Colorectal cancer screening awareness discussion guide.

Some hard conversations are worth having.

Colorectal cancer affects younger adults too.¹

Colorectal cancer is no longer just an older person's disease. While rates have declined in people over age 65, they are increasing in individuals younger than 50 years of age. 1 It is estimated that 10.5% of new colorectal cancer cases occur in persons younger than 50 years. 2

When to start screening?

People ages 45-75 who have an average risk should consider routine colorectal cancer screenings at regular intervals.^{1,3}

Treatable. Survivable.3

Colorectal cancer has a 90 percent five-year survival rate when detected at an early stage, before it has spread.⁴

Talk about the risk factors.

Ask your patients if they meet some of the more common risk factors for colorectal cancer:

- Family history of colorectal cancer or colorectal polyps.³
- Lifestyle factors such as smoking, excessive drinking, obesity, or sedentary lifestyle.³
- Other colon-related conditions such as ulcerative colitis and Crohn's disease.³

Early detection may lead to better outcomes.⁵

Screenings can detect the presence of colorectal polyps or cancer. A colonoscopy can remove colorectal polyps before they become cancerous.⁶ Catching it early is important.

Many people put off screening but delaying screening can increase risk of CRC.⁷ There's a concern that many new colorectal cancer cases won't be caught until later and less treatable stages.⁷

- \dagger For screening, people are considered to be at average risk if they do not have:
- A personal history of colorectal cancer or certain types of polyps
- A family history of colorectal cancer
- A personal history of inflammatory bowel disease (ulcerative colitis or Crohn's disease)
- A confirmed or suspected hereditary colorectal cancer syndrome, such as familial adenomatous polyposis (FAP) or Lynch syndrome (hereditary nonpolyposis colon cancer or HNPCC)
- A personal history of getting radiation to the abdomen (belly) or pelvic area to treat a prior cancer

They have screening options.

Explain that there are many screening options available, including in-person and at-home screenings, as well as invasive and noninvasive methods. Briefly explain a few of their options and how they work. A few examples:

Stool-based options.2

- Fecal immunochemical test (FIT or iFBOT): Tests for blood, presence of cancer. ² Bowel movement is swabbed, placed on card, and sent to lab for analysis.²
- Guaiac fecal occult blood test (FOBT): Tests for blood, presence of cancer.² Bowel movement is swabbed, placed on card, and sent to lab for analysis.²
- Stool DNA test: Tests for abnormal DNA and blood in stool.²
 Bowel movement collected using kit apparatus, then sent back
 to lab for analysis.²

Direct visualization options.²

- Colonoscopy: A doctor uses a long tube with a light and camera to detect and remove colorectal polyps in the colon.²
- Flexible Sigmoidoscopy: Similar to colonoscopy, but doesn't view as much of the colon.² Colorectal polyps can be biopsied if found.²
- Virtual Colonoscopy: A doctor uses X-rays and computers to generate 2-D or 3-D images of the colon and rectum.²
- Gausman V, Dornblaser D, Anand S, et al. Risk Factors Associated with Early-Onset Colorectal Cancer. Clinical Gastroenterology and Hepatology. 2020;18(12):2752-2759.
- Davidson KW, Barry MJ, Mangione CM, et al. Screening for Colorectal Cancer: US Preventive Services Task Force Recommendation Statement. JAMA. 2021;325(19):1965-1977. doi:10.1001/jama.2021.6238.
- 3. Ahmed M. Colon Cancer: A Clinician's Perspective in 2019. Gastroenterology Research. 2020;13(1):1-10.
- 4. Sharieh A, A. Hamad N, I. Abu Kaf H, H. Abuadas F. Predicting Patient's Willingness for Colorectal Cancer Screening Practices Using Machine Learning Classifiers. 2023 International Conference on Information Technology (ICIT), Information Technology (ICIT), 2023 International Conference on. August 2023:178-183.
- 5. Krul MF, Elferink MAG, Kok NFM, et al. Initial Impact of National CRC Screening on Incidence and Advanced Colorectal Cancer. Clinical Gastroenterology and Hepatology. 2023;21(3):797-807. doi:10.1016/j.cgh.2022.08.046
- 6. Zhao S, Wang S, Pan P, et al. Magnitude, Risk Factors, and Factors Associated With Adenoma Miss Rate of Tandem Colonoscopy: A Systematic Review and Meta-analysis. Gastroenterology. 2019;156(6):1661-1674. doi:10.1053/j.gastro.2019.01.260
- 7. Schwarz S, Hornschuch M, Pox C, Haug U. Colorectal Cancer After Screening Colonoscopy: 10-Year Incidence by Site and Detection Rate at First Repeat Colonoscopy. Clinical and translational gastroenterology. 2023;14(1):e00535. doi:10.14309/ctg.000000000000535