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Colorectal Cancer Screening Practices: Survey of Primary Care Providers



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SECTION A. COLORECTAL CANCER SCREENING KNOWLEDGE AND BELIEFS

1. How effective do you believe the following screening procedures are in reducing colorectal cancer mortality in <u>asymptomatic</u>, <u>average-risk</u> patients aged <u>50 years and older</u>?

How effective is (CHECK ONE BOX ON EACH LINE)	Very Effective	Somewhat Effective	Not Effective	Don't Know	
a. Guaiac-based FOBT¹	1	2	3	97	
b. Immunochemical FOBT or FIT ²	1	2	3	97	
c. Flexible sigmoidoscopy	1	2	3	97	
d. Colonoscopy	1	2	3	97	
e. Double-contrast barium enema	1	2	3	97	
f. Virtual colonoscopy (e.g., CT colonography)	1	2	3	97	
g. Fecal DNA testing	1	2	3	97	

2. Please indicate whether you agree or disagree with the following statements about colorectal cancer screening tests.

(CHECK ONE BOX ON EACH LINE)	Agree	Neutral	Disagree	Don't Know
a. Guidelines recommend the digital rectal exam as a colorectal cancer screening test	1	2	3	97
b. If a stool blood test kit is returned and only one window is positive, the test should be repeated	1	2	3	97
c. A positive stool blood test should not be repeated with another stool blood test	1	2	3	97
d. Guidelines recommend that providers do a stool blood test in the office to make sure that at least one colorectal cancer screening test is completed	1	2	3	97
e. Patients referred for a screening colonoscopy who undergo a biopsy or polypectomy during the procedure may be required to pay a co-pay	1	2	3	97

¹FOBT: Fecal Occult Blood Test ²FIT: Fecal Immunochemical Test 3. Please indicate whether, in your opinion, the following barriers have affected your efforts to provide colorectal cancer screening for your patients.

(CHECK ONE BOX ON EACH LINE)		ajor rier	Minor Barrier	Not a Barrier	Don't Know
a. My patients do not follow through to complete colorectal cancer so tests	creening		2	3	97
b. My patients are reluctant or refuse to address colorectal cancer screening	1		2	3	97
c. My patients are unaware of colorectal cancer screening	1		2	3	97
d. My patients do not perceive colorectal cancer as a serious heal	th threat 1		2	3	97
e. My patients have difficulty understanding the colorectal cance screening information I give them	r l		2	3	97
f. My patients' other health concerns have a higher priority than colorectal cancer screening	1		2	3	97
g. I don't have enough time to discuss colorectal cancer screenin my patients	g with		2	3	97
h. Resources for providing timely follow-up to positive FOBT/FIT so tests are limited (e.g., lack of personnel, time)	creening		2	3	97
 i. Resources for providing screening colonoscopy or flexible sigmoid are limited (e.g., lack of qualified personnel, equipment, facilities) 	loscopy		2	3	97
 j. My practice setting lacks an adequate reminder system for col- cancer screening 	orectal		2	3	97
k. My practice setting lacks an adequate tracking system for colo cancer screening	rectal		2	3	97
l. Experts disagree about appropriate colorectal cancer screening diagnostic modalities	and/or 1		2	3	97
m. Provider reimbursement for conducting colorectal cancer screen inadequate	ening is		2	3	97
n. My patients cannot afford or lack adequate insurance coverage colorectal cancer screening	e for		2	3	97

SECTION B. COLORECTAL CANCER SCREENING RECOMMENDATIONS

4.	Which one of the following factors has the greatest influence on your recommendations for colorectal
car	ncer screening? (CHECK ONE BOX)

	Guidelines or recommendations of any health plan with which you are affiliated
1	Guidennes of recommendations of any nearth plan with which you are armitted
2	Clinical evidence in the published literature
3	Guidelines from national organizations (e.g., ACS/USMSTF, USPSTF, NCCN)*
4	Day-to-day practice experiences
5	Other (specify):
6	None of these

^{*} ACS/USMSTF: Joint American Cancer Society/U.S. Multi-Society Task Force on Colorectal Cancer; USPSTF: Guidelines of the U.S. Preventive Services Task Force; NCCN: National Comprehensive Cancer Network Guidelines on Colon and Rectal Cancers

The questions in this section ask about your experiences with colorectal cancer screening. Please respond based on how you actually practice even if this differs from how you would like to practice under ideal circumstances.

5. Please complete the table below based on your colorectal cancer screening recommendations to <u>asymptomatic</u>, <u>average-risk patients</u> (in good health for their age). If you do not routinely recommend a particular test, check "no" and go to the next row.

Do you routinely recommend (CHECK ONE BOX ON EACH LINE)	Your Recommended Starting Age	Your Recommended Frequency of Testing
a. Guaiac-based FOBT 1 Yes 2 No	Years	Every
b. Immunochemical FOBT or FIT 1 Yes 2 No	Years	Every
c. Colonoscopy 1 Yes 2 No	Years	Every
d. Flexible sigmoidoscopy 1 Yes 2 No	Years	Every
e. Double-contrast barium enema 1 Yes 2 No	Years	Every ————————————————————————————————————
f. Virtual colonoscopy (e.g., CT colonography) 1 Yes 2 No	Years	Every
g. Fecal DNA testing 1 Yes 2 No	Years	Every
h. Digital rectal exam 1 Yes 2 No	Years	Every
i. Other (specify):	Years	Every ————————————————————————————————————

•	utinely recommend guaiac-based FOBT (Yes to because, answer this question.	5a), SK	IP TO QUESTION 7.
	hy DON'T you routinely recommend guaiac-base	ed FOB	T? (CHECK ALL THAT APPLY)
1	Preparation requirements for the patient Lack of patient compliance Patient fear or anxiety Unpleasantness of the procedure for the patient	5 6 7 8	Lack of or unknown test effectiveness High cost or lack of insurance coverage for the patient Poor provider reimbursement Other (specify):
-	utinely recommend immunochemical FOBT or Ese, answer this question.	TIT (Ye	s to 5b), SKIP TO QUESTION 8.
7. W]	hy DON'T you routinely recommend immunoche	emical I	FOBT or FIT? (CHECK ALL THAT APPLY)
1 2 3 4	Preparation requirements for the patient Lack of patient compliance Patient fear or anxiety Unpleasantness of the procedure for the patient	5 6 7 8	Lack of or unknown test effectiveness High cost or lack of insurance coverage for the patient Poor provider reimbursement Other (specify):
	utinely recommend colonoscopy (Yes to 5c), SKI se, answer this question.	Р ТО С	QUESTION 9.
8. W	hy DON'T you routinely recommend colonoscop	y? (CH	ECK ALL THAT APPLY)
1 2 3 4 5 6	Preparation requirements for the patient Lack of patient compliance Patient fear or anxiety Unpleasantness of the procedure for the patient Lack of or unknown test effectiveness High cost or lack of insurance coverage for the patient	7 8 9 10 11 12 12	Poor provider reimbursement Requirement of anesthesia Difficulties obtaining precertification Poor endoscopic capacity in your area Too many risks to the patient Other (specify):

Sections C and D ask about specific tests or modalities that are used to screen for colorectal cancer. Please respond based on how you <u>actually</u> practice even if this differs from how you would like to practice under ideal circumstances.

SECTION C. COLORECTAL CANCER SCREENING MODALITIES: FECAL OCCULT BLOOD TESTING OR FECAL IMMUNOCHEMICAL TESTING

If you do not order or perform FOBT/FIT in your practice, SKIP TO SECTION D on page 6.

9.	Please complete the table below based on your experiences in providing colorectal cancer screening with
FO	<u>DBT/FIT</u> for your <u>asymptomatic, average-risk</u> patients.

More

Don't

During a typical month, how many times do you order or perform this screening test?

(CHECK ONE BOX ON EACH LINE)	0	1–10	11–20	21–40	Than 40	Know
Office-based FOBT/FIT (e.g., via a digital rectal exam)	0	1	2	3	4	97
FOBT/FIT with home test kits	0	1	2	3	4	97
9A. Do you have a reminder system to ensure that patients who are given or mailed home FOBT/FIT I complete and return the FOBT/FIT? 1						
step to a positive FOBT/FIT? (CHECK Al Repeat FOBT/FIT Flexible sigmoidoscopy Colonoscopy Double-contrast barium enema Virtual colonoscopy (e.g., CT colono Other (specify): 11. Do you have a mechanism (such as remensure that patients with positive FOBT/F Yes → GO TO QUESTION 11A No → SKIP TO QUESTION 12	ography) ninder calls	— or mailings	sec	Yes No gement, or	ne workup if /FIT is nega a tracking s	tive?

Don't know → SKIP TO QUESTION 12

Patient reminder telephone call

What is the mechanism? (CHECK ALL THAT APPLY)

11A.

E-mailed patient reminder E-mailed patient reminder Case management or patient naviga Tracking system or log	tion					
Scheduling system						
Other (specify):						
12. What percentage of FOBT/FIT with home tes (Your best guess is fine.)	st kits are o	completed	by your pa	atients?		
% 97 Don't know						
SECTION D. SCREENING COLORECTAL CAN 13. Complete the table below based on your expescreening for your asymptomatic, average-risk pages	CER S	CREE	NING 7	ΓESTS		
During a <u>typical month</u> , how many times do you (CHECK ONE BOX ON EACH LINE)	0	1–5	6–10	11–20	More Than 20	Don't Know
Refer patients to another provider for screening:						
a. Colonoscopy	0	1	2	3	4	97
b. Sigmoidoscopy	0	1	2	3	4	97
c. Double-contrast barium enema	0	1	2	3	4	97
d. Virtual colonoscopy (e.g., CT colonography)	0	1	2	3	4	97
Personally <u>perform or supervise</u> screening:						
e. Colonoscopy	0	1	2	3	4	97
f. Sigmoidoscopy	0	1	2	3	4	97
 14. Do you counsel patients about fees they may leaduring a screening colonoscopy? Yes No Don't know 15. Do you have a procedure or system that helps screening complete the endoscopy (e.g., flexible single yes → GO TO QUESTION 15A 	s patients v	who have b	een referr			

15A. What is the	procedure or sy	stem? (CHE	CK ALL T	THAT APPL	Y)		
Get off Get of	racking system to example to scheology and the school of the patients by photo to patients by e-monocompletion the completion that it is case many specify):	dule screening o patients one to remind nail to remind rough receipt nagers or navig	them them of endosco gators	ent for patient			
16. Over the past <u>2 ye</u>	ars, has the vol	ume of colore	ectal cance	r screening t	ests you order,]	perform, or	supervise:
(CHECK ONE BOX ON EACH LINE)	Increased Substantially	Increased Somewhat	Stayed About the Same	Decreased Somewhat	Decreased Substantially	Don't Know	I Do Not Order or Perform This Test
a. Guaiac-based FOBT	1	2	3	4	5	97	6
b. Immunochemica l FOBT or FIT	1	2	3	4	5	97	6
c. Screening sigmoidoscopy	1	2	3	4	5	97	6
d. Screening colonoscopy	1	2	3	4	5	97	6
SECTION	ON E. P	RIMARY	CARE	PRACT	ICE SYST	TEMS	
Some primary care phys relate to your <u>main</u> prim					•	•	•
17. How many nurse prinvolved in colorectal distribution)?	· -	g activities (•	_	
18. Has your main pri for colorectal cancer s		ctice impleme	ented guide	elines (e.g., p	ractice protocol	s, policies, a	algorithms)
Yes No Don't know							
19. What type of medi		em does your	main prin	nary care pra	actice use?		
Paper charts	<i></i> ,						

a.

34	Partial electronic medical records (e.g., lab results available electronically, but patient history on paper) In transition from paper to full electronic medical records Full electronic medical records
	es your main primary care practice use a procedure or system to remind <u>you</u> or <u>other members of the am</u> that a patient is due for colorectal cancer screening? Yes
97	No → SKIP TO QUESTION 21 Don't know → SKIP TO QUESTION 21
20A.	What is the procedure or system? (CHECK ALL THAT APPLY)
	Special notation or flag in patient's chart
	Computer prompt or computer-generated flow sheet I routinely look it up in the medical record at the time of a visit
	The practice regularly gives me a list of patients who are not up-to-date
	5 Other (specify):
	es your main primary care practice use a procedure or system to remind <u>your patients</u> that <u>they</u> are due prectal cancer screening?
1 2 97	Yes → GO TO QUESTION 21A No → SKIP TO QUESTION 22 Don't know → SKIP TO QUESTION 22
21A.	What is the procedure or system? (CHECK ALL THAT APPLY)
	1 Verbal prompt from you or a member of the care team during an office visit
	Patient reminder telephone call
	3 Mailed patient reminder
	4 E-mailed patient reminder
	Personalized Web page Other (specify):
	ring the past 12 months, did you receive feedback reports from any source regarding rates of colorectal screening for your patients?
1	Yes → GO TO QUESTION 22A
2	No → SKIP TO QUESTION 23
97	Don't know → SKIP TO QUESTION 23
22A.	Did these reports allow you to compare your own performance with your own patients to the performance of other practitioners and their patients?
	₁ Yes
	97 Don't know
22B.	During the past 12 months, were your payments adjusted based on your own performance, as reflected in these colorectal cancer screening reports?
	1 Yes

	97 Don't know			
23. Does your main primary care practice monitor the percentage of patients, aged 50 years and older, that are up-to-date with colorectal cancer screening? 1 Yes → GO TO QUESTION 23A				
No \rightarrow SKIP TO QUESTION 24 Don't know \rightarrow SKIP TO QUESTION 24				
23A. What is the percentage of patients at your main primary care practice who are <u>up-to-date</u> with colorectal cancer screening? (Your best guess is fine.)				
	% 97 Don't know			
24. When it comes to educating patients about colorectal cancer screening, which of the following have been used by your main primary care practice in the past 6 months? (CHECK ALL THAT APPLY) Direct consultation during office visits Nursing staff/PA/MA interactions Office handouts (pamphlets, brochures, etc.) Mailed information (pamphlets, brochures, etc.) Referral to Web-based resources DVDs Other (specify): Don't know				
25. During the <u>past 12 months</u> , have you participated in any meetings, seminars, or Webinars that offer CMEs on colorectal cancer screening?				
1 2 97	Yes No Don't know			

26. During the <u>past 12 months</u> , have there been any activities in your community to encourage people to get screened for colorectal cancer?					
2	Yes → GO TO Q No → SKIP TO C Don't know → SK				
26A.	Please briefly d	escribe these activities.			
S	ECTION F	. PRACTICE AND OTHER CHARACTERISTICS			
27. How	many hours per	week do you spend in <u>direct patient care</u> ?			
		₉₇ Don't know			
		bout how many physicians work in your main primary care practice location?			
	2–5				
<u> </u>	5–15 16–49				
	50–99 L00+				
29 Duri	ng a tynical weel	k, approximately how many <u>patients</u> do you see in your main primary care practice			
location		s, approximately now many <u>patients</u> do you see in your main primary care practice			
	25 or fewer 26–50				
3 5	51–75 76–100				
5 1	101–125 126 or more				
6	120 of more				
	roximately what Your best guess i	percentage of your patients in your main primary care practice is aged <u>50 years and</u> s fine.)			
	%	₉₇ Don't know			
	roximately what est guess is fine.)	percentage of your patients in your main primary care practice location is <u>uninsured</u> ?			
	%	₉₇ Don't know			
32. Approximately what percentage of your patients in your main primary care practice location is <u>insured by Medicaid</u> ? (Your best guess is fine.)					
	%	₉₇ Don't know			

33. Approximately what percentage of your patients in your main primary care practice is of a <u>racial or ethnic</u> <u>minority</u> ? (Your best guess is fine.)					
% 97 Don't know					
SECTION G. PERSONA	L CHARACTERISTICS				
34. What is your sex?	37. What year did you graduate from medical school?				
35. Are you Hispanic or Latino? 1 Yes 2 No	38. In which country did you complete your residency?				
36. What is your race? (CHECK ALL THAT APPLY) White Black or African American Asian Native Hawaiian or Other Pacific Islander Native American or Alaska Native 40. The CDC is using data from this survey and other effects. Information from practicing doctors is especially in approximately 18 months. May we have your permissi	important to CDC. We would like to contact you again				
Yes No 1 Yes No 41. Is there anything else you would like to tell us about co					
Thank you very much for completing this survey. Please return it in the envelope provided to: ICF Macro Attn: Naomi Freedner 126 College Street Burlington, VT 05401 You can also fax your completed survey to the attention of Naomi Freedner at: 1-866-777-8356.					