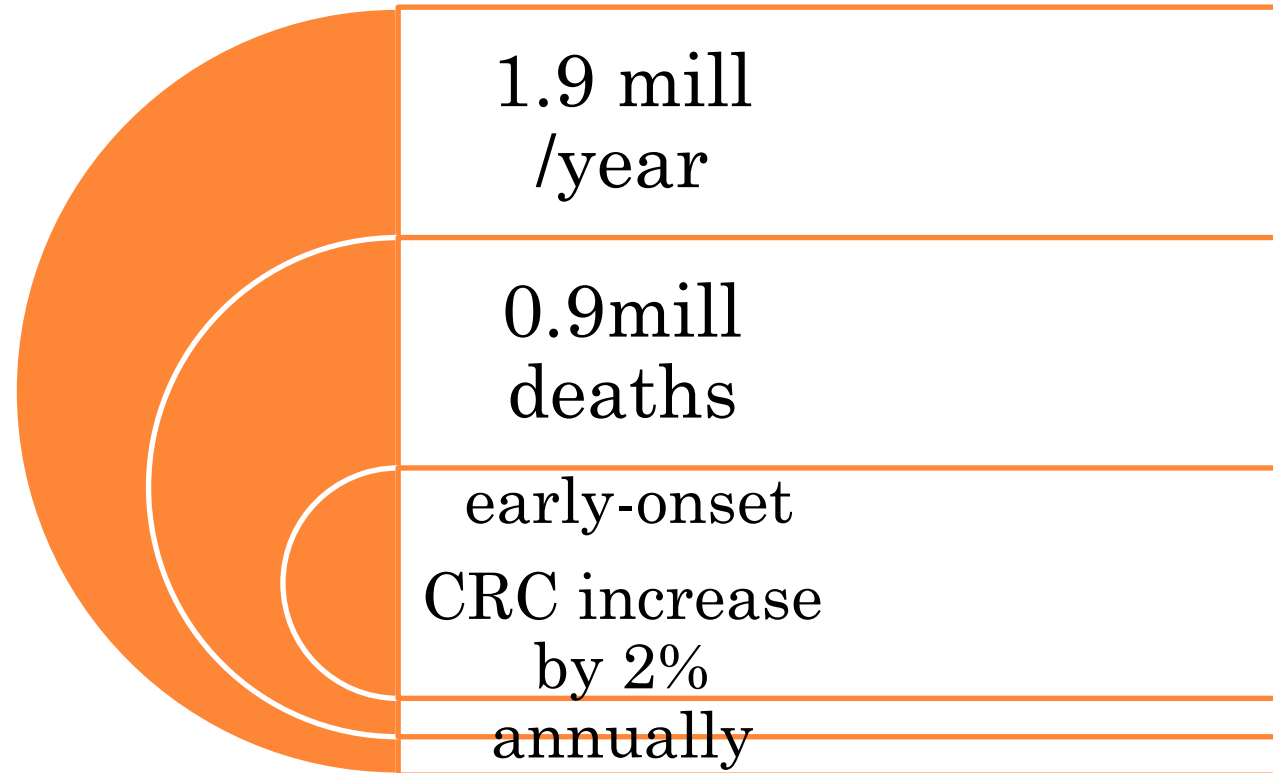


Clinical & pathological presentation Of colorectal cancer among young Sudanese adults In Khartoum state from 2019-2021

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INCEDENCE :





PROBLEMS STATEMENT

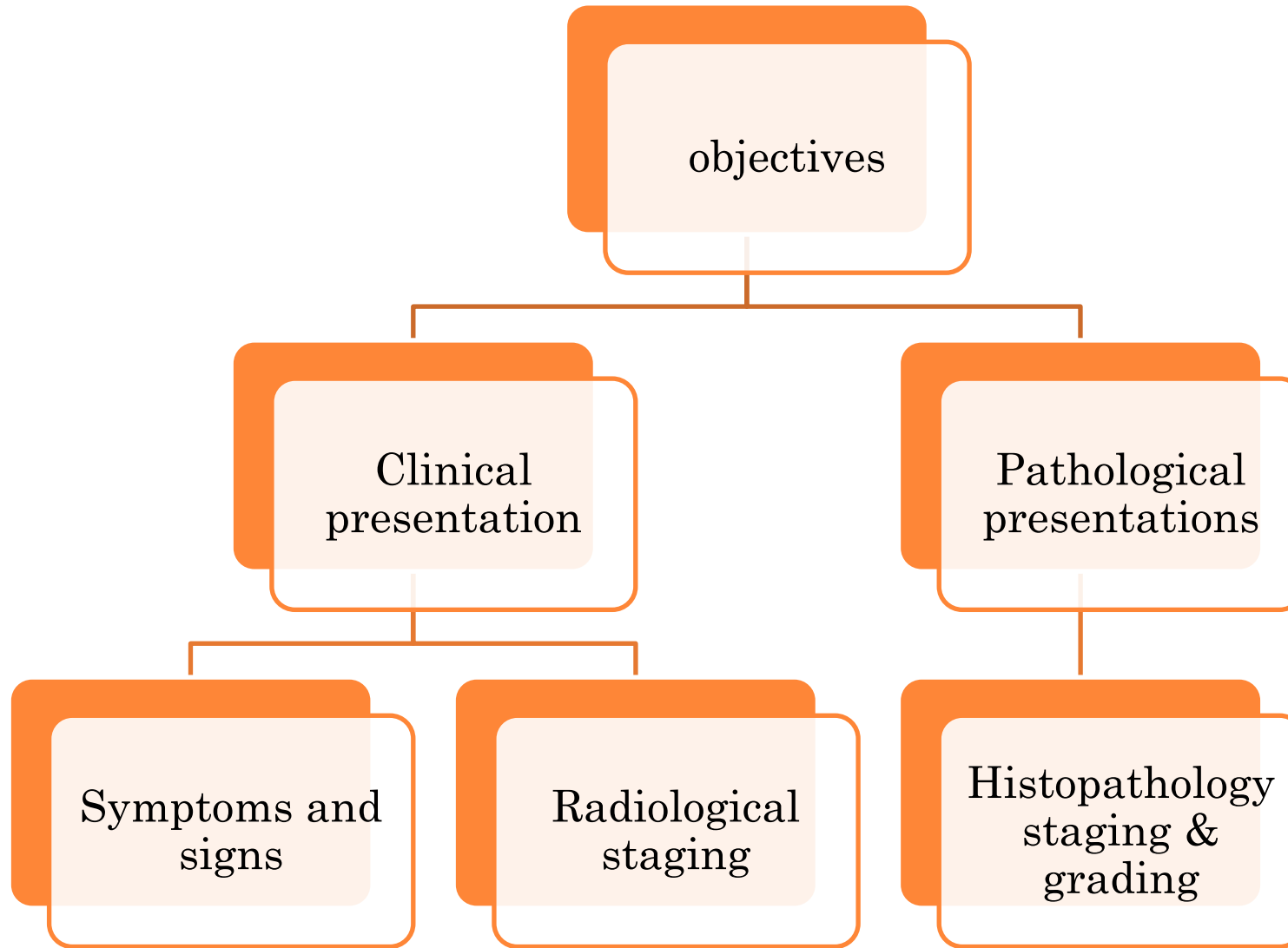


- The rising incidence of colorectal cancer in those under age of 50
- They tend to have different spectrum of clinical and pathological presentation
- The burden of young adult CRC in sudan is unknown
- No previous studies had covered this area in sudan.



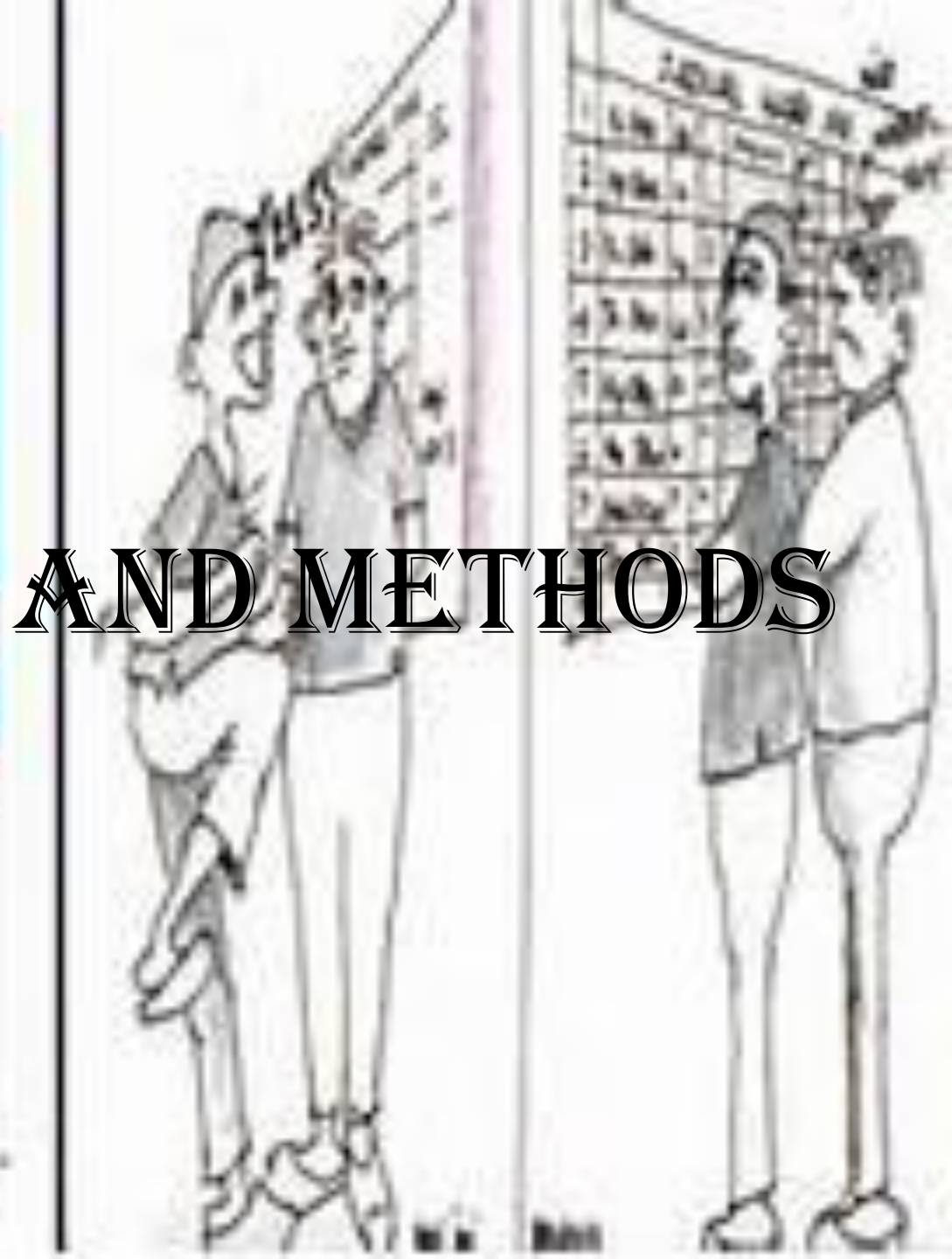
OBJECTIVES







"Is it on pump? Is it off pump? Is it on pump..."



Data collection

- Administered questionnaire.
- Direct interview.
- Direct phone call.
- Inconjunction with records

Study design

- Prospective comparative study.
- The cut age =50



Study population

- All confirmed cases with CRC
- Sample size=100.

Study area

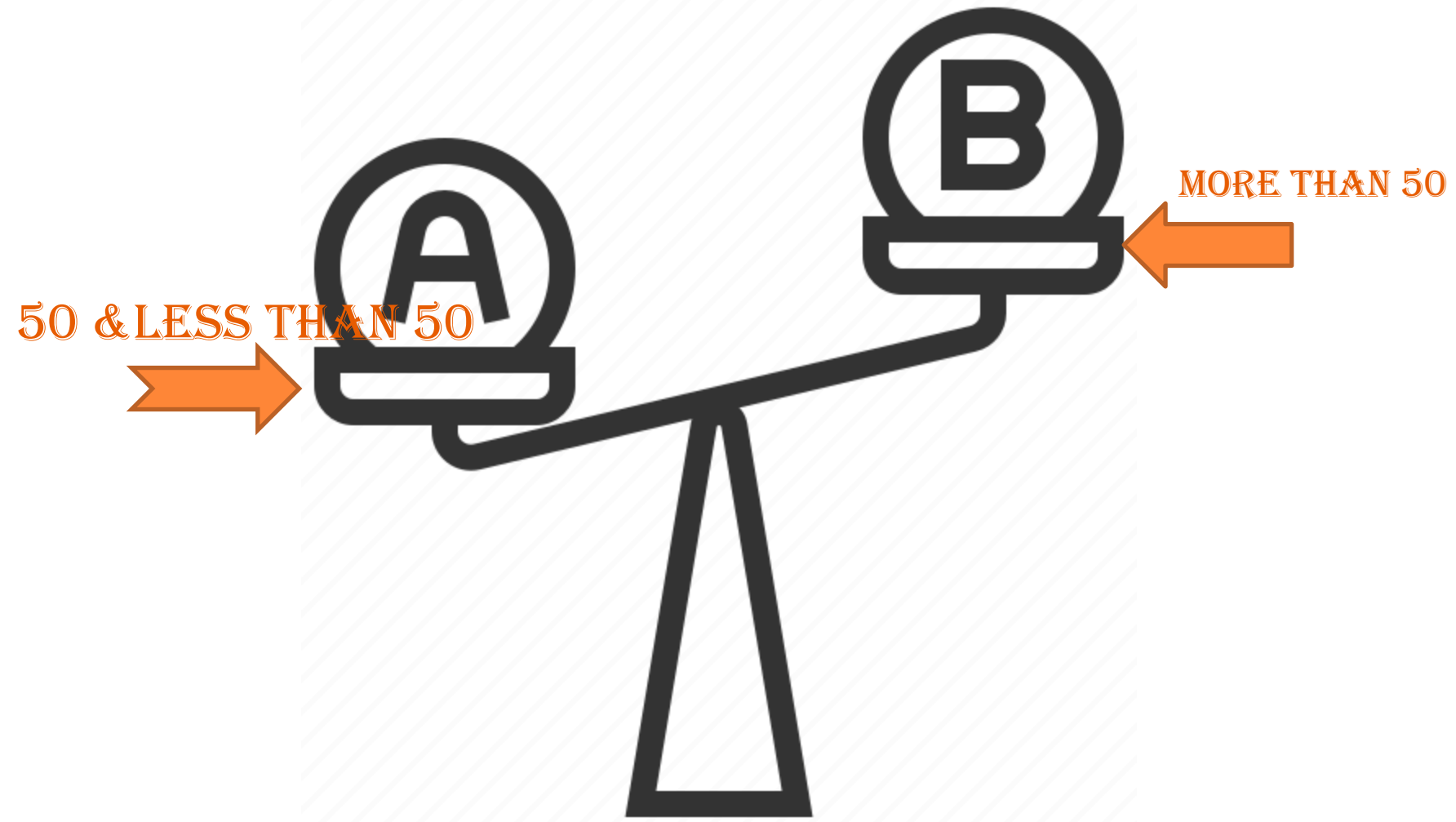
- Ibrahim malik teaching hospital.
- Ibn sina hospital.
- Soba university hospital.



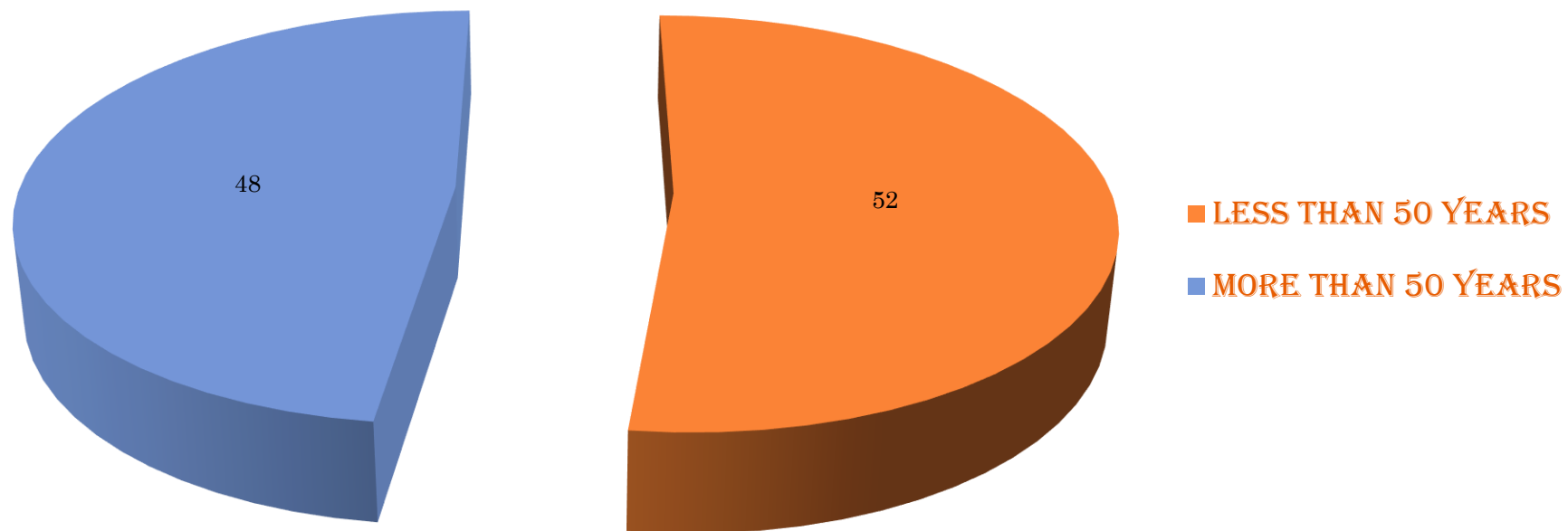


RESULTS





AGE CATEGORY

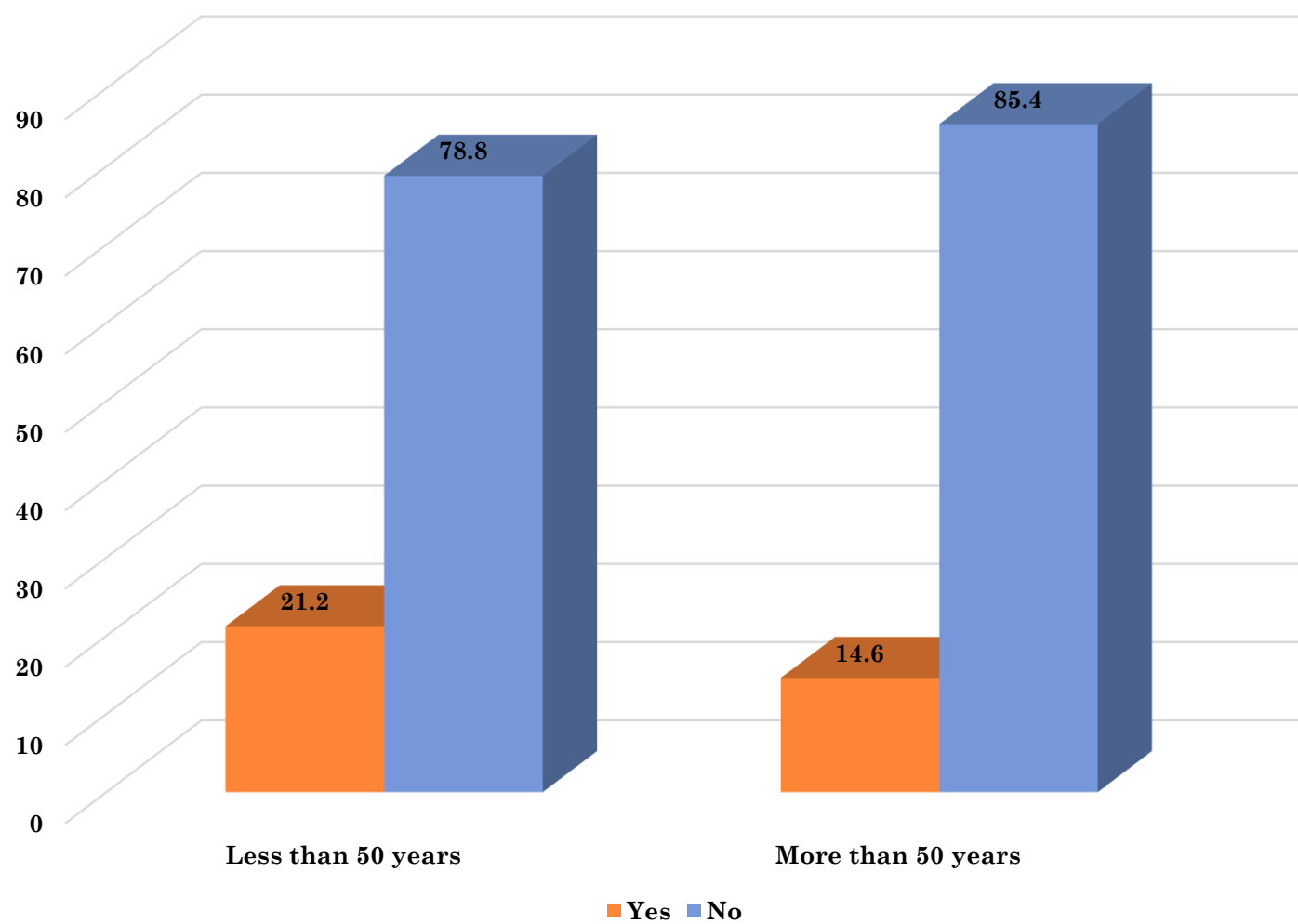


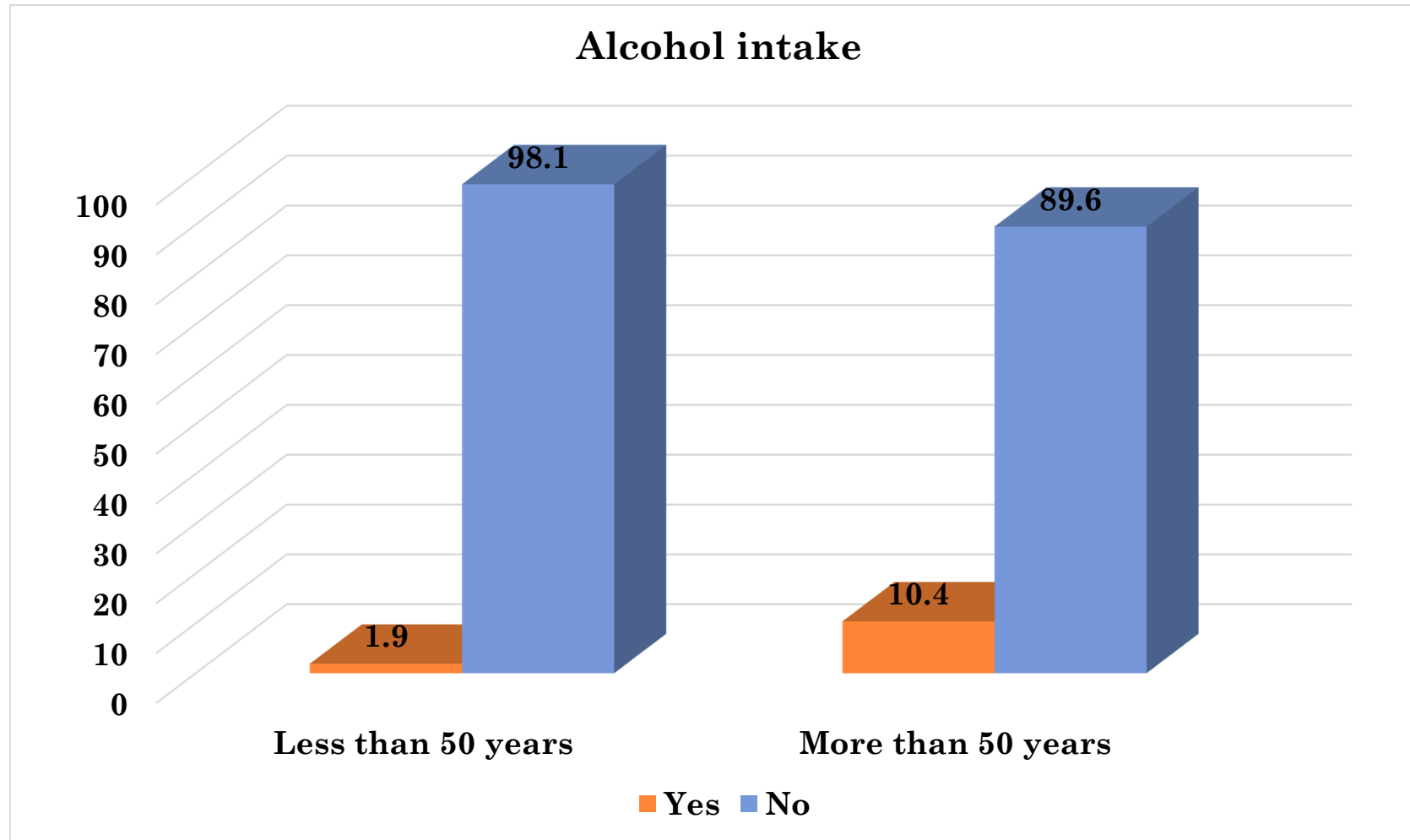
1. PATIENT AGE ANALYSIS

<u>N</u>	<u>VALID</u>	<u>100</u>
	<u>MISSING</u>	<u>0</u>
<u>MEAN</u>		<u>50.0800</u>
<u>MEDIAN</u>		<u>50.0000</u>
<u>MODE</u>		<u>65.00</u>
<u>STD. DEVIATION</u>		<u>15.30411</u>
<u>MINIMUM</u>		<u>22.00</u>
<u>MAXIMUM</u>		<u>82.00</u>

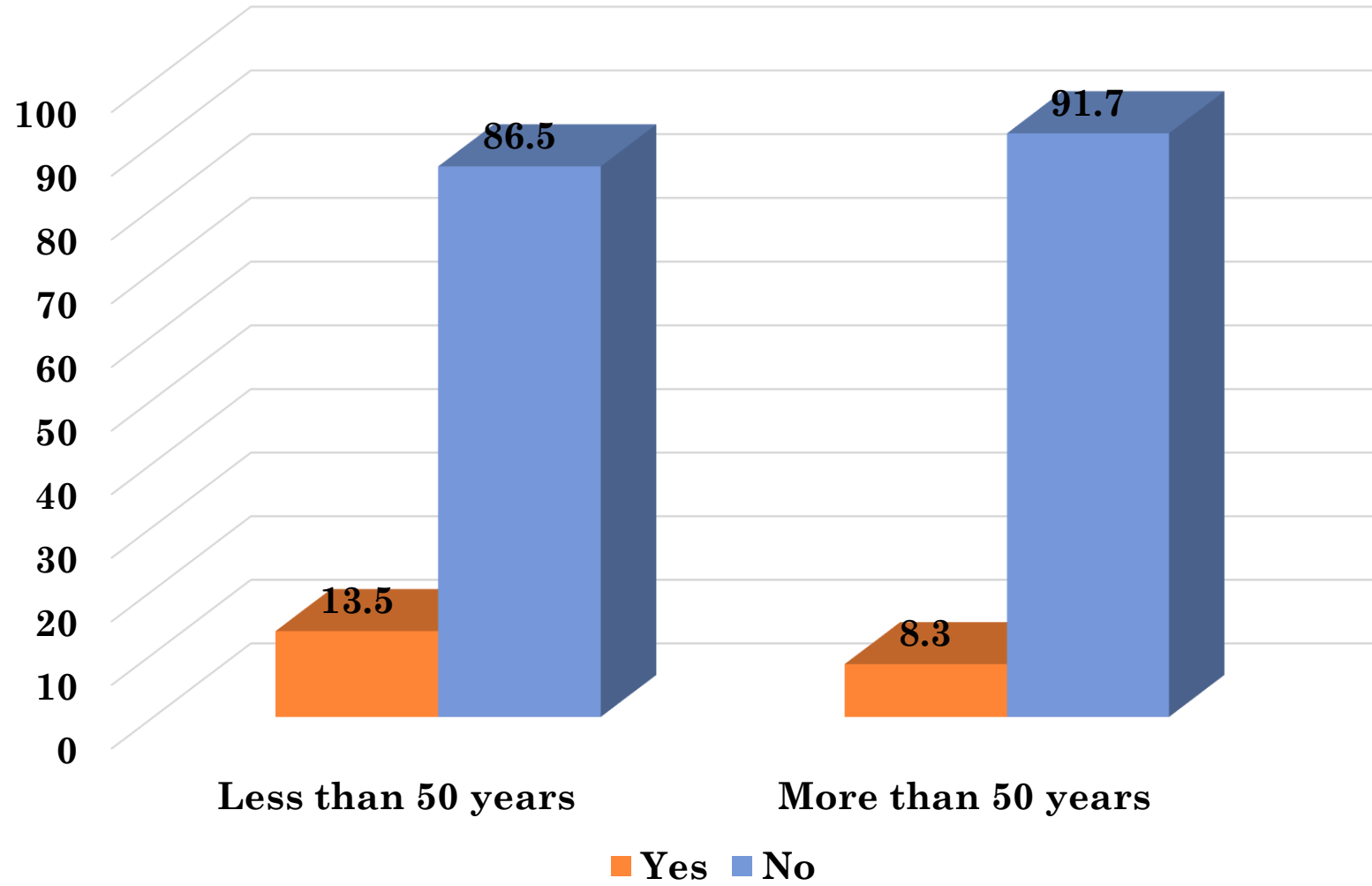


Similar condition in family

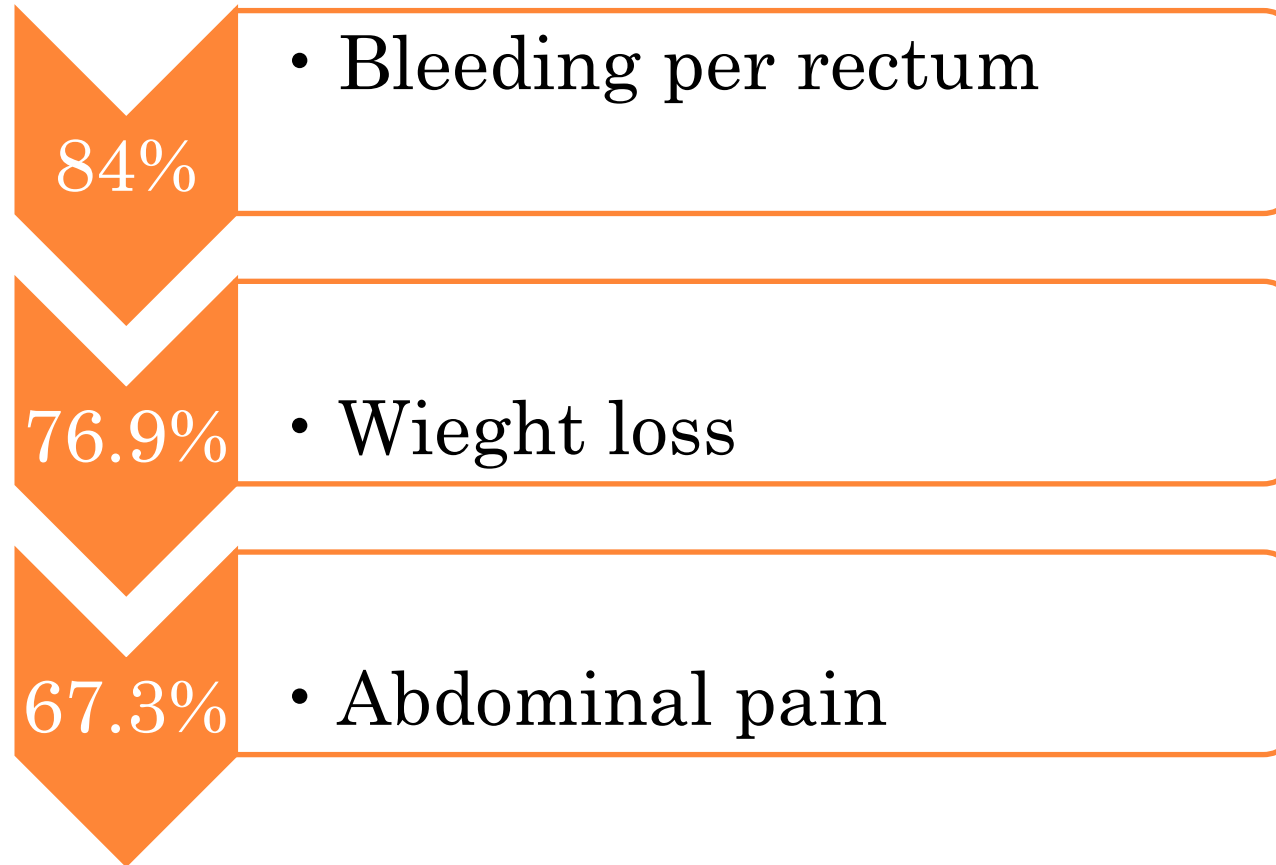




Smoking



PRESENTING SYMPTOMS AMONG GROUP A



PRESENTING SYMPTOMS IN GROUP B

81.6%

- Weight loss

72%

- Bleeding per rectum

66%

- constipation



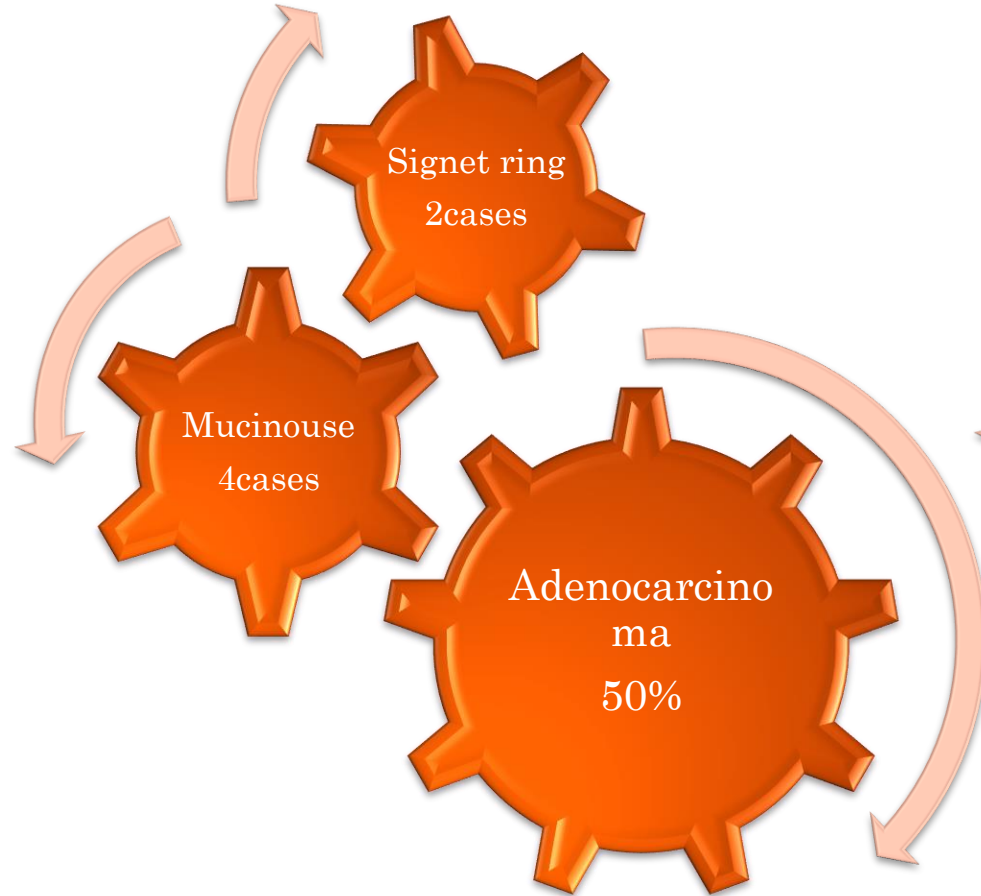
WAY OF DIAGNOSIS * AGE CATEGORY CROSSTABULATION

COUNT

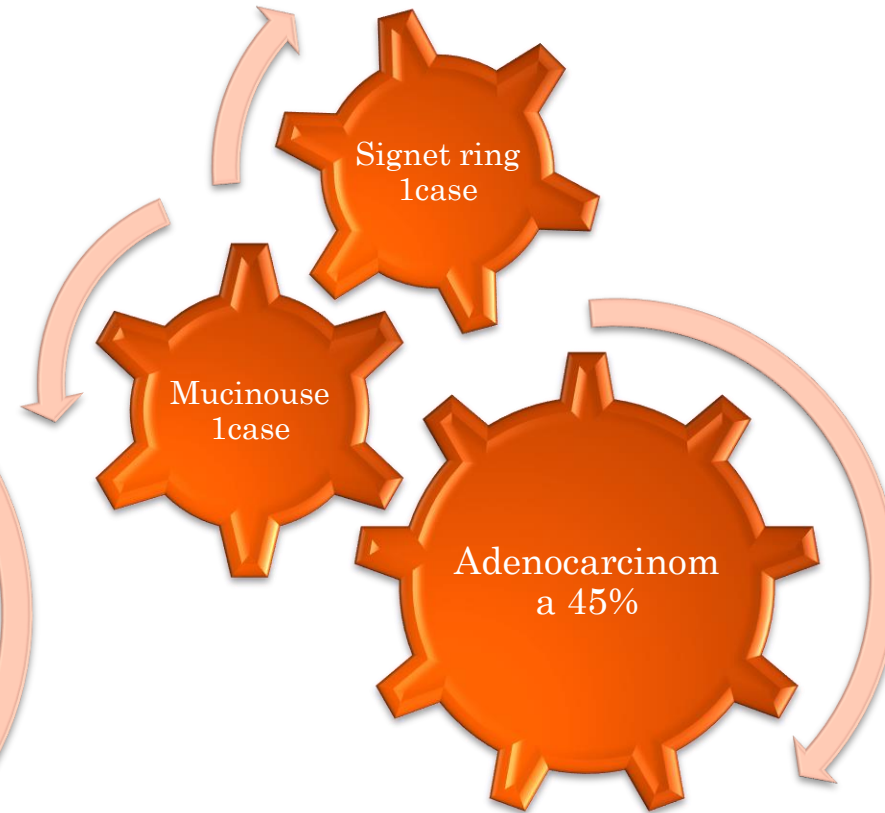
		AGE CATEGORY		
		LESS THAN 50	MORE THAN 50	TOTAL
WAY OF DIAGNOSIS	ENROLLED IN SCREENING PROGRAM	0	1	1
	BY INVESTIGATION ACCORDING TO PRESENTATIONS	41	33	74
	ACCIDENTALLY	5	5	10
	EMERGENCY	6	9	15
	TOTAL	52	48	100

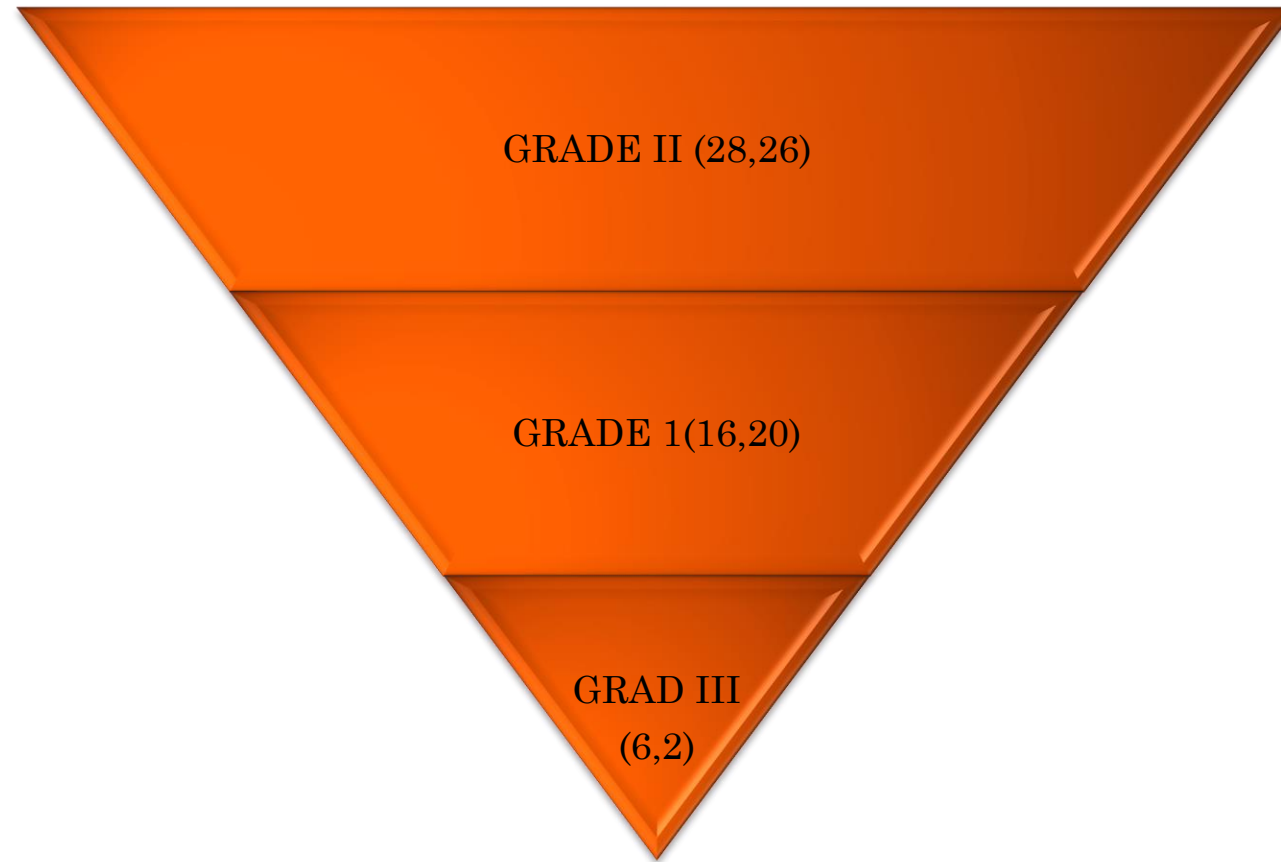


GROUP A

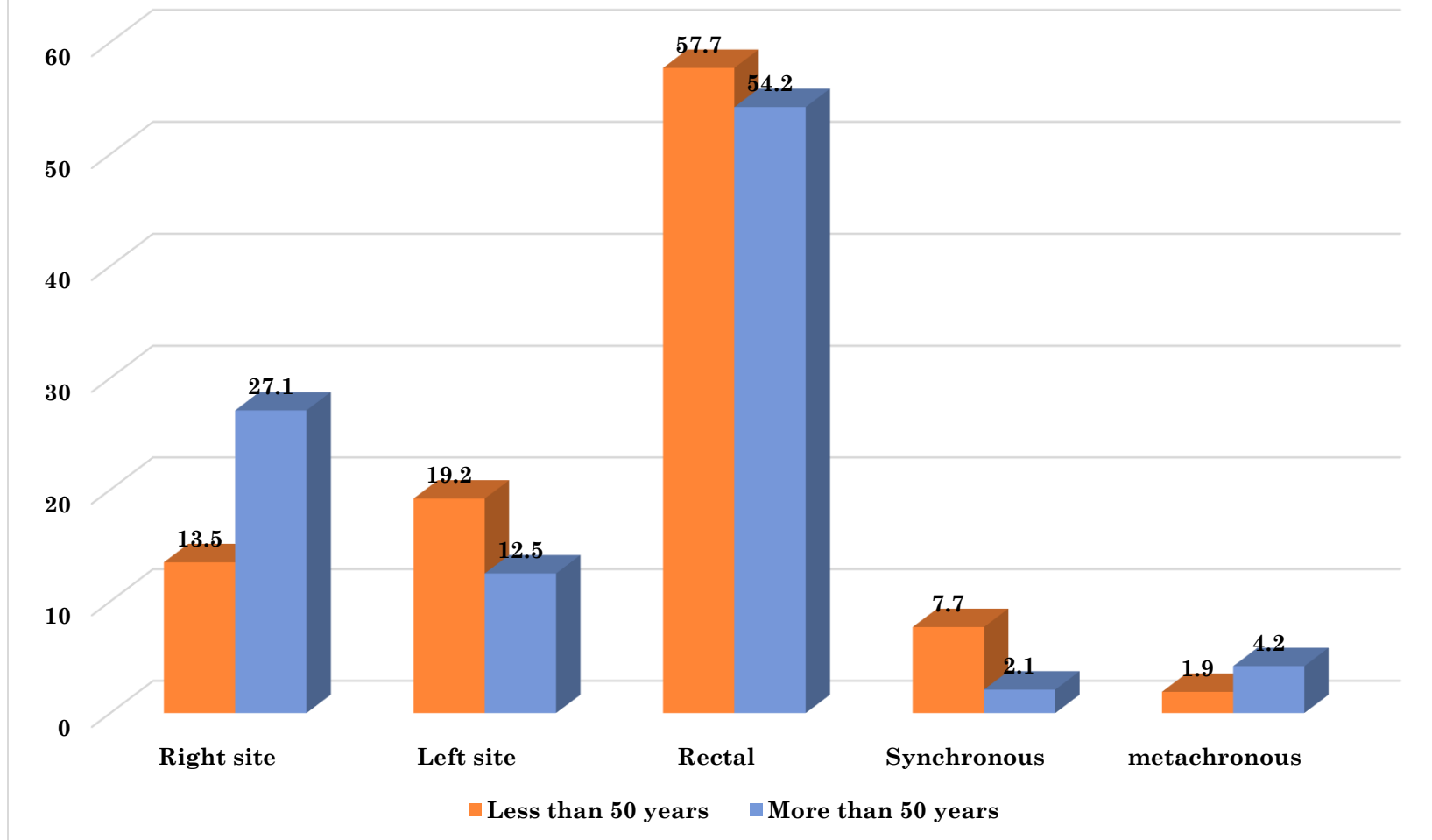


GROUP B

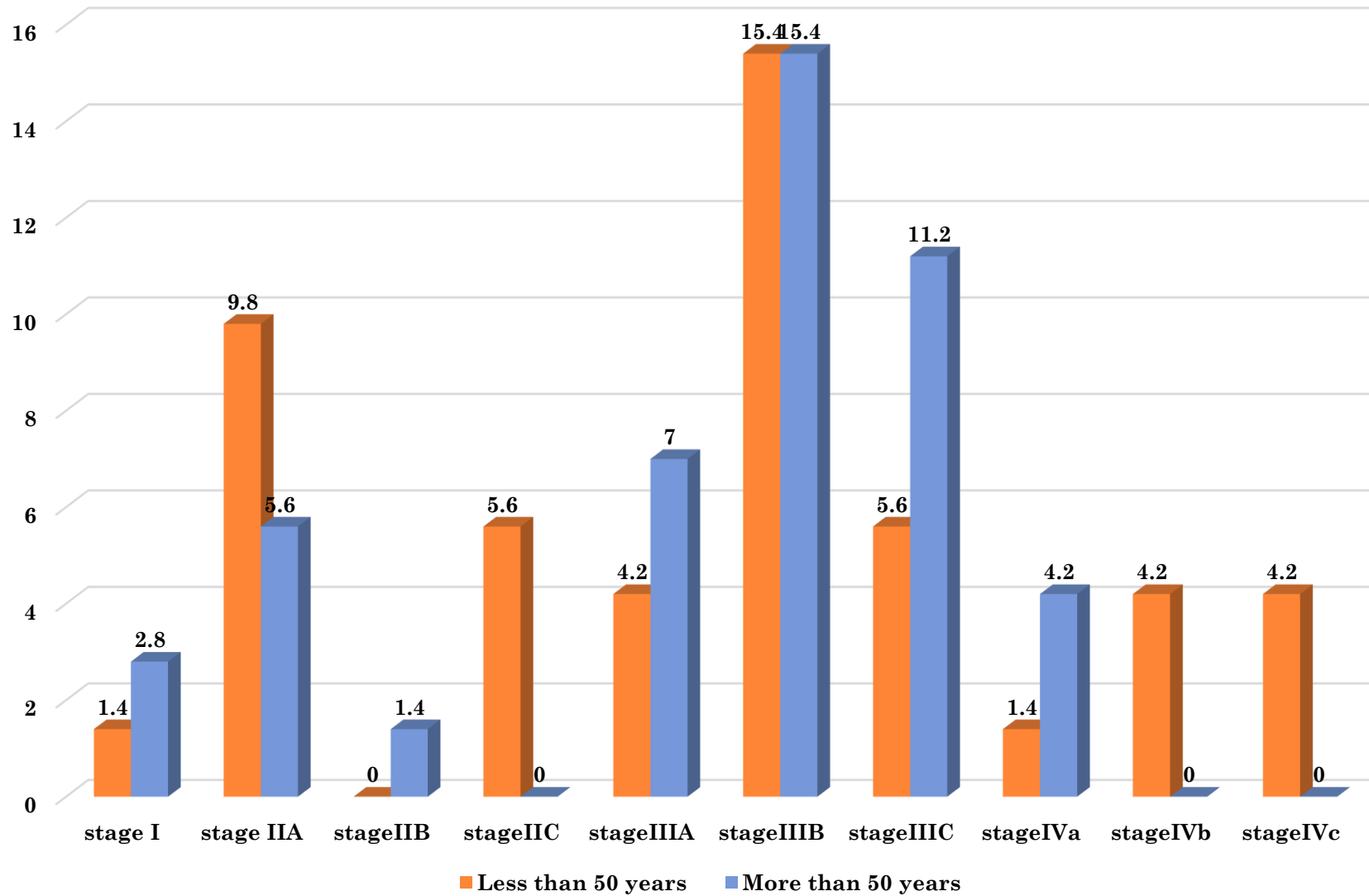




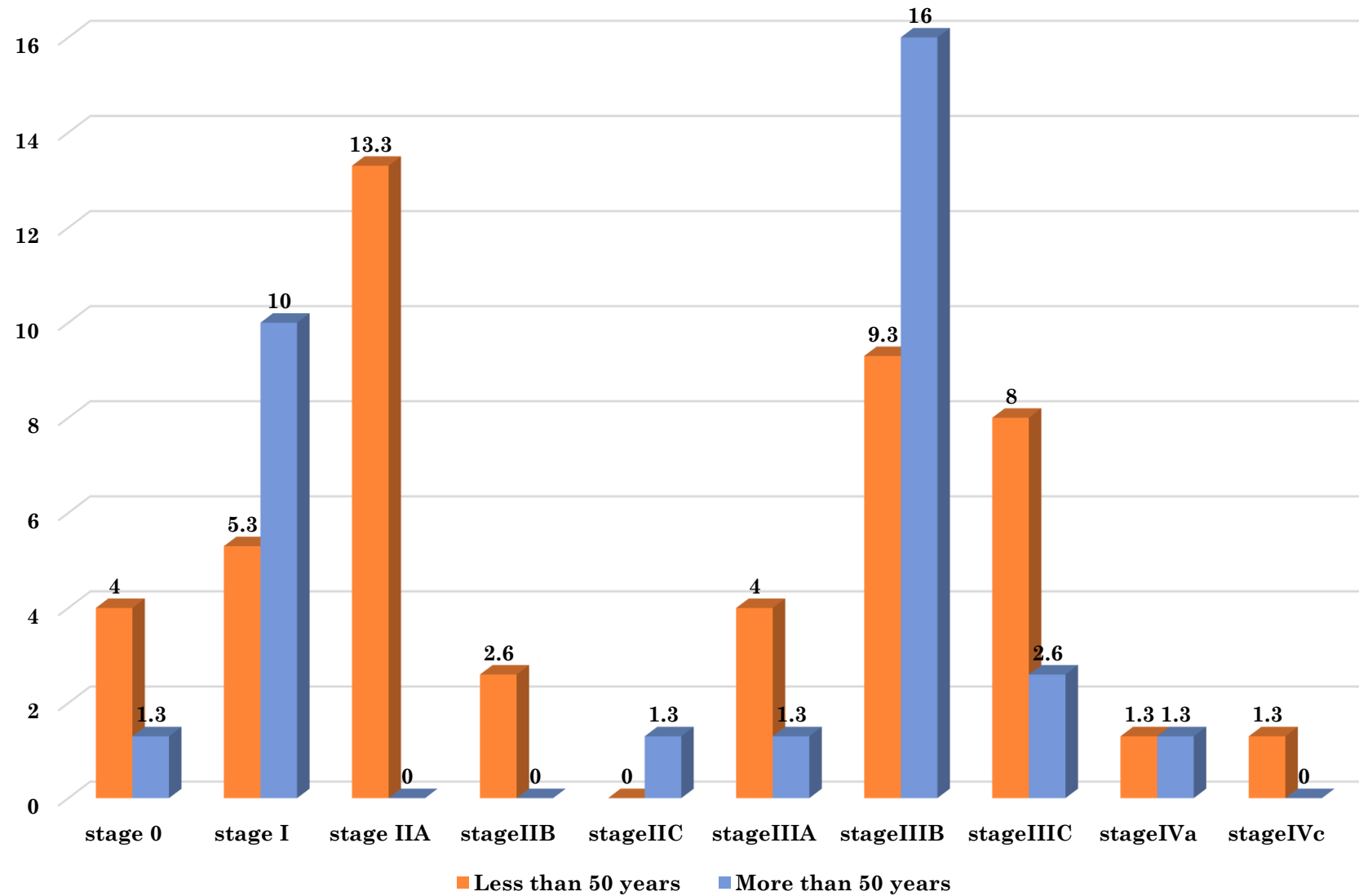
Site of Cancer



Radiological staging



Histopathological TNMstage



CONCLUSION:

- Early onset CRC in Sudan has been rising
- They do presents with remarkable symptoms and signs
- Most of young adults colorectal cancer are sporadic
- The most predicted symptoms is bleeding per rectum
- Rectal cancer followed by left side CRC are the commonest site.
- They present with an advanced radiological stage.
- Grad II Adinocarcinoma is the most detected histological type.



Thank you

