

## CRITERIA FOR REFERRAL AND SCREENING OF COLORECTAL CANCER FAMILIES

### SOUTHWEST THAMES REGIONAL GENETICS SERVICE

CATEGORY	NUMBER OF AFFECTED RELATIVES	AFFECTED FAMILY HISTORY	TYPE OF CANCER	AVERAGE AGE OF CANCER DIAGNOSES	FAMILIAL RISK	SCREENING BY COLONOSCOPY AND CHEMOPREVENTION	REFERRAL TO GENETICS OR FAMILY HISTORY CLINIC * Undertake tumour block testing in affected pt if possible
<b>C1</b>	1	1 FDR	CRC	≥60	Population	NBCSO One off flexible sigmoidoscopy at 55 FOB (from 60y)	No
<b>C2</b>	1	1 FDR	CRC	<50	Low	One off colonoscopy aged 55 <sup>1</sup>	Yes*
	1	1 FDR	CRC	50 - 60	Low	One off colonoscopy aged 55 <sup>1</sup>	No
	2	Both Parents	CRC	≤75	Low	One off colonoscopy aged 55 <sup>1</sup>	No
	2	2 FDRs	CRC/LRC <sup>3,4</sup>	>60	Low	One off colonoscopy aged 55 <sup>1</sup>	No
<b>C3</b>	2	2 FDRs	CRC/LRC <sup>3,4</sup>	≤60	Moderate	5 yearly from 50 -75y <sup>1</sup> Discuss aspirin	Yes*
	2	1 FDR + 1 SDR (must be FDR of each other)	CRC/LRC <sup>3,4</sup>	≤60	Moderate	5 yearly from 50 -75y <sup>1</sup> Discuss aspirin	Yes*
	≥3	3 FDR / SDR or TDR if >3 (at least one a FDR of the proband)	CRC/LRC <sup>3,4</sup>	Any (Exclude Lynch and LOFCC <sup>6</sup> first)	Moderate	5 yearly from 50 -75y <sup>1</sup> Discuss aspirin	Yes*
<b>C4</b>	3	FCCX <sup>5</sup> or LOFCC <sup>6</sup>	CRC/LRC <sup>3,4</sup> (Lynch and FAP exclusion required)	See Guidance	High - Moderate	5 yearly from 35 -75y <sup>1</sup> Discuss aspirin	Yes*
<b>C5</b>	3	Amsterdam positive family <sup>2</sup> /known Lynch mutation in family	CRC/LRC <sup>3,4</sup>	See Guidance	High	18 monthly - 2 yearly from age 25 - 75y Discuss aspirin	Yes*
<b>C6</b>	≥1	Multiple Polyps	Nil	Minimum of ≥3 polyps at ≤45 or 10 polyps at any age	To be discussed	To be discussed	Yes*

Abbreviations: FDR First degree relative; SDR Second degree relative; CRC Colorectal cancer; LRC Lynch related cancers; NBCSP National bowel cancer screening programme; FOB Faecal occult blood; FCCX Familial colorectal cancer type X; LOFCC Late onset familial colorectal cancer. All affected relatives to be from same side of family unless otherwise stated.

**SCREENING GUIDANCE IN FAMILIES TO BE REVIEWED UPON COMPLETION OF MOLECULAR TESTING FOR MISMATCH REPAIR DEFICIENCY**