

Below is a three-question Colorectal Cancer (CRC) risk assessment tool which aids providers in identifying individuals who need further assessment for hereditary CRC. This tool can be incorporated into the routine pre-procedural evaluation of patients undergoing colonoscopy.

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### ***The Preprocedural Colorectal Cancer Risk Assessment Tool\****

	<b>YES</b>	<b>NO</b>
1. Do you have a <b>first-degree relative</b> (mother, father, brother, sister, or child) with any of the following conditions diagnosed before age 50?		
Colon or rectal cancer	<input type="checkbox"/>	<input type="checkbox"/>
Cancer of the uterus, ovary, stomach, small intestine, urinary tract (kidney, ureter, bladder), bile ducts, pancreas, or brain	<input type="checkbox"/>	<input type="checkbox"/>
2. Have <b>you</b> had any of the following conditions diagnosed before age 50?		
Colon or rectal cancer	<input type="checkbox"/>	<input type="checkbox"/>
Colon or rectal polyps	<input type="checkbox"/>	<input type="checkbox"/>
3. Do you have <b>three or more relatives</b> with a history of colon or rectal cancer? (this includes parents, brothers, sisters, children, grandparents, aunts, uncles, and cousins)	<input type="checkbox"/>	<input type="checkbox"/>

A ‘yes’ response to any of these questions indicates elevated risk for Lynch syndrome (LS), and individuals responding yes to any of these three questions require further evaluation. This tool was found to have high sensitivity estimates and accurately identified 95% of gene mutation carriers. Only 5% of individuals with LS would not have been identified by this tool.

\*Kastrinos, Fay, John I Allen, David H Stockwell, Elena M Stoffel, Earl F Cook, Muthoka L Mutinga, Judith Balmaña, and Sapna Syngal. “Development and Validation of a Colon Cancer Risk Assessment Tool for Patients Undergoing Colonoscopy.” *The American Journal of Gastroenterology* 104, no. 6 (June 2009): 1508–18. doi:10.1038/ajg.2009.135.