

Addressing Low Value Care to Improve Patient-Centered Outcomes and Reduce Medical Costs

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www.vbidcenter.org



(slides available here)





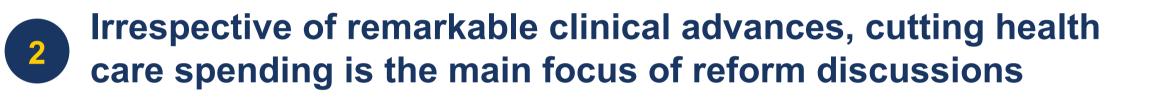
Table 1: Risk factors for nodding	g off at lectures
Factor	Odds ratio (and 95% CI)
Environmental	
Dim lighting	1.6(0.8-2.5)
Warm room temperature	1.4(0.9-1.6)
Comfortable seating	1.0(0.7 - 1.3)
Audiovisual	
Poor slides	1.8 (1.3-2.0)
Failure to speak into microphone	1.7(1.3-2.1)
Circadian	
Early morning	1.3 (0.9–1.8)
Post prandial	1.7(0.9-2.3)
Speaker-related	
Monotonous tone	6.8 (5.4-8.0)
Tweed jacket	2.1 (1.7-3.0)
Losing place in lecture	2.0 (1.5–2.6)

Table 1. Dick factors for nodding off at loctures

Note: CI = confidence interval.

Health Care Costs Are a Top Issue For Purchasers, Policymakers and Voters: Solutions must protect consumers, reward providers and preserve innovation

Innovations to prevent and treat disease have led to
impressive reductions in morbidity and mortality





Underutilization of high-value persists across the entire spectrum of clinical care leading to poor health outcomes



Our ability to deliver high-quality health care lags behind the rapid pace of scientific innovation



Star Wars Science





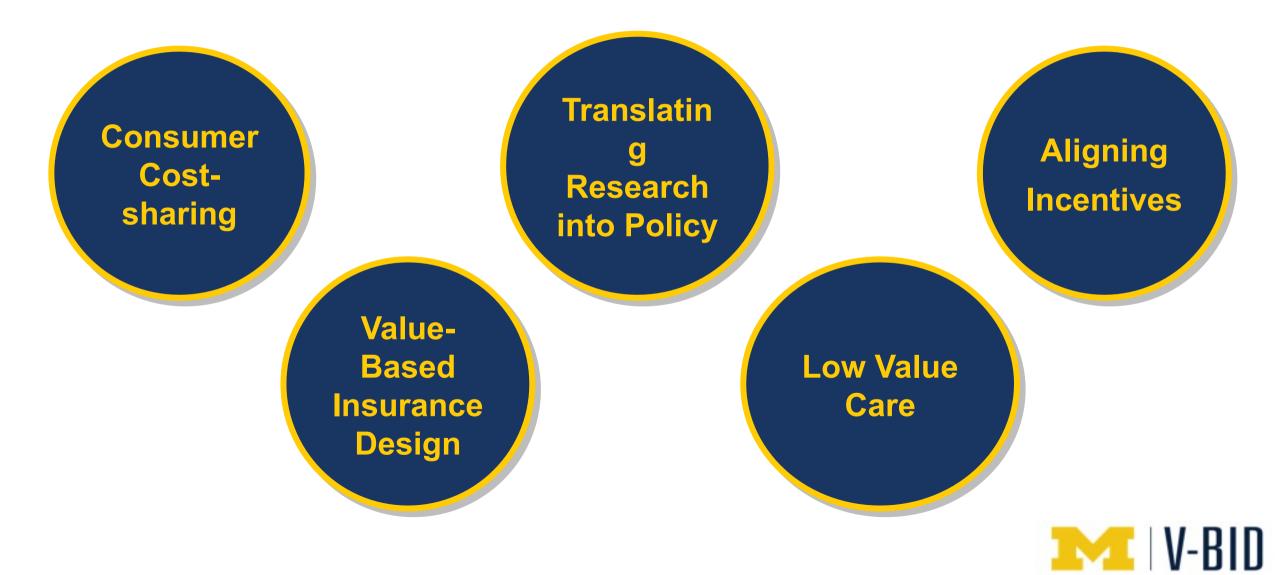
Flintstones Delivery



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Outline



- Everyone (almost) agrees there is enough money in the US health care system; we just spend it on the wrong services
- Policy deliberations focus primarily on alternative payment and pricing models
- Moving from a volume driven to value based system requires a change in both how we pay for care and how we engage consumers to seek care
- Consumer cost-sharing is a common policy lever



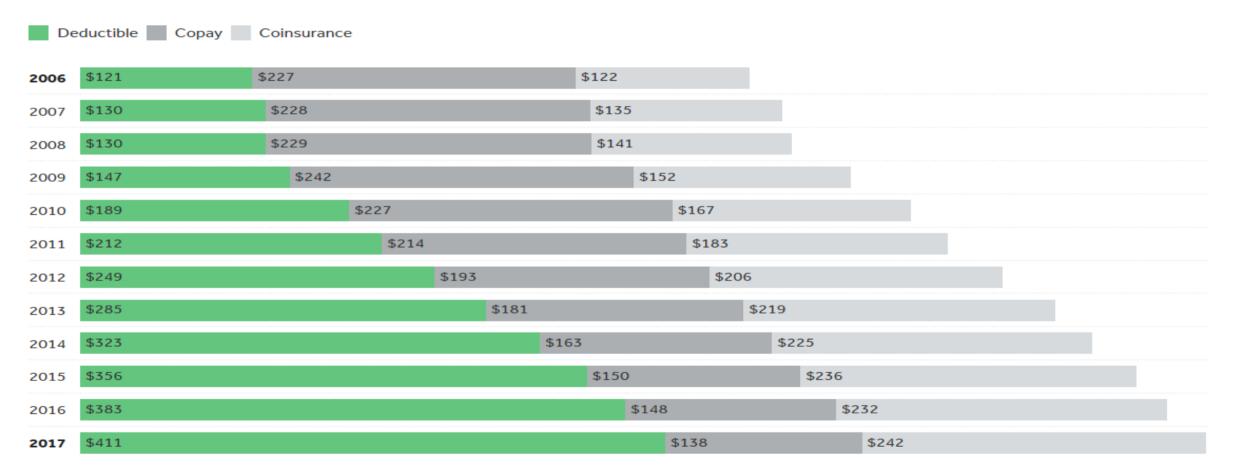
Americans Do Not Care About Health Care Costs; They Care About What It Costs Them

Patient Worry About Out-of-Pocket Healthcare Costs at All-Time High

A report from the Commonwealth Fund noted that patients are not confident they can afford high out-of-pocket healthcare costs.



Out-of-pocket spending among people with large employer coverage, Paying More for ALL Care Regardless of Value



Source: KFF analysis of data from IBM MarketScan Database and the KFF Employer Health Benefit Survey

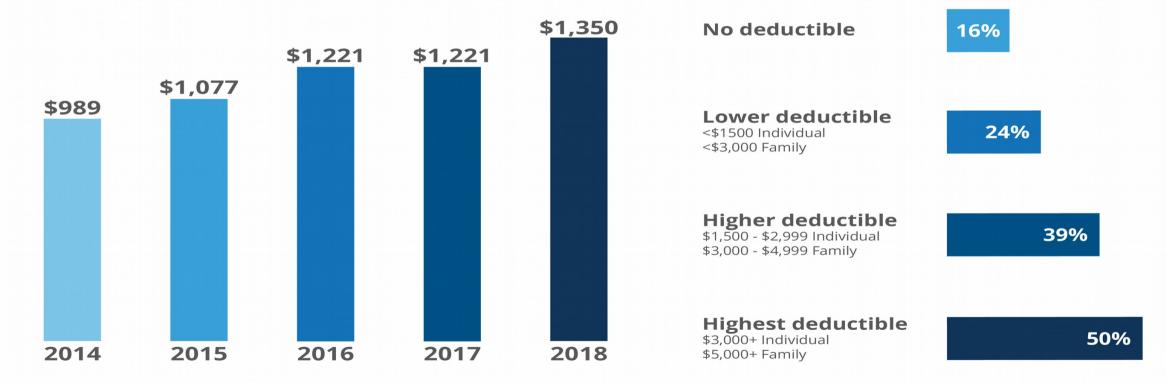


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Dissatisfaction With Employer Coverage Rises As Deductibles Climb

Average deductible among large employer plans, including those with \$0 deductibles Percent who say their health insurance has gotten worse over the past 5 years





SOURCE: KFF analysis of data from KFF Employer Health Benefits Survey, 2018. KFF/LA Times Survey of Adults with Employer-Sponsored Health Insurance (Sept. 25-Oct. 9, 2018).



Inspiration (Still)



I can't believe you had to spend a million dollars to show that if you make people pay more for something, they will buy less of it.

- Barbara Fendrick (my mother)

Six of ten people with a chronic condition and employer coverage have skipped or postponed care due to cost

Percent who say they or a family member have done the following in the past year

	NO CHRONIC CONDITION IN FAMILY	WITH CHRONIC CONDITION		
		A11	Highest deductible	
Postponed or put off care	23%	42%	60%	
Treated at home instead of seeing doctor	28	41	58	
Avoided doctor-recommended test or treatment	15	31	44 35	
Not filled a prescription or skipped doses	12	23		
Yes to any	40	60	75	

Impact of Cost-Sharing on Health Care Disparities

Effects of Increased Patient Cost Sharing on Socioeconomic Disparities in Health Care

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 Rising copayments worsen disparities and adversely affect health, particularly among economically vulnerable individuals and those with chronic conditions



An Alternative to 'Blunt' Cost-Sharing: Clinical Nuance

- A clinical service is never always high or low value
- The clinical value of a specific clinical service depends on:
 - -Who receives it
 - -When in the course of disease
 - -Who provides it
 - -Where it is provided



Alternative to "Blunt" Consumer Cost Sharing: Value-Based Insurance Design (V-BID)

- Sets consumer costsharing on clinical benefit – not price
- Little or no out-ofpocket cost for high value care; high cost share for low value care
- Successfully implemented by hundreds of public and private payers



V-BID: Rare Bipartisan Political and Broad Multi-Stakeholder Support

- HHS
- СВО
- SEIU
- MedPAC
- Brookings Institution
- Commonwealth Fund
- NBCH
- American Fed Teachers
- Families USA
- AHIP
- AARP
- DOD
- BCBSA

- National Governor's Assoc.
- US Chamber of Commerce
- Bipartisan Policy Center
- Kaiser Family Foundation
- American Benefits Council
- National Coalition on Health Care
- Urban Institute
- RWJF
- IOM
- Smarter Health Care Coalition
- PhRMA
- EBRI
- AMA



Putting Innovation into Action: Translating Research into Policy

Translating Research into Policy



ACA Sec 2713: Selected Preventive Services be Provided without Cost-Sharing

- Receiving an A or B rating from the United States Preventive Services Taskforce (USPSTF)
- Immunizations recommended by the Advisory Committee on Immunization Practices (ACIP)
- Preventive care and screenings supported by the Health Resources and Services
 Administration (HRSA)





U.S. Preventive Services Task Force Recommends Expanding Use Of PrEP In High Risk People To Prevent Infection

In an effort to eliminate nearly 40,000 new HIV infections in the U.S. each year, the U.S. Preventive Services Task Force recommended Truvada, which can reduce the risk of infection by 92% when taken daily, should be offered to more patients. High cost has been a barrier, and so far fewer than 10% of high-risk people take the medication.

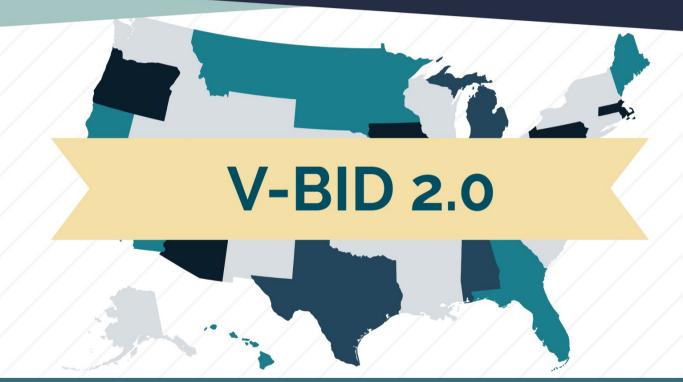


Putting Innovation into Action: Translating Research into Policy





THE EXPANDED ROLE OF V-BID IN MEDICARE ADVANTAGE



CMS announced transformative updates to the Medicare Advantage Value-Based Insurance Design model, including its expansion to all 50 states

V-BID 2.0 allows MA plans to...



Provide reduced cost-sharing and supplemental benefits in a more targeted fashion



Increase access to new interventions like telehealth services, and wellness and healthcare planning



Expand eligibility to include Dual Eligible SNPs, Institutional SNPs, and Regional PPOs



Broaden rewards programs that improve beneficiaries' health

Putting Innovation into Action: Translating Research into Policy





Value-based insurance coming to millions of people in Tricare



- 2017 NDAA: Obama Administration reduce or eliminate co-pays and other cost sharing for certain high services and providers
- 2018 NDAA: Trump Administration reduce cost sharing for high value drugs on the uniform formulary



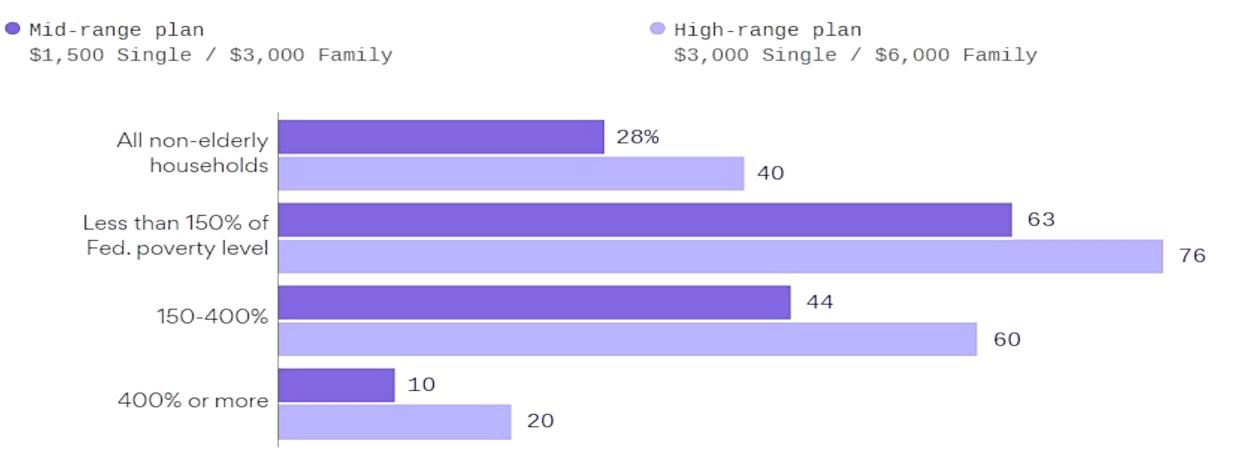
HSA-HDHP Reform





A Significant Number of Households Do NOT Have Liquid Assets to Cover Their Plan Deductible

Among people with private health insurance



Reproduced from <u>Kaiser Family Foundation</u> analysis of the 2016 Survey of Consumer Finance; Note: Liquid assets include the sum of checking and saving accounts, money market accounts, certificates of deposit, savings bonds, non-retirement mutual funds. stocks and bonds. Chart: Axios Visuals

IRS Rules Prohibit Coverage of Chronic Disease Care Until HSA-HDHP Deductible is Met

PREVENTIVE CARE COVERED Dollar one

CHRONIC DISEASE CARE

NOT covered until deductible is met





However, IRS guidance requires that services used to treat "existing illness, injury or conditions" are not covered until the minimum deductible is met



As HSA-HDHP enrollees with existing conditions are required to pay out-of-pocket for necessary services, they utilize less care, potentially resulting in poorer health outcomes and higher costs



U.S. DEPARTMENT OF THE TREASURY

PRESS RELEASES

Treasury Expands Health Savings Account Benefits for Individuals Suffering from Chronic Conditions

List of services and drugs for certain chronic conditions that will be classified as preventive care under Notice 2019-45

Preventive Care for Specified Conditions	For Individuals Diagnosed with
Angiotensin Converting Enzyme (ACE) inhibitors	Congestive heart failure, diabetes, and/or
	coronary artery disease
Anti-resorptive therapy	Osteoporosis and/or osteopenia
Beta-blockers	Congestive heart failure and/or coronary artery
	disease
Blood pressure monitor	Hypertension
Inhaled corticosteroids	Asthma
Insulin and other glucose lowering agents	Diabetes
Retinopathy screening	Diabetes
Peak flow meter	Asthma
Glucometer	Diabetes
Hemoglobin A1c testing	Diabetes
International Normalized Ratio (INR) testing	Liver disease and/or bleeding disorders
Low-density Lipoprotein (LDL) testing	Heart disease
Selective Serotonin Reuptake Inhibitors (SSRIs)	Depression
Statins	Heart disease and/or diabetes

Chronic Disease Management Act of 2019

115th CONGRESS 2d Session

2018

S.2410 and H.R.4978 Bipartisan, Bicameral Legislation

To amend the Internal Revenue Code of 1986 to permit high deductible health plans to provide chronic disease prevention services to plan enrollees prior to satisfying their plan deductible.



Where does the money come from to provide better coverage for high value care?

Raise Premiums



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Where does the money come from to provide better coverage for high value care?

- Raise Premiums
- Increase Deductibles, Copayments and Coinsurance



Where does the money come from to provide better coverage for high value care?

- Raise Premiums
- Increase Deductibles, Copayments and Coinsurance
- Reduce Spending on Low Value Care



This year we will throw away at least \$200-billion on overpriced, useless, even harmful treatments, and on a bloated bureaucracy. That's enough to extend high-quality medical care to every



American now uninsured....

Waste in the Healthcare System Comes From Many Places

Category	Sources	Estimate of Excess Costs	% of Waste	% of Total
Unnecessary Services	 Overuse beyond evidence-established levels Discretionary use beyond benchmarks Unnecessary choice of higher-cost services 	\$210 billion	27%	9.15%
Inefficiently Delivered Services	 Mistakes, errors, preventable complications Care fragmentation Unnecessary use of higher-cost providers Operational inefficiencies at care delivery sites 	\$130 billion	17%	5.66%
Excess Admin Costs	 Insurance paperwork costs beyond benchmarks Insurers' administrative inefficiencies Inefficiencies due to care documentation requirements 	\$190 billion	25%	8.28%
Prices that are too high	 Service prices beyond competitive benchmarks Product prices beyond competitive benchmarks 	\$105 billion	14%	4.58%
Missed Prevention Opportunities	 Primary prevention Secondary prevention Tertiary prevention 	\$55 billion	7%	2.40%
Fraud	• All sources – payers, clinicians, patients	\$75 billion	10%	3.27%
	Total	\$765 billion		33.33%





REDUCING LOW-VALUE CARE





Reducing Low Value Care: Identify



Choose services:

- Easily identified in administrative systems
- Mostly low value
- Reduction in their use would be barely noticed



Multi-Stakeholder Task Force on Low Value Care Identifies 5 Commonly Overused Services Ready for Action





2. Vitamin D Screening



3. PSA Screening in Men 70+



4. Imaging in First 6 Weeks of Acute Low Back Pain



5. Branded Drugs When Identical Generics Are Available



Impact of reducing Vitamin D testing in the TRICARE population

Cost 1 Vitamin D test =





Reducing Low Value Care: Measure

Health Waste Calculator

- Collaboration between Milliman and V-BIDHealth
- Measures potentially unnecessary services based on clinical context
- Report on and improve quality and patient safety
- Support value based initiatives by identifying services to be eliminated to facilitate better coverage of high value





📑 Milliman

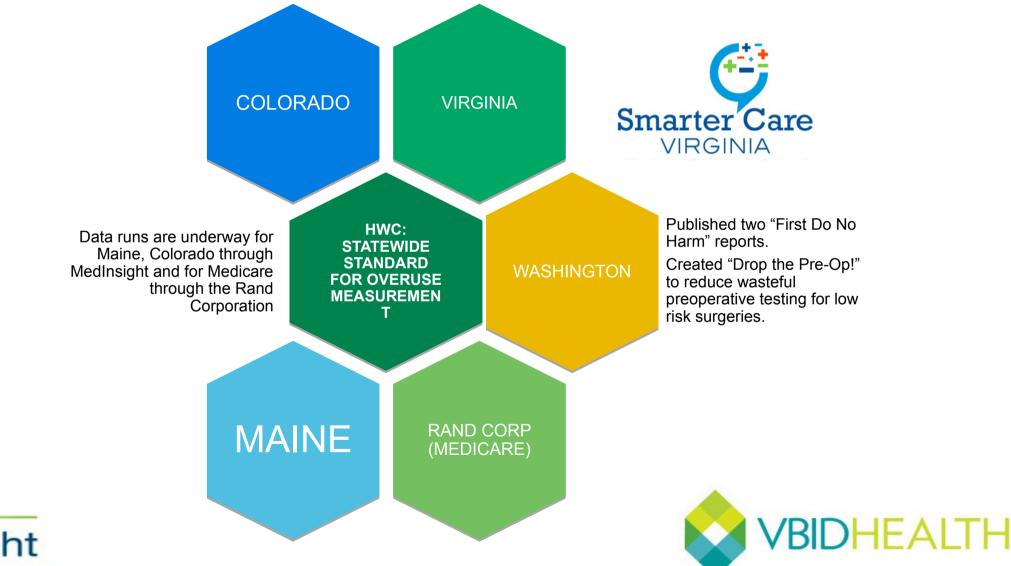
MedInsight

Report: Example Measure Summary

Waste Categories	Total Services	Likely Wasteful		Was	Quality	Waste	
(Aggregation and drill path)	Measured	Services	Total Allowed Costs	Services	Total Allowed Costs	Index	Index
PSA-Based Screening	23,143	53	\$10,787.09	17,855	\$2,631,113	23%	77%
Sinus CT for Rhinosinusitus	865	592	\$512,453	-	\$0.00	32%	68%
Antibiotics for Rhinosinusitus	40,401	50	\$1,826		\$816,712	2%	98%
Lower Back Pain Image	6,328	521	\$317,982	5,230	\$4,177,463	9%	91%
Uncomplicated Headaches	2,706	1,559	\$2,675,946	281	\$465,378	32%	68%
Immunoglobin G/E Testing	836	406	\$107,009	236	\$68,527	23%	77%
Stress Cardiac Imaging or Advanced Non-Invasive Imaging	16,318	1,180	\$1,255,296	3,311	\$3,526,215	72%	28%
Totals	90,597	4,361	\$4,870,512	66,540	\$11,685,408	22%	78%

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Health Waste Calculator: State and National Initiatives



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Milliman

MedInsight

Report: Virginia Health Value Dashboard

STATE AND REGIONAL COMPARISON

2017

 Same as statewide rate Worse than statewide rate 	1	1		ē/;		Real Providence
REDUCING LOW VALUE CARE	Å.	2	ş	4	15	
Utilization and Cost of Avoidable Emergency Room Visits						
Potentially Avoidable ED Visits - As a Percentage of Total ED Visits			٠		•	
Potentially Avoidable ED Visits - Per 1,000 Member Months						٠
Potentially Avoidable ED Visits - Per Member Per Year				•		
Low Value Services as Captured by the MedInsight Health Waste Calculator						
Don't obtain baseline laboratory studies in patients without significant systemic disease (ASA I or II) undergoing low-risk surgery – specifically complete blood count, basic or comprehensive metabolic panel, coagulation studies when blood loss (or fluid shifts) is/are expected to be minimal	82%	•	•		•	•
Don't obtain EKE, chest X-rays or pulmonary function test in patients without significant systemic disease (ASA I or II) undergoing low-risk surgery	6%	•	•	•	•	•
Don't perform population based screening for 25-OH-Vitamin D deficiency	21%	٠				
Don't perform PSA-based screening for prostate cancer in all men regardless of age	75%	٠			٠	
Don't do imaging for low back pain within the first six weeks, unless red flags are present	76%	•	•	•	•	
Inoppropriate Preventable Hospital Stays						
Prevention Quality Indicator #90: Prevention Quality Overall Composite Rate (per 100,000 population)	2,266	•		•	•	•



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Report: Low Value Care in Virginia

By John N. Mafi, Kyle Russell, Beth A. Bortz, Marcos Dachary, William A. Hazel Jr., and A. Mark Fendrick

DATAWATCH

Low-Cost, High-Volume Health Services Contribute The Most To Unnecessary Health Spending

An analysis of data for 2014 about forty-four low-value health services in the Virginia All Payer Claims Database revealed more than \$586 million in unnecessary costs. Among these low-value services, those that were low and very low cost (\$538 or less per service) were delivered far more frequently than services that were high and very high cost (\$539 or more). The combined costs of the former group were nearly twice those of the latter (65 percent versus 35 percent). The MedInsight Health Waste Calculator identified more than \$586 MM in unnecessary costs in 2014 from the Virginia All Payer Claims Database



Report: Washington Health Alliance

The Washington **Health Alliance used** the Health Waste **Calculator to identify** over \$92 Million in **Unnecessary Pre-Op Testing**.

DROP THE PRE-OP!

Physicians Agree: All patients need pre-op EVALUATION, but a low-risk patient having a low-risk procedure does not need pre-op TESTING.

Providing high-guality care to patients includes eliminating unnecessary tests, treatments and procedures.

A recent study in Washington state¹, reveals that at least 100,000 patients received unnecessary pre-op testing during a one-year period, at an estimated cost of over \$92 million-a very conservative estimate.

Routine preoperative lab studies, pulmonary function tests, X-rays and EKGs on healthy patients before low-risk procedures are not recommended because they are unlikely to provide useful, actionable information

Choosing Wisely® Recommendations

for low-risk patients without symptoms.

44 Don't obtain baseline laboratory studies in patients without significant systemic disease (ASA I or II) undergoing low-risk surgery - specifically complete blood count, basic or comprehensive metabolic panel, coagulation studies when blood loss (or fluid shifts) is/are expected to be minimal."

-American Society of Anesthesiologists

46 Don't order annual electrocardiograms (EKGs) or any other cardiac screening procedure.

-American Academy of Family Physicians

There are a variety of reasons why unnecessary pre-op tests are ordered, such as:

· Broadly ordering the same pre-op tests for all patients/procedures-based on habit without thoughtful reflection-regardless of a patient's health or a procedure's risk.

. A desire to be "thorough" and/or concern that an incomplete pre-op form may delay the procedure for the patient.

· Discomfort with uncertainty and concern about malpractice.

· A mistaken belief that all insurers require pre-op testing.

¹ First, Do No Harm. https://www.wacommunitycheckup.org/media/47156/2018-first-do-no-harm.pdf



For more information and resources, visit: wsma.org/Choosing-Wisely

Pre-op Testing Prior to Low-Risk Procedures for Low-Risk Patients Physical Status of Patient Undergoing Low-Risk* Procedure (determined based on history and evaluation) 11 LOWER RISK PATIENTS HIGHER RISK PATIENTS ASA IILA/ 454 ASA II A patient with severe systemic disease or Pre-op Test A normal healthy A nationt with mild a nationt who is not expected to survive without stable systemic diseas patient the operation

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Chest X-ray			DO NOT ROUTINELY ORDER			
Coagulation studies						
Complete metabolic panel						
EKG or echocardiography	DO NOT ROUTINELY ORDER		CONSIDER ORDERING			
Full blood count test						
Pulmonary function test						
Urinalysis						

Examples of Low-Risk Procedures: arthroscopy and orthopedic procedures that only require local anesthesia; cataract, corneal replacement and other ophthalmologic procedures; cystoscopy and other minor urologic procedures; dental restorations and extractions; endoscopy; hernia regal; minor ophthalmologic procedures; cystoscopy and other minor laparoscopic procedures; superficial plastic surgery.

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Payers

· Review medical policies and prior-

authorization requirements to ensure

they clearly do not require routine

testing prior to low-risk procedures

Utilize health plan data and analytics

to measure and monitor use of pre-op

testing on low-risk patients prior to

Provide feedback on pre-op testing

on low-risk patients prior to low-risk

procedures to physicians and health

on low-risk patients

low-risk procedures.

care organizations.

Recommended Actions

Physicians, Hospitals and Other Health Care Organizations

· Educate physicians and team members (e.g. RN, MA) involved in pre-op testing decision-making

- · Delete prompts for pre-op testing in electronic health record (EHR) order sets designed for low-risk patients undergoing low-risk procedures.
- Use evaluation checklists to optimize surgical outcomes (e.g. nutrition, glycemic control. medication management and smoking cessation)

 In hand-off communication to the surgeon or anesthesiologist after your pre-op evaluation, add this or similar language: "This patient has been evaluated and does not require any pre-operative lab studies, chest X-ray, EKG or pulmonary function test prior to the procedure."

 Provide promot and clear peer-to-peer feedback when unnecessary pre-op testing. occurs; make this a topic of departmental and inter-departmental guality improvement discussions, including gathering patient data to inform discussions.

· Measure current rate of pre-op testing on low-risk patients prior to a low-risk procedure and track improvement.



For more information and resources visit: wsma.org/Choosing-Wisely





Reduces unnecessary time spent

at a lab or clinic · Reduces patient's financial burden.

· Reduces waiting for test results and

anxiety from false-positive results. Reduces unnecessary delay before

For physicians: · Provides evidence-based care to

patients and avoids unnecessary care. Reduces time spent reviewing. documenting and explaining test results that add no value and won't

> impact a decision regarding procedure. Reduces risk exposure from not carefully documenting follow-up on

all pre-op tests

Reduce: Multiple Levers to Remove Low Value Care

Provider-Facing Levers (Supply)

Coverage policies

Payment rates

Payment models

Profiling data

Clinical decision support

Patient-Facing Levers (Demand)

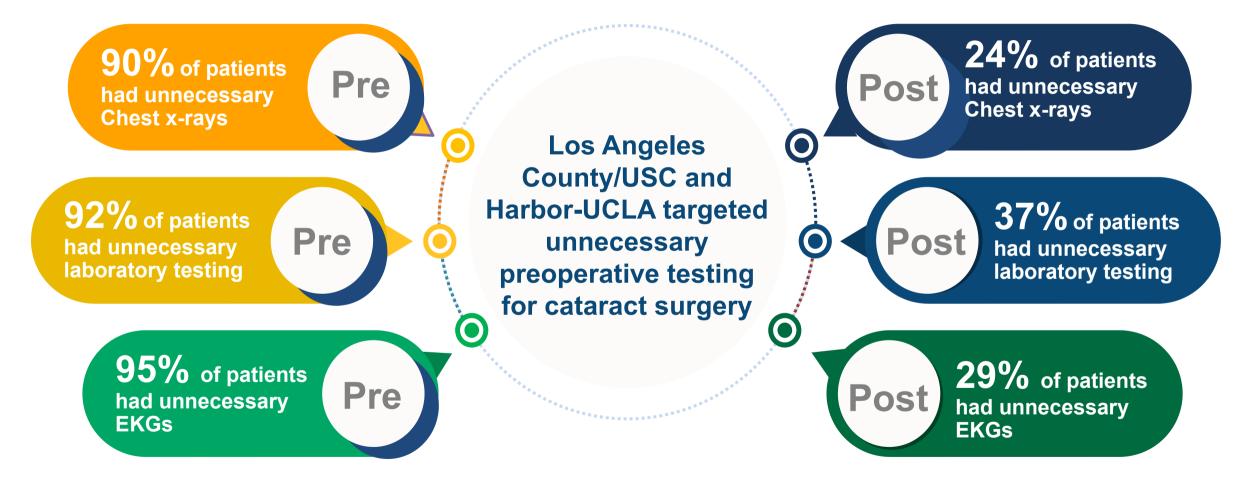
Value-Based Insurance Design

Network design

Prior authorization



Reduce: Eye Opening Benefits of Removing Waste



Source: Mafi JN, Godoy-Travieso P, Wei E, et al. Evaluation of an Intervention to Reduce Low-Value Preoperative Care for Patients Undergoing Cataract Surgery at a Safety-Net Health System. *JAMA Intern Med*.2019;179(5):648–657. doi:10.1001/jamainternmed.2018.8358

March 1 V-BID

Reduce: ACA Sec 4105

SEC. 4105. EVIDENCE-BASED COVERAGE OF PREVENTIVE SERVICES IN MEDICARE.

(a) AUTHORITY TO MODIFY OR ELIMINATE COVERAGE OF CERTAIN PREVENTIVE SERVICES.—Section 1834 of the Social Security Act (42 U.S.C. 1395m) is amended by adding at the end the following new subsection:

"(n) AUTHORITY TO MODIFY OR ELIMINATE COVERAGE OF CER-TAIN PREVENTIVE SERVICES.—Notwithstanding any other provision of this title, effective beginning on January 1, 2010, if the Secretary determines appropriate, the Secretary may—

"(1) modify—

"(A) the coverage of any preventive service described in subparagraph (A) of section 1861(ddd)(3) to the extent that such modification is consistent with the recommendations of the United States Preventive Services Task Force; and

"(B) the services included in the initial preventive physical examination described in subparagraph (B) of such section; and

"(2) provide that no payment shall be made under this title for a preventive service described in subparagraph (A) of such section that has not received a grade of A, B, C, or I by such Task Force.".

(b) CONSTRUCTION.—Nothing in the amendment made by paragraph (1) shall be construed to affect the coverage of diagnostic or treatment services under title XVIII of the Social Security Act. The ACA grants HHS the authority to eliminate coverage for USPSTF 'D' Rated Services in Medicare





August 6, 2019

Final Recommendation Statement:

Pancreatic Cancer: Screening

Release Date: August 2019

Recommendation Summary

Recommendation Summary

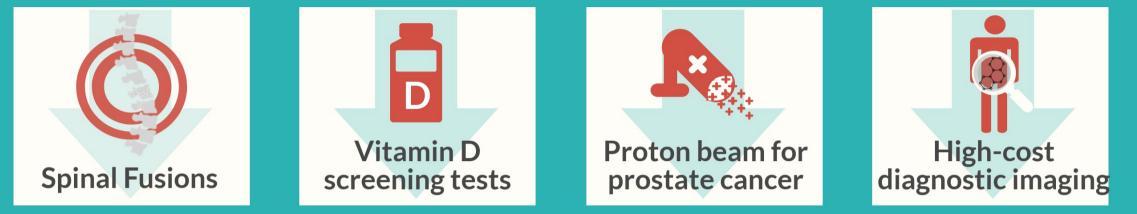
Population	Recommendation	Grade (What's This?)
Adults	The USPSTF recommends against screening for pancreatic cancer in asymptomatic adults.	D

V-BID X: Better Coverage, Same Premiums and Deductibles





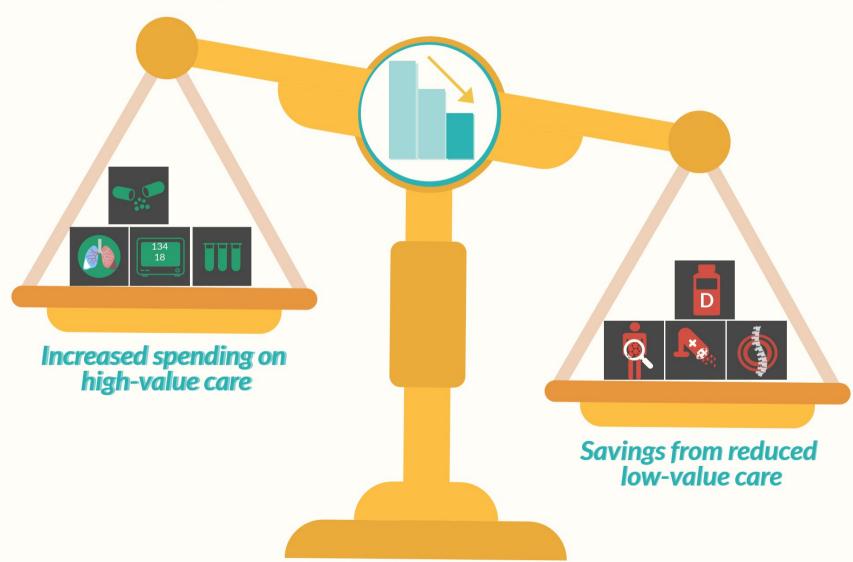
Increased cost-sharing on low-value services reduces spending...



...and allows for lower cost-sharing and increased spending on high-value services



When savings from reduced use of low-value care exceed extra spending on high-value services, premiums will decrease



Aligning Payer and Consumer Incentives: As Easy as Peanut Butter and Jelly

Many "supply side" initiatives are restructuring provider incentives to move from volume to value:

- Medical Homes
- Electronic Medical Records
- Accountable Care Organizations
- Bundled Payments/Reference Pricing
- Global Budgets
- High Performing Networks





Aligning Payer and Consumer Incentives: As Easy as Peanut Butter and Jelly

Unfortunately, some "demand-side" initiatives – including consumer cost sharing discourage consumers from pursuing the "Triple Aim"



Aligning Payer and Consumer Incentives: As Easy as PB & J

The alignment of clinically driven, provider-facing and consumer engagement initiatives is a necessary and critical step to improve quality of care, enhance patient experience, and contain cost growth



"If we don't succeed then we will fail."

Dan Quayle

Questions?

