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Physician Response to Patient Request for Low Value Care

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SCHOOL OF MEDICINE

Background	Dependent Variables	Logistic Regression Results					
 Currently 30% of the U.S.'s annual health care expenditures are believed to be wasteful. Physicians are increasingly expected to address health care waste when making health care decisions. 	 Two items to measured medical waste from patient request: 1) "In the last year, how often have you given a patient a referral to a specialist because the patient wanted it when you believed it was not indicated?" 2) "In the last year, how often have you preserved a brand name. 	Unnecessary Referrals Sometimes/Often (N=722)		s/Often	Brand Name Drug Prescription Sometimes/Often (N=721)		
			Odds Ratio	p-value	Odds Ratio	p-value	
		Sex: Female	Ref		Ref		
Primary care physicians (PCPs) face situations that require	2) "In the last year, how often have you prescribed a brand name	Male	0.91	0.59	1.03	0.88	
juggling low value care with patient desires.	drug when an equivalent generic was available because the	Race: White/Asians	Ref		Ref		
 Gatekeeping of referrals to specialists by PCPs is often used 	patient asked for the brand name drug specifically?"	Others	0.76	0.24	1.20	0.47	
as a waste reducing strategy but is associated with		Specialty: Pediatrics	Ref		Ref		
decreased patient satisfaction.	Statistical Analyses	Family Practice	1.41*	0.07	2.77***	<0.001	
Little is known about how physicians balance these	Bivariate analyses and chi-square tests	Internal Medicine	1.40*	0.09	4.51***	<0.001	
expectations when patients request low value care.		Clinical Experience: <10 years 10-30 years	Ref 0.95	0.00	Ref	0.26	
expectations when patients request low value care.	 Multivariate logistic regression models. 	>30 years	0.95	0.98 0.93	1.35 1.82**	0.26	
Objectives		Solo or two person: No	Ref	0.95	Ref	0.05	
Objectives	Key Findings	Yes	1.12	0.64	1.68***	0.01	
Among a nationally representative sample of PCPs, we	In response to nationt requests:	Easy Access to Specialist: No	Ref	0104	Ref	0101	
investigated two types of medical waste triggered by patient	In response to patient requests:	Yes	1.26	0.20	1.01	0.95	
request:	- 51.9% of PCPs reported making unnecessary specialty referrals.	% Medicaid/Uninsured Pts: 0-9	Ref		Ref		
1) Referral for unwarranted specialty consultations.	- 38.7% prescribed brand named drugs when generics were available.	10-21	1.42	0.11	0.94	0.80	
2) Prescriptions for brand name drugs when generic	In regression models, significant predictors included:	22-49	1.06	0.79	0.63*	0.07	
alternatives were available.	 Specialty and interactions with drug/device representatives 	50-100	0.87	0.54	0.51***	0.01	
	 More years of clinical experience and small practices 	Meet Reps: No	Ref		Ref		
Data	 Seeing fewer safety-net patients 	Yes	1.90***	<0.001	1.85***	0.001	
Data		Note: Also included Hospital Ser				pattern found. Not	
This study utilized data on PCPs collected as part of the	Refer to a Specialist Prescribe a Brand Name Drug	reported in this table. Ref: Refer	ence category.	*** 0.01, *	* 0.05, *0.1		
2009 National Survey on Medical Professionalism by Center for Survey Research at the University of Massachusetts,		Recommendations					
		Efforts to reduce me	dical waste	should a	ducate PCPs	and provide	
Boston.		real-time support to					
 Survey response rates for PCPs (N=840) included family practice (n=274; 67.5%), Internal Medicine (n=257; 60.8%), 		medical services.	manage pat	uentieq		iecessai y	

• Alternative to gatekeeping should include payment or compensation models that hold physicians accountable for providing low value care, or that provide strategic use of patient level incentives.

juggling low value care with patient desires.Gatekeeping of referrals to specialists by PCPs is often used	 Grug when an equivalent generic was available because the patient asked for the brand name drug specifically?" Statistical Analyses Bivariate analyses and chi-square tests Multivariate logistic regression models. 				
as a waste reducing strategy but is associated with decreased patient satisfaction.					
 Little is known about how physicians balance these expectations when patients request low value care. 					
Objectives	Key Findings				
 Among a nationally representative sample of PCPs, we investigated two types of medical waste triggered by patient request: 1) Referral for unwarranted specialty consultations. 2) Prescriptions for brand name drugs when generic alternatives were available. 	 In response to patient requests: 51.9% of PCPs reported making unnecessary specialty referrals. 38.7% prescribed brand named drugs when generics were available. In regression models, significant predictors included: Specialty and interactions with drug/device representatives More years of clinical experience and small practices 				
Data	- Seeing fewer safety-net patients				
 This study utilized data on PCPs collected as part of the 2009 National Survey on Medical Professionalism by Center for Survey Research at the University of Massachusetts, Boston. Survey response rates for PCPs (N=840) included family practice (n=274; 67.5%), Internal Medicine (n=257; 60.8%), and pediatrics (n=309; 72.7%). 	Refer to a Specialist Prescribe a Brand Name Drug				
Note: This paper is under review at the Annals of Internal Medicine.					

Never

Rarely

Sometimes

Often

Never

Rarely

Sometimes

Often