

FIT in the Underserved US Population

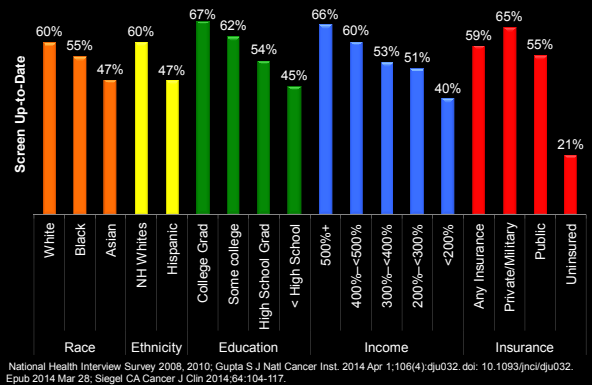
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National screening rate is rate 59 to 65%, but with considerable variation



Opportunity

- Many uninsured/underserved are acquiring health insurance through health reform
- FIT could be an accessible, affordable option that optimizes use of colonoscopy resources, which may be strained/limited

Clinical Examples of Programs

- Promoting FIT inreach programs in San Diego Clinics (California Colorectal Cancer Coalition)
- Distribution of FIT to Blacks, Hatians, Hispanics, through community health workers (Sussman, University of Miami)
- Organized FIT inreach as part of a safety-net health system in Oakland, CA (Bhuket, Alameda County Medical Center)

Gupta S J Natl Cancer Inst. 2014 Apr 1;106(4):dju032.

Research Examples

- Comparison of FIT outreach (n=1,593), colonoscopy outreach (n=480), usual care (n=3,898) for screening promotion at a safety net
 - Included telephone reminders and help with followup for positives
 - Screening was 41% for FIT outreach, 25% for colonoscopy outreach, 12% for usual care
- Roll out of FIT outreach to n=10,000 individuals not up to date
 - Includes comparison of modest financial incentives to promote initial and repeat testing
 - 42% return rate initially across all groups

Gupta S et al. JAMA Intern Med. 2013 Aug 5.

Problems/Challenges

- Tracking results
- Follow up colonoscopy
 - Prior f/u rate for positives 81%
- Identifying best cutoff
- Repeat testing
- Monitoring the lab
 - December 2014 positivity: 12%
 - February 2014 positivity: 16%
 - Both with 50mg/mL cutoff

Summary

- Large population of unscreened, underserved individuals in the US
- FIT may be a good option, but requires substantial infrastructure and effort for implementation
- Acknowledgements:
 - WEO EWP Coalition to boost CRC screening for the uninsured and underserved in the US
 - Jim Allison
 - Cancer Prevention and Research Institute of Texas

Neoplasia Detection

	Usual Care (n=3,898)		Colonoscopy Outreach (n=479)		FIT Outreach (n=1,593)	
	n	%	n	%	n	%
Any Adenoma*	120	3.1	47	9.8	75	4.7
Advanced Adenoma**	16	0.4	6	1.3	12	0.8
CRC	6	0.2	2	0.4	6	0.4
CRC or Advanced Adenoma**	21	0.5	7	1.5	16	1.0

*p<0.001 all comparisons; **p<.05 Colonoscopy Outreach vs. Usual Care

Gupta S et al. JAMA Intern Med. 2013 Aug 5.