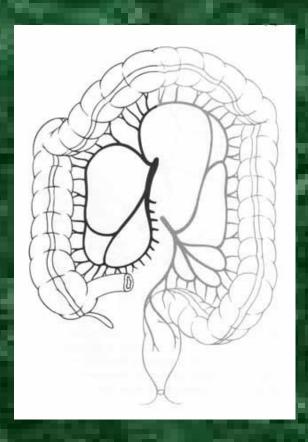


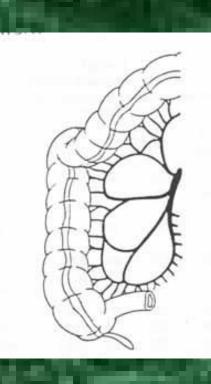


Implications for laparoscopic colectomy

- Intracorporeal vessel ligation
- Inability to palpate
- Oncologic resection

Which is the 'normal'?





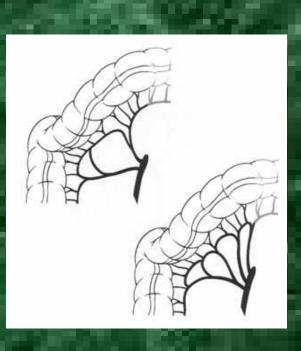


Table 1.
Incidence of Colic Arteries Arising from Superior
Mesenteric Artery* (Literature Review)

Author	Year	n	lleocolic Artery	Right Colic Artery	Middle Colic Artery	
Sonneland et al. 18	1958	600	100	29	96	
Steward and Rankin ¹⁹	1933	40	100	40	95	
VanDamme and Bonte ²³	1990	156	100	13	99	
Basmajian ³⁷	1955	45	100	38	82	
Jamieson and Dobson ³⁹	1909	23	100	?	?	
Michels ⁴²	1965	400	100	38	78	
Nelson et al.43	1988	50	100	34	97	
Present study	1996	56	100	10.7	98.2	

Values noted are percentages.

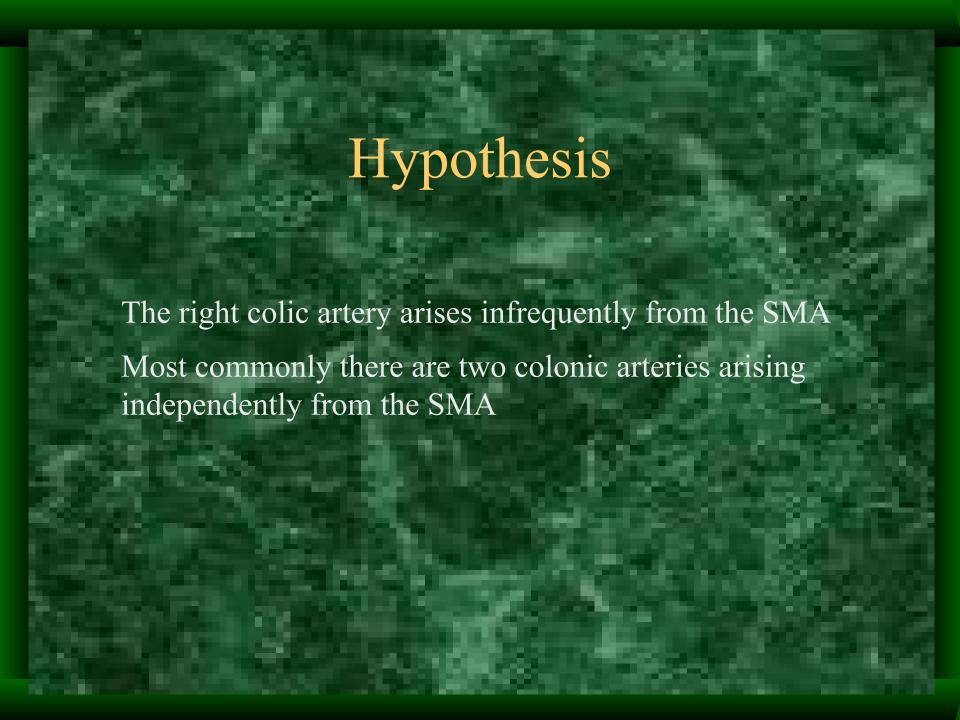
Table 2.

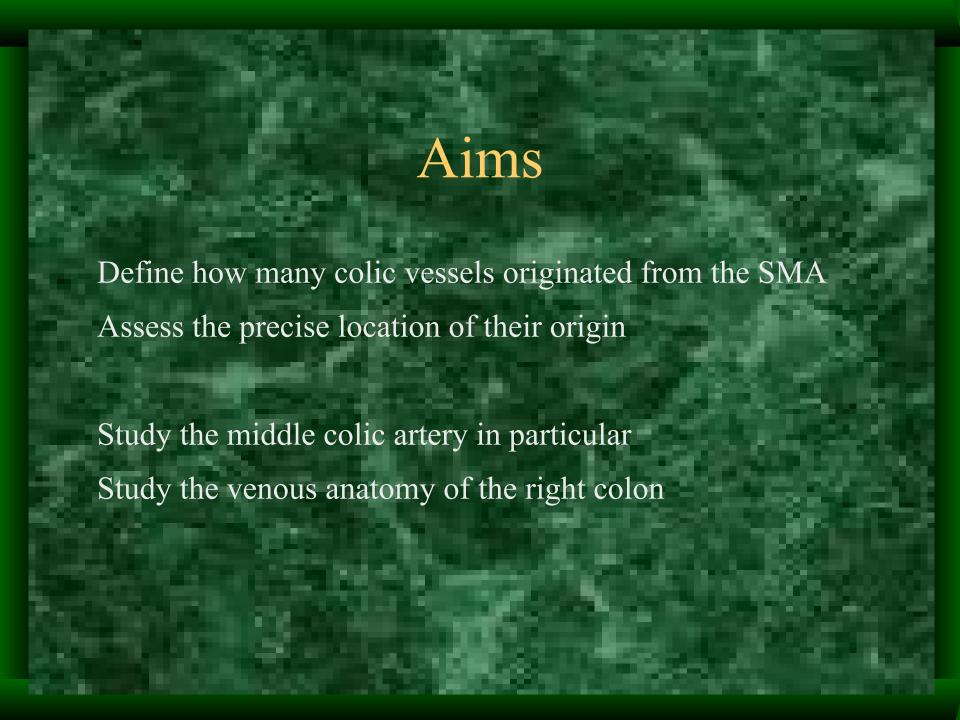
No. of Colic Arteries Arising from Superior Mesenteric

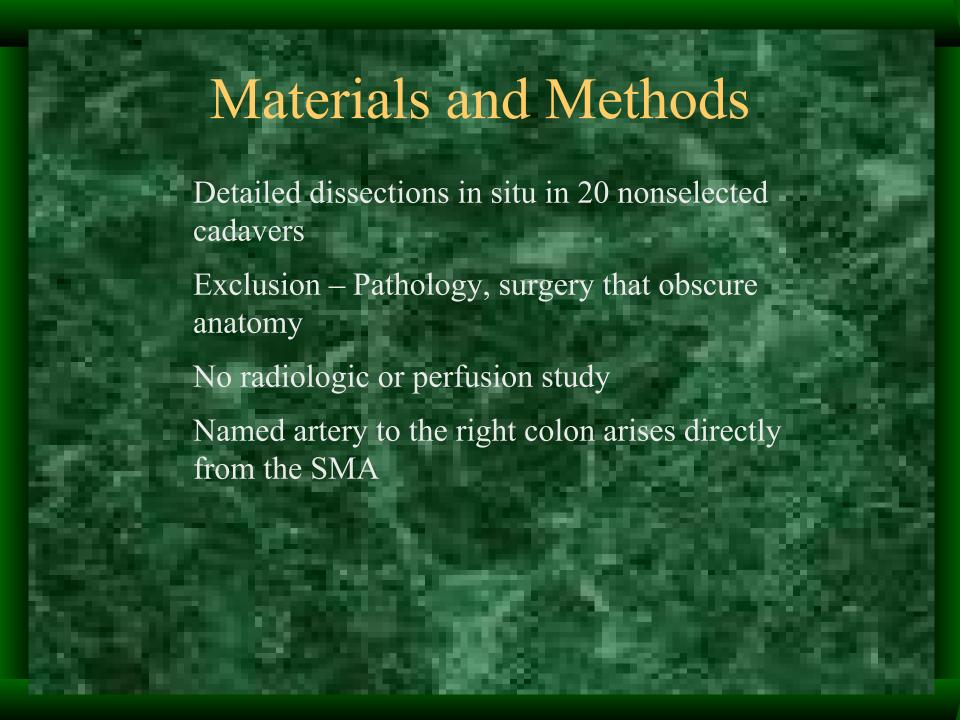
Artery* (Literature Review)

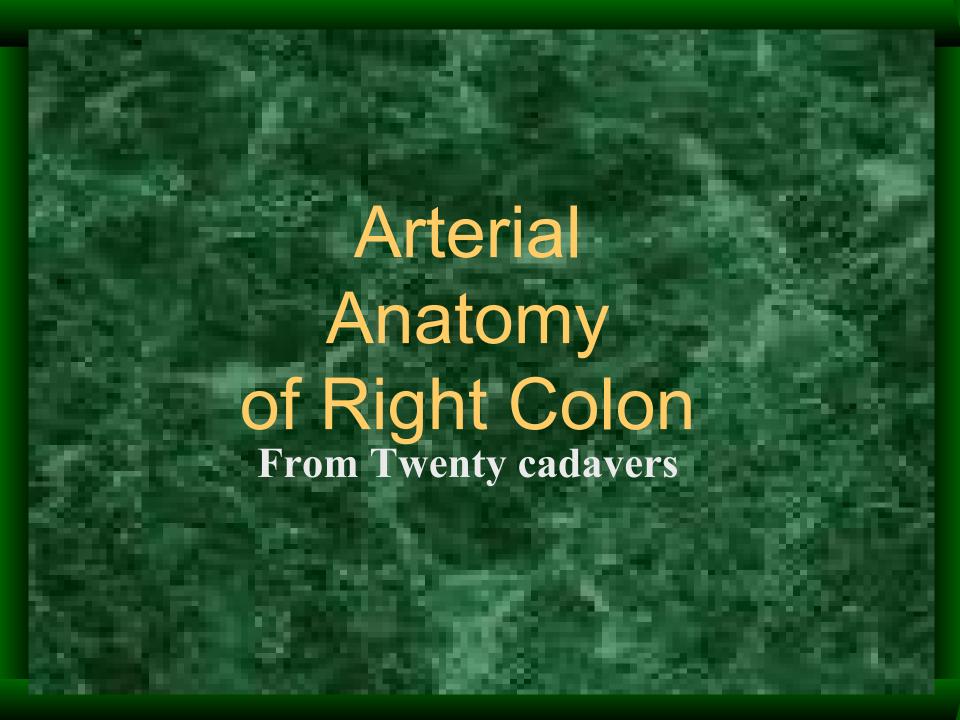
Author	Year	n	1	2	- 3	4
Sonneland et al. 18	1958	600	1.8	66.6	30.9	1.2
Steward and Rankin ¹⁹	1933	40	?	60	?	?
Basmajian ³⁷	1955	45	0	64.4	31.1	4.5
Jamieson and Dobson ³⁹	1909	23	?	>50	<50	?
Present study	1996	56	0	89.3	10.7	0

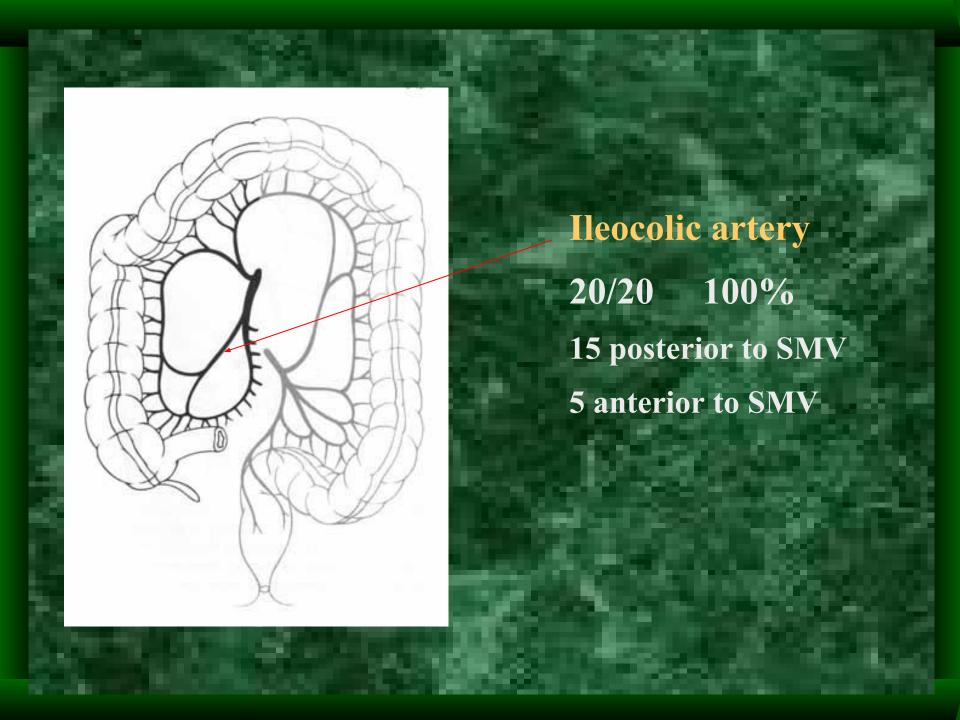
Values noted are percentages.

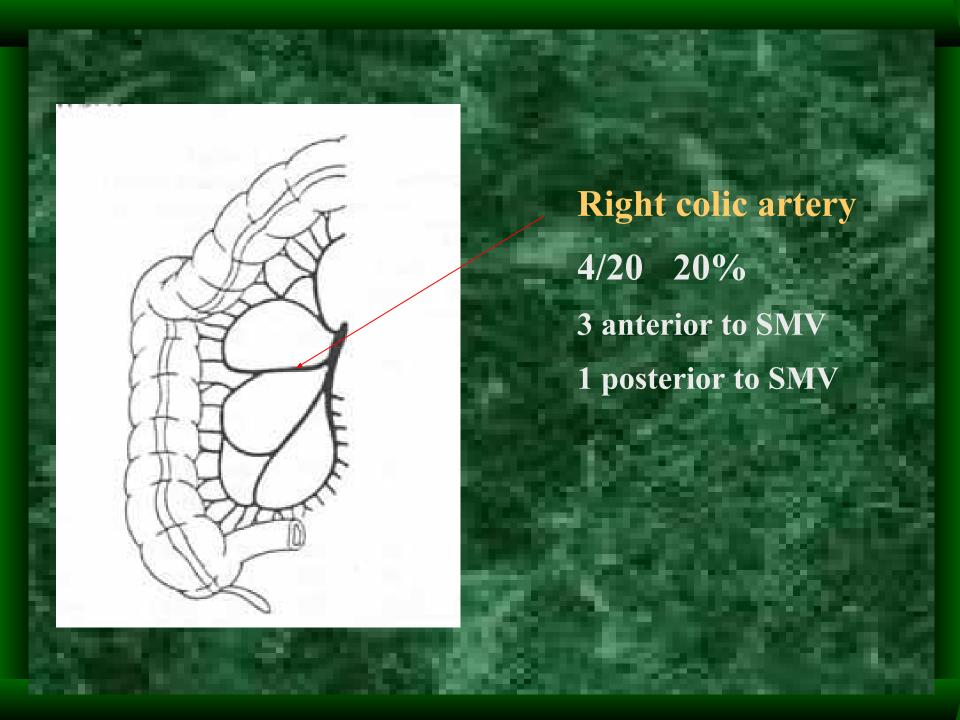


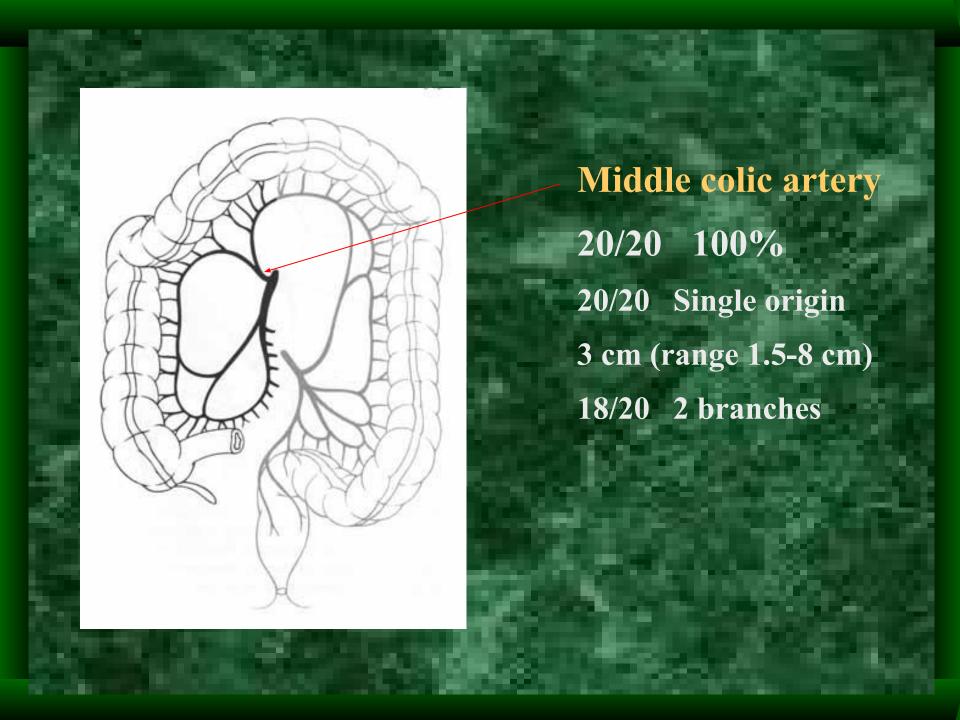


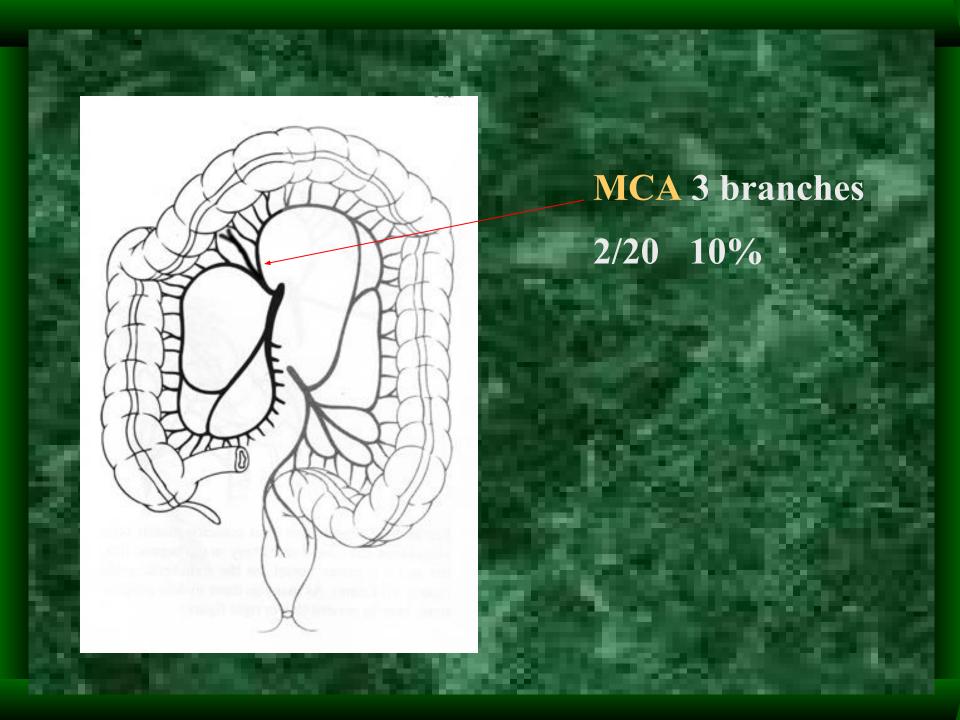


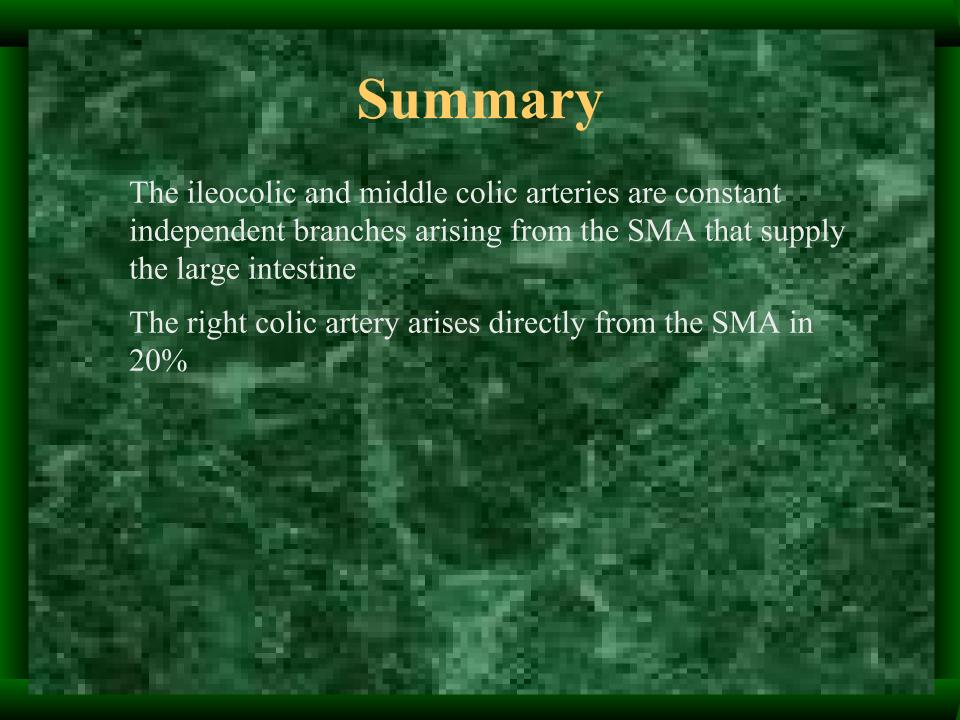


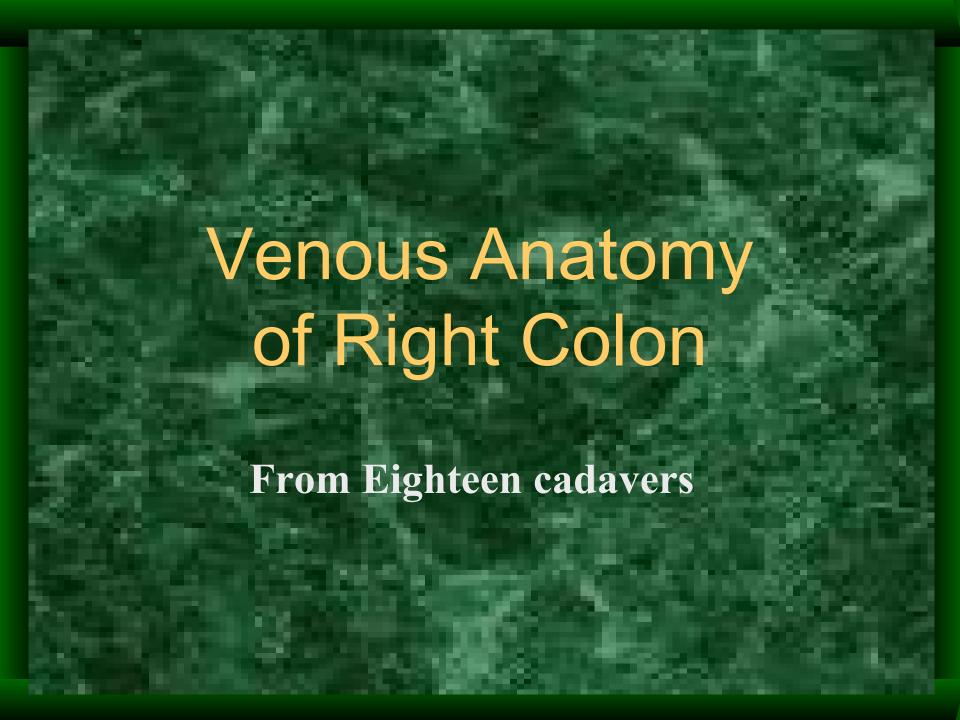






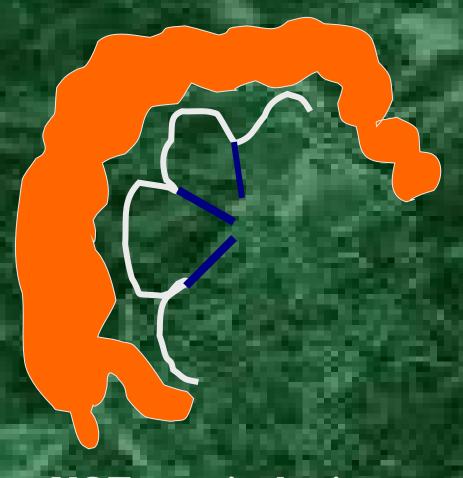






Definition

- 1) Middle colic vein: From Transverse colon
- 2) Right colic vein:
 From Ascending
 colon
- 3) Ileocolic vein:
 From Terminal ileum



NOT marginal veins



Right Colic Vein

Number 0 : 8/18

44.4%

1: 10/18

55.6%

RCV to SMV: 4/18

22.2%

GCT: 6/18

33.3%



Number 61.1%

33.3%

6.0%

1 : 11 /18

2 : 6 /18

3 : 1 /18

Middle Colic Vein

Main MCV existence 18/18 100%

to SMV: 16/18 88.9%

GCT: 2/18 11.1%

Acc MCV existence 7/18 38.9%

to SMV: 2/18 11.1%

GCT: 6/18 33.3%

(overlapped case :



Existence 14/18 77.8%

From
MCV main 2/18
MCV acc. 6/18
RCV 6/18

2/18 11.1%6/18 33.3%6/18 33.3%

Summary n=18

