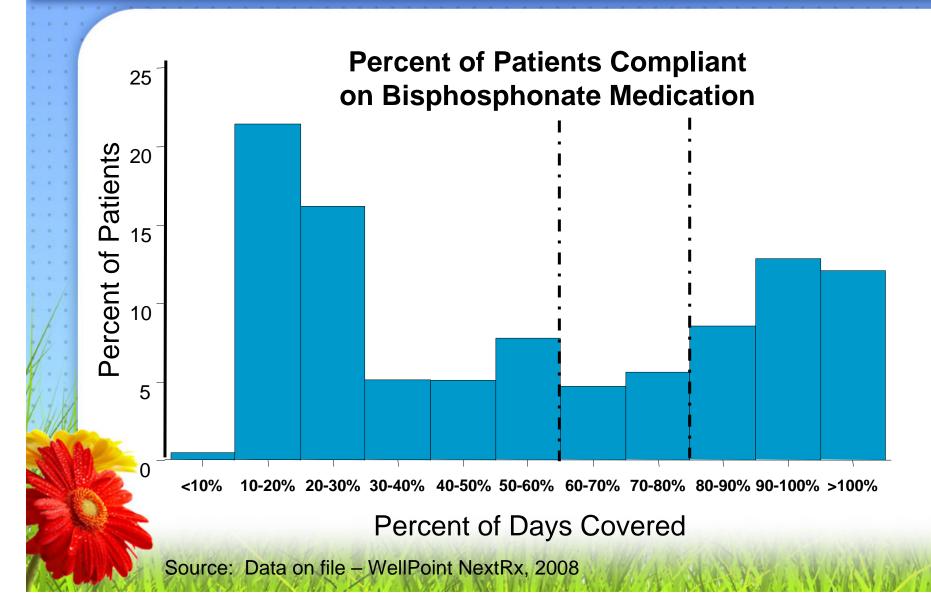


(Pharmacy and Medical Cost Over a 1-Year Period)



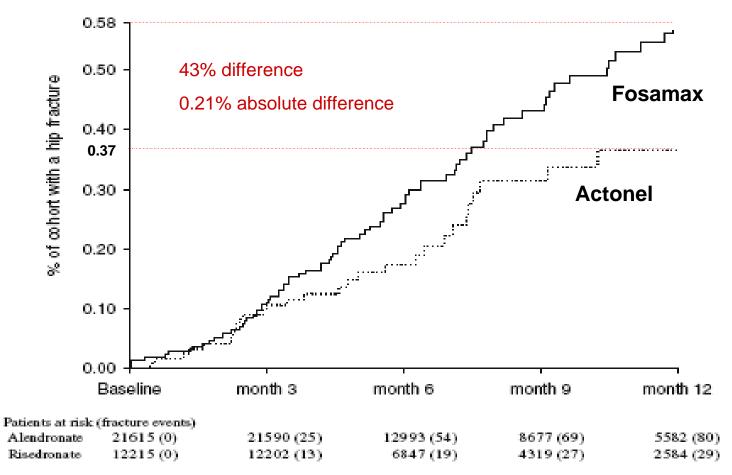
Source: Data on file - WellPoint NextRx, 2008

A Small Percentage of Patients Newly Started on our Bisphosphonate Therapy are > 80% Compliant nextRx...



REAL Study Incidence of Hip Fractures 1-Year Post Index

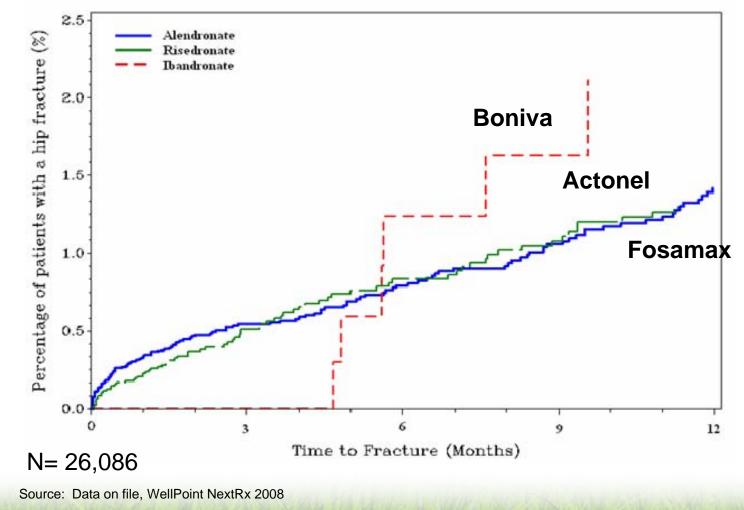
Cumulative Incidence of Hip Fractures



Silverman SL, Watts NB, Delmas PD, Lange JL, Lindsay R. Osteoporos Int (2007) 18:25-34

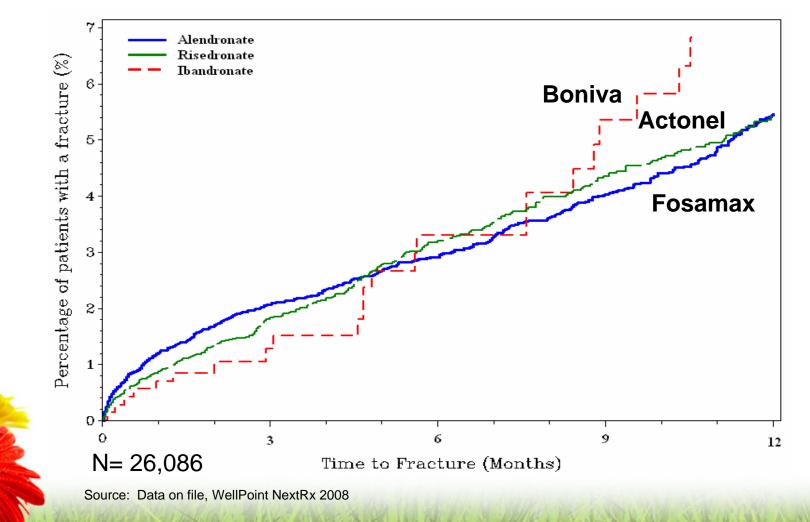
WellPoint Data: Incidence of <u>Hip Fractures</u> 1-Year Post Index nextR



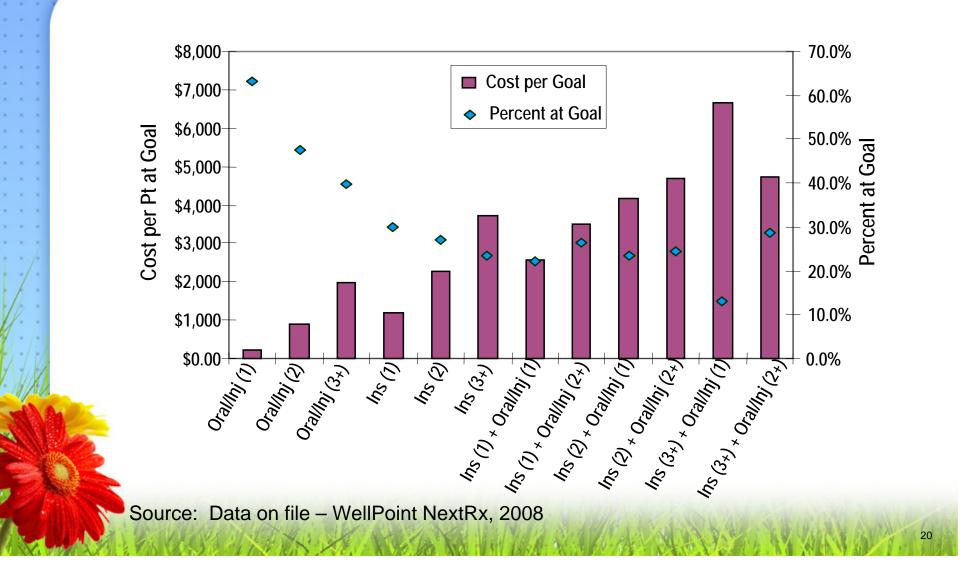


WellPoint Data: Incidence of <u>All Fractures</u> 1-Year Post Index nextRx...

Kaplan-Meier cumulative incidence of all fractures (1 year post-index)



Proportion of Patients at HbA1c Goal (<7) and Cost per Patient at HbA1c Goal



WELLPOIN'

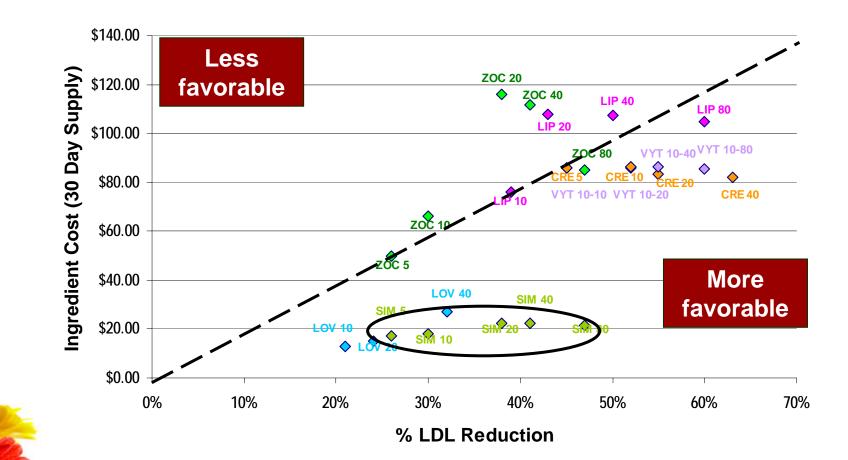
next

Observed Percent Change in LDL-C by Different Statin Doses



Drug and Dose	Sample Size (Obs. Data)	Mean % LDL-C Reduction (Observational Data)	Mean % LDL-C Reduction in STELLAR Clinical Trial	Package Insert
Atorvastatin 10	21,495	-35	-37	-39
Atorvastatin 20	11,518	-38	-43	-43
Atorvastatin 40	3,072	-40	-48	-50
Atorvastatin 80	528	-38	-51	-60
Rosuvastatin 5	121	-30		-45
Rosuvastatin 10	2,015	-39	-46	-52
Rosuvastatin 20	213	-37	-52	-55
Rosuvastatin 40	16	-43	-55	-63
Simvastatin 5	84	-21		-26
Simvastatin 10	1,377	-28	-28	-30
Simvastatin 20	6,050	-32	-35	-38
Simvastatin 40	4,589	-34	-39	-41
Simvastatin 80	477	-30	-46	-47

Simvastatin is Associated With a Lower Cost Percentage LDL Reduction



COPD Health Care Utilization (1)

12 months post-index date

	Spiriva N=3,030	Atrovent N=1,463	Combivent N=4,206
COPD-Related utilization			
ER Visits			
≥ 1 ER visit %	9	12	11
Mean# of ER visits	0.1(0.6)	0.2(0.6)	0.1(0.5)
Inpatient hospitalization			
≥ 1 inpatient stay %	26	36	31
Mean# of hospital stay	0.4(0.9)	0.6(1)	0.4(0.9)
Outpatient visits			
≥ 1 outpatient visit %	100	92	93
Mean# of outpatient visits	8(10)	8.7(10.3)	7.4(9.5)

WELLPOINT

ne>

COPD Health Care Utilization (2)



12 months post-index date

	Spiriva N=3,030	Atrovent N=1,463	Combivent N=4,206
All-Cause Utilization			
ER Visits			
≥ 1 ER visit %	23	28	27
Mean# of ER visits	0.4(1.3)	0.5(1.6)	0.4 (1)
Inpatient hospitalization			
≥ 1 inpatient stay %	33	44	40
Mean# of hospital stay	0.6(1.2)	0.9(1.5)	0.7 (1.2)
Outpatient visits			
≥ 1 outpatient visit %	100	99	100
Mean# of outpatient visits	28.1(22.6)	28.6(23)	27.5(21.8)

COPD Health Care Utilization (3)



	Spiriva N=3,030	Atrovent N=1,463	Combivent N=4,206
All-Cause unadjusted cost			
Medical	\$10,378 [*]	\$14,316 [§]	\$11,182
Pharmacy	\$2,584*	\$1,927	\$1,952¶
Total (Medical + Pharmacy)	\$13,007*	\$16,093 [§]	\$13,116
COPD-related adjusted cost			
Medical	\$4,317*	\$6,612 [§]	\$4,782¶
Pharmacy	\$324	\$310 [§]	\$171¶
Total (Medical + Pharmacv)	\$5.172*	\$7.226 [§]	\$5,224

Adjusters are prior year cost, age, gender, health plan Charlson Comorbidity index, hypertension, depression, asthma, and stroke

* p<0.05 pairvise comparison between spiriva and atrovent

 $\$ p<0.05 pairvise comparison between a trovent and combivent

¶ p<0.05 pairvise comparison between spiriva and combivent

WELLP

Quality of Life Summary



- Some diseases are associated with significant QoL burden
- Some treatments can result in significant improvement in QoL
 - QoL consistent with disease in remission
 - QoL approaches that of the US population norm
- QoL is an important endpoint from a patient perspective

Presentation Objectives



- Provide an overview of WellPoint NextRx
- Review the WellPoint NextRx Outcomes-Based Formulary Process
- Provide examples of data and analyses used to support formulary decisions
- Provide highlights of the WellPoint Health Technology Assessment Guidelines
- Presentation summary



Revised WellPoint Guidelines for Formulary Submissions: 2008

Standards and Recommendations

WellPoint Outcomes Based Formulary

- Supports WellPoint's leadership position in the provision of a highquality pharmacy benefit that is evidence-based
- Formulary decisions are based on high quality evidence focused on patient outcomes
- Studies should be representative of WellPoint patient populations
- Product choice and continuing formulary support should be supported by clinical evidence and product value (e.g. cost-effectiveness)
- Patient focused claims are judged by their impact in a naturalistic environment and should be monitored on an ongoing basis, validated and reported on by manufacturers

Presentation Objectives



- Provide an overview of WellPoint NextRx
- Review the WellPoint NextRx Outcomes-Based Formulary Process
- Provide examples of data and analyses used to support formulary decisions
- Provide highlights of the WellPoint Health Technology Assessment Guidelines
- Presentation Summary

Presentation Summary (1)



WellPoint NextRx strategy

- Transform our industry. . .
- Deliver integrated pharmacy and health solutions. . .
- Leader in affordable quality care. . .

Outcomes-based formulary

- Understand the complete burden of disease
- Leverage the formulary process to improve patient outcomes
 - Improving quality of care (clinical status, quality of life)
 - Reducing total cost of care (pharmacy, medical, total)
 - Optimize care (cost effectiveness)
 - Leverage both clinical trial data and observational data

Compliance challenges

- Generally poor (~50%)
- Leverage tier placement and other tools to drive utilization towards drugs associated with better outcomes (quality and total cost)

Presentation Summary (2)



Efficacy and effectiveness data to be used to make formulary decisions

There are differences in performance of drugs within the same therapeutic category

• Goal is to identify the "best" performing drugs

Health Technology Assessment Guidelines

• Inform manufacturers regarding information most useful to WellPoint

Expected Outcomes

- A pharmacy benefit that is high quality and cost effective
- Better quality of care
- Improved cost-effectiveness of care