

**Multi-Institutional Registry of Large Bowel Cancer
in Japan**

**Vol. 13
Cases treated in 1987**

Japanese Society for Cancer of the Colon and Rectum

Preface

This is the thirteenth issue of the Multi-Institutional Registry of Large Bowel Cancer in Japan. The registry started in 1980 as a task of the Japanese Society for Cancer of the Colon and Rectum (JSCCR).

In this series, of a total of 4,596 patients on file in 111 member institutes of JSCCR, 4,492 were found to have undergone initial treatment for histologically confirmed malignant neoplasms during the period from January 1 to December 31, 1987, and were available for analysis. All contents and items reported herein are identical to those of the previously published issues (i.e. from Vol. 1 through Vol. 9 and Vol. 11) .

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Japanese Society for Cancer of the Colon and Rectum

President: Masayuki Yasutomi M.D.

Chairman, Registry Committee: Yasuo Koyama M.D.

Data manager, Registry Committee: Kenjiro Kotake M.D.

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1 Patients registered

Number of registered patients by institutes

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Aichi Cancer Center Hospital	Dpt GE Surg	95	94	52	42
Aichi Medical University	Dpt Surg I	23	23	7	16
Akita Red Cross Hospital		12	11	7	4
Akita University School of Medicine	Dpt Surg I	39	39	30	9
Aomori city Hospital	Dpt Surg	43	42	22	20
Cancer Institute Hospital	Dpt Surg	70	67	33	34
Chiba Cancer Center	Dpt GI Surg	30	29	14	15
Dokkyo University School of Medicine	Dpt Surg I	21	20	13	7
Dokkyo University School of Medicine	Dpt Surg II	17	17	10	7
Faculty of Medicine, Kagoshima University	Dpt Surg I	14	14	6	8
Faculty of Medicine, Kyushu University	Dpt Surg II	34	34	20	14
Faculty of Medicine, University of Tokyo	Dpt Surg I	38	38	22	16
Fujieda City, Shida Hospital	Dpt Surg	36	32	14	18
Fujita Health University School of Medicine	Dpt Surg (Miura)	22	22	13	9
Fukui Prefectural Hospital	Dpt Surg	84	82	49	33
Fukuoka University, Tsukushi Hospital	Dpt Surg	26	25	14	11
Fukushima Medical College	Dpt Surg II	14	14	9	5
Gihoku General Hospital	Dpt Surg	24	23	13	10
Gunma Cancer Center	Dpt Surg	30	30	14	16
Gunma University School of Medicine	Dpt Surg I	37	37	22	15
Hamamatsu University School of Medicine	Dpt Surg II	27	27	15	12
Hiraga General Hospital	Dpt Surg	33	32	18	14
Hirosaki University, School of Medicine	Dpt Surg II	39	39	22	17
Hirosaki University, School of Medicine	Dpt IM	4	2	2	0
Hiroshima University School of Medicine	Dpt Surg II	37	37	23	14
Hokkaido University, School of Medicine	Dpt Surg I	33	33	17	16
Hokuriku Central Hospital of the Mutual Aid Association of Public School Teachers	Dpt Surg	12	12	9	3
Iwakuni National Hospital	Dpt Surg	34	31	22	9
Iwate Medical University, School of Medicine	Dpt Surg I	48	48	31	17
Jichi Medical School, School of Medicine	Dpt GI Gen Surg	53	49	27	22
Juntendo University, School of Medicine	Dpt Surg I	87	86	52	34
Kanto Rosai Hospital		25	24	17	7
Kariya General Hospital.		41	41	28	13
Kasukabe City Hospital	Dpt Surg	22	20	8	12
Kawasaki City Ida Hospital	Dpt Surg	29	29	16	13
Kawasaki Medical School	Dpt GE Surg	57	55	29	26
Kinki University School of Medicine	Dpt Surg I	54	53	31	22
Kitakyushu Municipal Medical Center	Dpt Surg	3	3	1	2
Kitasato University, East Hospital	Dpt Surg	79	77	54	23
Kobe National Hospital		25	24	14	10
Kobe University School of Medicine	Dpt Surg I	25	25	12	13
Kumamoto Municipal Hospital		55	53	25	28
Kumamoto University, Medical School	Dpt Surg II	21	21	12	9
Kurume University, School of Medicine	Dpt Surg I	90	90	48	42
Kyoto Prefectural University of Medicine	Dpt Surg II	27	27	15	12
Mito Kyodo General Hospital	Dpt Surg	25	25	14	11
Mitsui Memorial Hospital	Dpt Surg	65	64	38	26
Miyagi Seijinbyo Center	Dpt Surg	47	47	23	24

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Nagasaki University, School of Medicine	Dpt Surg I	37	37	21	16
Nagoya University School of Medicine	Dpt Surg II	26	26	15	11
Nara Medical University	Dpt Surg I	25	23	15	8
National Cancer Center Hospital	Dpt Surg	142	142	76	66
National Defense Medical College	Dpt Surg I	85	83	51	32
National Kyushu Cancer Center	Dpt GE Surg	54	53	30	23
National Kyushu Medical Center Hospital		79	77	41	36
National Okura Hospital	Dpt Surg	35	35	17	18
National Sapporo Hospital Hokkaido Cancer Center	Dpt Surg	49	49	25	24
National Tochigi Hospital	Dpt Surg	10	10	8	2
Nihon University, School of Medicine	Dpt Surg III	45	44	26	18
Niigata University School of Medicine	Dpt Surg I	43	42	29	13
Nippon Medical School	Dpt Surg I	69	68	40	28
Nogaki Hospital	Dpt Surg	27	27	16	11
Oita Medical University	Dpt Surg I	14	14	10	4
Okayama 1st Red Cross Hospital	Dpt Surg	47	44	26	18
Okayama University, Medical School	Dpt Surg I	20	20	12	8
Okayama University, Medical School	Dpt Surg II	8	8	2	6
Oomoto Hospital		21	20	13	7
Osaka National Hospital	Dpt Surg	128	128	81	47
Osaka Teishin Hospital	Dpt Surg	36	34	24	10
Red Cross Sendai Hospital	Dpt Surg	19	18	10	8
Research Institute for Nuclear Medicine and Biology, Hiroshima University	Dpt Surg	15	14	7	7
Saga Prefectural Hospital, Koseikan		63	62	29	33
Saitama Medical School	Dpt Surg II	21	21	4	17
Sapporo Medical College	Dpt Surg I	49	49	32	17
Sapporo Social Insurance General Hospital	Dpt Surg	3	3	2	1
School of Medicine Gifu University	Dpt Surg II	33	32	20	12
School of Medicine, Kanazawa University	Dpt Surg I	3	3	3	0
School of Medicine, Keio University	Dpt Surg	69	64	42	22
School of Medicine, Kitasato University	Dpt Surg	6	6	2	4
School of Medicine, Mie University	Dpt Surg II	59	58	41	17
School of Medicine, Tokai University	Dpt Surg II	54	54	30	24
Sendai Medical Center Open Hospital		71	69	50	19
Sendai National Hospital	Dpt Surg	48	47	25	22
Shiga University of Medical Science	Dpt Surg I	25	25	15	10
Shimada Municipal Hospital	Dpt Surg	37	33	17	16
Showa University, Toyosu Hospital	Dpt Surg	9	9	6	3
St.Marianna University School of Medicine	Dpt Surg I	21	21	14	7
St.Marianna University School of Medicine	Dpt Surg II	23	23	13	10
Tachikawa Kyosai Hospital	Dpt Surg	42	42	27	15
Takano Hospital Coloproctology Center		172	166	106	60
Teikyo University School of Medical	Dpt Surg I	22	22	13	9
Teikyo University School of Medicine	Dpt Surg II	23	23	16	7
The 2nd Tokyo National Hospital	Dpt Surg	28	28	15	13
The Institute of Medical Science, The University of Tokyo	Dpt Surg	6	6	4	2

Institute	Department	No. of registered	No. of cases analyzed	
			Total	Male Female
The Jikei University, School of Medicine, Third Hospital	Dpt Surg	30	30	20 10
Tochigi Cancer Center		31	31	20 11
Toho University School of Medicine	Dpt Surg I	49	45	30 15
Tohoku University, School of Medicine	Dpt Surg I	61	59	33 26
Tokyo Kyosai Hospital	Dpt Surg	70	66	49 17
Tokyo Medical and Dental University, School of Medicine	Dpt Surg I	29	29	19 10
Tokyo Medical and Dental University, School of Medicine	Dpt Surg II	34	34	19 15
Tokyo Metropolitan Cancer Detection Center		4	4	2 2
Tokyo Metropolitan Komagome Hospital	Dpt Surg	88	86	55 31
Tokyo Women's Medical College	Dpt Surg II	47	47	21 26
Toranomon Hospital	Dpt GI Surg	119	117	77 40
Tottori University, Faculty of Medicine	Dpt Surg I	40	39	24 15
Wakayama Medical College	Dpt GE Surg	24	22	13 9
Yaizu Municipal Hospital	Dpt Surg	29	27	16 11
Yamagata Prefectural Central Hospital	Dpt Surg	108	107	52 55
Yamanashi Medical University	Dpt Surg I	31	26	17 9
Yokohama City University, School of Medicine	Dpt Surg II	75	74	47 27
Total		4,596	4,492	2,642 1,850

Cases with the following items omitted were excluded from analysis.

- 1) Histological features.
- 2) Date of birth.
- 3) Date of treatment.
- 4) Sex.
- 5) Location of tumor.

Abbreviation

Dept: Department, GI: Gastrointestinal, GE: Gastroenterological, Gen: General, IM: Internal Medicine,

Surg: Surgery

2 Patients analyzed

2-1 Histological type, site and sex

Histological type	Site	Total No.	Sex	
			Male	Female
Adenocarcinoma ^{a)}	Colon	2,344	1,338	1,006
	Rectum	2,081	1,268	813
Other malignancies ^{b)}	Colon	18	8	10
	Rectum	49	28	21
Total		4,492	2,642	1,850

a): well-, moderately and poorly differentiated adenocarcinoma, mucinous carcinoma and signet ring cell carcinoma.

b): carcinomas other than adenocarcinoma and non-epithelial malignant neoplasms.

2-2 Histological type, site and surgical treatment

Histological type	Site	Surgery ^{a)}			Total
		Yes		No	
Adenocarcinoma	Colon	2,341	[67] ^{b)}	3	2,344
	Rectum	2,078	[23]	3	2,081
	Total	4,419	[90]	6	4,425
Other malignancies	Colon	18	[0]	0	18
	Rectum	49	[0]	0	49
	Total	67	[0]	0	67
Total		4,486	[90]	6	4,492

a): Includes cryosurgery and electric cautery.

b): The figures in parentheses represent the number of patients treated solely by endoscopic polypectomy, and those are included in the number in the left column.

3 Modality of principal treatment

Modality ^{a)}	Total	%	Colon	Rectum
No definitive treatment	10	0.2	5	5
Endoscopic polypectomy	91	2.0	63	28
Surgery	4,379	97.5	2,290	2,089
Cryosurgery	1	0.02	0	1
Electric cautery therapy	0	0	0	0
Radiation	2	0.04	0	2
Chemotherapy	9	0.2	4	5
Other modalities	0	0	0	0
Total	4,492	100	2,362	2,130

a): modalities regarded as the most effective and beneficial treatment for cancer.

4 Age incidence

4-1 Male

Site	Total	Age							
		≤ 19	≤ 29	≤ 39	≤ 49	≤ 59	≤ 69	≤ 79	80≥
I	3	0	0	1	0	0	1	1	0
V	3	0	1	0	0	0	0	1	1
C	108	0	2	2	14	21	25	38	6
A	230	0	0	5	17	53	67	69	19
T	181	0	1	8	19	39	66	42	6
D	118	0	3	1	13	29	41	23	8
S	703	0	2	14	51	213	225	158	40
Colon	1,346	0	9	31	114	355	425	332	80
Rs	305	0	0	6	31	76	92	71	29
Ra	379	3	2	8	33	102	116	97	18
Rb	575	0	3	16	71	165	187	107	26
P	35	0	0	1	3	11	14	5	1
E	2	0	0	0	0	1	0	1	0
Rectum	1,296	3	5	31	138	355	409	281	74
Total	2,642	3	14	62	252	710	834	613	154

4-2 Female

Site	Total	Age							
		≤ 19	≤ 29	≤ 39	≤ 49	≤ 59	≤ 69	≤ 79	80≥
I	1	0	0	0	0	0	0	1	0
V	9	0	0	0	0	2	6	1	0
C	115	1	0	2	7	24	39	36	6
A	225	0	2	2	23	54	66	66	12
T	147	0	1	6	14	36	35	46	9
D	64	0	0	4	9	19	20	12	0
S	455	0	1	18	63	129	131	84	29
Colon	1,016	1	4	32	116	264	297	246	56
Rs	204	0	1	8	19	59	63	39	15
Ra	240	0	3	5	38	67	74	43	10
Rb	365	0	0	16	56	105	92	75	21
P	23	0	0	1	3	6	5	6	2
E	2	0	0	0	0	0	1	1	0
Rectum	834	0	4	30	116	237	235	164	48
Total	1,850	1	8	62	232	501	532	410	104

Colon: I, ileum; V, vermiform processus; A, ascending colon; T, transverse colon; D, descending colon; S, sigmoid colon., Rectum: Rs, rectosigmoid; Ra, rectum above the peritoneal reflection; Rb, rectum below the peritoneal reflection; P, proctos; E, external skin. NOS: Not otherwise specified. (Also in Table 5 through 12.)

5 Gross appearance of primary lesion

5-1 Adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Unclassified	Unknown
I	2	0	0	1	0	0	1	0
V	11	1	2	1	1	0	4	2
C	219	17	29	122	36	2	6	7
A	453	21	44	298	71	0	3	16
T	325	24	34	210	43	1	3	10
D	180	24	13	117	15	3	3	5
S	1,154	172	121	709	108	10	13	21
Colon	2,344	259	243	1,458	274	16	33	61
Rs	508	48	43	324	70	9	2	12
Ra	612	73	53	403	69	4	3	7
Rb	915	115	80	593	91	9	7	20
P	44	3	4	22	10	1	2	2
E	2	0	0	1	0	0	1	0
Rectum	2,081	239	180	1,343	240	23	15	41
Total	4,425	498	423	2,801	514	39	48	102

5-2 Malignant neoplasms other than adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Unclassified	Unknown
I	2	0	0	2	0	0	0	0
V	1	0	0	0	0	0	1	0
C	4	0	0	2	2	0	0	0
A	2	0	0	1	1	0	0	0
T	3	2	1	0	0	0	0	0
D	2	0	0	2	0	0	0	0
S	4	1	0	3	0	0	0	0
Colon	18	3	1	10	3	0	1	0
Rs	1	0	1	0	0	0	0	0
Ra	7	1	4	2	0	0	0	0
Rb	25	8	4	6	3	2	0	2
P	14	0	3	5	5	0	1	0
E	2	1	1	0	0	0	0	0
Rectum	49	10	13	13	8	2	1	2
Total	67	13	14	23	11	2	2	2

Macroscopic classification of the tumor based on [Japanese Research Society for Cancer of the Colon and Rectum(JRSCCR): General rules for clinical and pathological studies on cancer of the colon, rectum and anus. Japanese Journal of Surgery 13:557-573, 1983.]

6 Histological typing

6-1 Adenocarcinoma

Site	Total	w/d	m/d	p/d	muc	sig	NOS
I	2	0	2	0	0	0	0
V	11	4	0	0	7	0	0
C	219	108	72	15	17	0	7
A	453	206	176	28	36	1	6
T	325	169	110	24	17	0	5
D	180	107	54	8	5	1	5
S	1,154	678	402	19	22	1	32
Colon	2,344	1,272	816	94	104	3	55
Rs	508	287	184	14	11	0	12
Ra	612	339	227	15	14	2	15
Rb	915	476	349	32	32	4	22
P	44	12	16	5	10	0	1
E	2	1	1	0	0	0	0
Rectum	2,081	1,115	777	66	67	6	50
Total	4,425	2,387	1,593	160	171	9	105

w/d: well-differentiated adenocarcinoma. m/d: moderately differentiated adenocarcinoma. p/d: poorly differentiated adenocarcinoma. muc: mucinous carcinoma. sig: signet ring cell carcinoma.

6-2 Malignant neoplasms other than adenocarcinoma

Site	Total	sq	as	ud	Basaloid	cd	Melanoma	Leiomyo- blastoma	Leiomyo- sarcoma	Malignant lymphoma	Others
I	2	1	0	0	0	0	0	0	0	1	0
V	1	0	0	0	0	0	0	0	0	0	1
C	4	0	0	1	0	0	0	0	0	3	0
A	2	1	1	0	0	0	0	0	0	0	0
T	3	0	0	1	0	0	0	0	0	0	2
D	2	1	1	0	0	0	0	0	0	0	0
S	4	1	1	1	0	0	0	0	0	0	1
Colon	18	4	3	3	0	0	0	0	0	4	4
Rs	1	0	0	0	0	0	0	0	0	0	1
Ra	7	1	2	1	0	2	0	0	0	0	1
Rb	25	2	2	3	0	8	1	0	3	2	4
P	14	12	0	0	1	0	1	0	0	0	0
E	2	1	0	0	1	0	0	0	0	0	0
Rectum	49	16	4	4	2	10	2	0	3	2	6
Total	67	20	7	7	2	10	2	0	3	6	10

sq: squamous cell carcinoma. as: adeno-squamous carcinoma. ud: undifferentiated carcinoma. basaloid: basaloid cell carcinoma. cd: carcinoid.

7 Operative curability

7-1 Macroscopic, male

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	0	0	0	0	1	0
V	3	2	0	0	1	0	0
C	103	55	15	4	25	4	0
A	228	139	23	8	49	6	3
T	179	117	12	7	41	2	0
D	112	81	10	1	17	1	2
S	666	430	65	35	127	5	4
Colon	1,292	824	125	55	260	19	9
Rs	300	195	27	15	55	6	2
Ra	365	248	47	16	48	3	3
Rb	549	399	45	10	81	10	4
P	29	19	1	1	7	0	1
E	2	1	0	0	1	0	0
Rectum	1,245	862	120	42	192	19	10
Total	2,537	1,686	245	97	452	38	19

7-2 Macroscopic, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	0	1	0	0	0	0
V	8	2	1	0	4	0	1
C	111	52	17	5	36	1	0
A	223	132	26	9	51	4	1
T	141	81	14	7	33	4	2
D	60	42	2	5	10	1	0
S	442	282	37	13	100	5	5
Colon	986	591	98	39	234	15	9
Rs	203	137	15	6	38	7	0
Ra	238	143	26	10	56	2	1
Rb	351	242	46	17	32	9	5
P	15	7	4	0	3	1	0
E	0	0	0	0	0	0	0
Rectum	807	529	91	33	129	19	6
Total	1,793	1,120	189	72	363	34	15

7-3 Histological, male

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	0	0	0	0	1	0
V	3	3	0	0	0	0	0
C	103	70	6	2	21	4	0
A	228	153	13	6	46	5	5
T	179	124	7	4	42	2	0
D	112	82	8	2	16	1	3
S	666	461	43	36	116	4	6
Colon	1,292	893	77	50	241	17	14
Rs	300	203	20	16	53	5	3
Ra	365	266	27	18	47	2	5
Rb	549	388	53	17	77	7	7
P	29	20	0	1	6	0	2
E	2	1	0	0	1	0	0
Rectum	1,245	878	100	52	184	14	17
Total	2,537	1,771	177	102	425	31	31

7-4 Histological, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	1	0	0	0	0	0
V	8	3	0	0	3	0	2
C	111	57	11	7	35	1	0
A	223	139	15	13	50	3	3
T	141	86	12	10	29	4	0
D	60	43	2	3	11	0	1
S	442	288	32	12	96	5	9
Colon	986	617	72	45	224	13	15
Rs	203	140	11	6	39	7	0
Ra	238	146	26	8	55	2	1
Rb	351	239	45	17	38	8	4
P	15	7	3	0	3	1	1
E	0	0	0	0	0	0	0
Rectum	807	532	85	31	135	18	6
Total	1,793	1,149	157	76	359	31	21

7-5 Histological, endoscopic polypectomy

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	0	0	0	0	0	0	0
V	0	0	0	0	0	0	0
C	4	3	0	0	0	0	1
A	2	2	0	0	0	0	0
T	3	3	0	0	0	0	0
D	8	8	0	0	0	0	0
S	46	35	10	0	0	0	1
Colon	63	51	10	0	0	0	2
Rs	5	5	0	0	0	0	0
Ra	7	6	0	0	0	0	1
Rb	14	12	2	0	0	0	0
P	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
Rectum	26	23	2	0	0	0	1
Total	89	74	12	0	0	0	3

Minimum requirements for "curative resection" are as follows

- 1) No metastasis in the liver, peritoneum or extra-abdominal organs.
- 2) No cancerous infiltration in the surgical margin of the resected specimen.

When the minimum requirements for curative resection are not met, the operation is classified as "non-curative resection."

"Absolute" and "relative" categories are determined by the extent of lymph node dissection and assessment of the lymph node metastasis.

Refer to the general rules of "JRSCCR" for the details on terminology and classification used in this report.

(See footnote to Table 5-1)

8 Hepatic metastasis

Adenocarcinoma, surgical cases

Site	Total	H0	H1	H2	H3	Unknown
I	2	2	0	0	0	0
V	11	11	0	0	0	0
C	214	185	10	6	12	1
A	451	392	15	17	24	3
T	320	272	18	7	21	2
D	172	157	5	4	6	0
S	1,108	915	48	46	89	10
Colon	2,278	1,934	96	80	152	16
Rs	503	436	21	8	36	2
Ra	603	524	33	19	26	1
Rb	900	813	23	18	24	22
P	44	38	2	2	1	1
E	2	2	0	0	0	0
Rectum	2,052	1,813	79	47	87	26
Total	4,330	3,747	175	127	239	42

H0: No evidence of liver metastasis.

H1: Metastases in one lobe only.

H2: A few scattered metastases in both lobes.

H3: Numerous metastases in both lobes.

9 Peritoneal disseminating metastasis

Adenocarcinoma, surgical cases

Site	Total	P0	p+	P1	P2	P3	Unknown
I	2	2	0	0	0	0	0
V	11	8	0	2	0	1	0
C	214	174	2	12	11	14	1
A	451	389	2	16	13	28	3
T	320	284	0	11	9	14	2
D	172	156	1	4	4	7	0
S	1,108	1,016	1	41	27	17	6
Colon	2,278	2,029	6	86	64	81	12
Rs	503	454	2	26	10	9	2
Ra	603	569	0	20	8	3	3
Rb	900	848	1	10	6	5	30
P	44	42	0	1	0	0	1
E	2	2	0	0	0	0	0
Rectum	2,052	1,915	3	57	24	17	36
Total	4,330	3,944	9	143	88	98	48

P0: No evidence of peritoneal dissemination. P1: Slight dissemination in the peritoneum adjacent to the primary lesion. (It seemed to be resectable.) P2: Scattered dissemination in the peritoneum remote from the primary lesion, dissemination limited to the major omentum or to the ovary is classified as P2. P3: Marked dissemination in the remote peritoneum.

10 Metastasis to remote organs

Adenocarcinoma, surgical cases

Site	Total	M(-)	M(+)	Unknown
I	2	2	0	0
V	11	11	0	0
C	214	202	8	4
A	451	430	13	8
T	320	299	14	7
D	172	166	5	1
S	1,108	1,059	31	18
Colon	2,278	2,169	71	38
Rs	503	478	19	6
Ra	603	585	12	6
Rb	900	865	19	16
P	44	43	1	0
E	2	2	0	0
Rectum	2,052	1,973	51	28
Total	4,330	4,142	122	66

M(-): No evidence of metastasis in remote organ(s) but liver and peritoneum.

M(+): Evidence of metastases in the remote organ(s).

11 Lymph node metastasis

11-1 Macroscopic

Adenocarcinoma, surgical cases

Site	Total	N0	N1	N2	N3	N4	Nx
I	2	0	1	0	1	0	0
V	11	4	2	1	1	0	3
C	214	45	61	55	31	13	9
A	451	119	138	115	39	25	15
T	320	97	100	65	27	18	13
D	172	62	62	31	5	8	4
S	1,108	417	332	214	68	52	25
Colon	2,278	744	696	481	172	116	69
Rs	503	195	157	89	20	31	11
Ra	603	249	207	88	31	22	6
Rb	900	421	236	152	31	18	42
P	44	23	8	6	1	3	3
E	2	1	0	0	1	0	0
Rectum	2,052	889	608	335	84	74	62
Total	4,330	1,633	1,304	816	256	190	131

11-2 Histological

Adenocarcinoma, surgical cases

Site	Total	n0	n1	n2	n3	n4	nx
I	2	0	1	0	0	0	1
V	11	7	1	0	0	0	3
C	214	92	52	26	19	10	15
A	451	234	96	60	27	10	24
T	320	185	51	35	14	9	26
D	172	99	43	15	4	2	9
S	1,108	599	241	156	23	20	69
Colon	2,278	1,216	485	292	87	51	147
Rs	503	255	122	65	11	16	34
Ra	603	327	144	65	20	15	32
Rb	900	488	170	135	24	16	67
P	44	22	10	6	1	1	4
E	2	1	0	0	1	0	0
Rectum	2,052	1,093	446	271	57	48	137
Total	4,330	2,309	931	563	144	99	284

N0: No macroscopic evidence of lymph node metastasis.

N1: Macroscopic evidence of metastasis in group 1 lymph nodes.

N2: Macroscopic evidence of metastasis in group 2 lymph nodes.

N3: Macroscopic evidence of metastasis in group 3 lymph nodes.

N4: Macroscopic evidence of metastasis in group 4 lymph nodes.

Nx: Lymph node metastasis unknown or not assessed.

n0: No histological evidence of lymph node metastasis.

n1: Histological evidence of metastasis in group 1 lymph nodes.

n2: Histological evidence of metastasis in group 2 lymph nodes.

n3: Histological evidence of metastasis in group 3 lymph nodes.

n4: Histological evidence of metastasis in group 4 lymph nodes.

nx: Lymph node metastasis unknown or not assessed.

12 Depth of invasion

12-1 Macroscopic

Adenocarcinoma, surgical cases

Site	Total	M	SM	PM	SS, A1	S, A2	Si, Ai	Unknown
I	2	0	0	0	0	0	2	0
V	11	0	0	0	1	3	6	1
C	214	8	4	14	42	80	60	6
A	451	13	9	23	104	191	97	14
T	320	9	11	26	60	152	54	8
D	172	8	9	13	41	70	26	5
S	1,108	47	95	87	244	421	187	27
Colon	2,278	85	128	163	492	917	432	61
Rs	503	14	31	40	126	204	73	15
Ra	603	29	42	59	148	238	70	17
Rb	900	47	70	159	249	240	115	20
P	44	1	4	5	11	11	10	2
E	2	0	0	2	0	0	0	0
Rectum	2,052	91	147	265	534	693	268	54
Total	4,330	176	275	428	1,026	1,610	700	115

M: Carcinoma is limited to within the mucosa.

SM: Carcinoma is limited to within the mucosa and submucosa.

PM: Carcinoma is limited to within the mucosa, submucosa and proper muscle.

SS: Carcinoma extends from the mucosa beyond the proper muscle but is not exposed on the serosal surface.

S: Carcinoma is exposed on the serosal surface.

Si: Carcinoma definitely infiltrates other organs.

At the site without serosa:

A1: Carcinoma extends beyond the proper muscle but does not penetrate deeper.

A2: Carcinoma extends beyond the proper muscle infiltrating deeper but without infiltrating other organs.

Ai: Carcinoma definitely infiltrates other organs.

12-2 Histological

Adenocarcinoma, surgical cases

Site	Total	m	sm	pm	ss, a1	s, a2	si, ai	Unknown
I	2	0	0	0	1	0	0	1
V	11	0	1	0	4	3	2	1
C	214	8	6	16	82	65	31	6
A	451	16	8	17	194	164	40	12
T	320	6	14	28	130	106	26	10
D	172	10	11	14	83	44	8	2
S	1,108	48	103	107	446	304	82	18
Colon	2,278	88	143	182	940	686	189	50
Rs	503	19	29	48	186	170	33	18
Ra	603	37	41	82	225	182	30	6
Rb	900	59	80	225	226	234	51	25
P	44	1	4	9	7	16	6	1
E	2	0	0	1	1	0	0	0
Rectum	2,052	116	154	365	645	602	120	50
Total	4,330	204	297	547	1,585	1,288	309	100

Definition and classification of "depth of invasion" are equally applicable to histological findings.

Use small letter (i.e., m, sm, pm, ss/ a1), s/ a2), si/ ai) to represent histological findings.

13 Surgical procedures

Adenocarcinoma, surgical cases

No. of cases		No. of cases	
Nonresection		Right colectomy	700
Laparotomy only	1	Transversectomy	137
Enterostomy		Descending colectomy	50
ileum	4	Left colectomy	175
right colon	0	Sigmoidectomy	902
transverse colon	16	Subtotal colectomy	24
left colon	28	Total colectomy	13
unknown	0	Total colorectal resection	6
Intestinal by-pass	20	Sphincter-preserving operation	
Others	3	high anterior resection	311
Polypectomy		low anterior resection	842
trans-abdominal	8	posterior resection	1
trans-anal	29	invagination method	5
trans-sacral	6	pull-through procedure	6
trans-sphincteric	4	abdominosacral resection	9
Tumorectomy		Hartmann's operation	131
trans-abdominal	7	Amputation of the rectum	
trans-anal	16	abdominoperineal	706
trans-sacral	10	abdominosacral	26
trans-sphincteric	3	sacroabdominal	11
Appendectomy	1	Total pelvic exenteration	35
Ileocecal resection	45	Others	16
Ascending colectomy	23	Unknown	0
		Total	4,330

14 Operative mortality

14-1 Operative curability

Adenocarcinoma

		Total	Curative resection		Non-curative resection		Not resected	Unknown
			absolute	relative	relative	absolute		
Colon	No. of operations	2,278	1,510	149	95	465	30	29
	Operative deaths	30	11	0	0	17	2	0
	%	1.3	0.7	0	0	3.7	6.7	0
Rectum	No. of operations	2,052	1,410	185	83	319	32	23
	Operative deaths	22	12	1	4	3	1	1
	%	1.1	0.9	0.5	4.8	0.9	3.1	4.3

14-2 Operative curability

Malignant neoplasms other than adenocarcinoma

		Total	Curative resection		Non-curative resection		Not resected	Unknown
			absolute	relative	relative	absolute		
Colon	No. of operations	18	11	0	2	4	0	1
	Operative deaths	0	0		0	0		0
	%	0	0		0	0		0
Rectum	No. of operations	47	29	6	1	6	0	5
	Operative deaths	4	0	2	0	2		0
	%	8.5	0	33.3	0	33.3		0

14-3 Site of the tumor

Adenocarcinoma				Other malignancies			
	No. of operations	Operative deaths	%	No. of operations	Operative deaths	%	
I	2	1	50	2	0		
V	11	0		1	0		
C	214	2	0.9	4	0		
A	451	5	1.1	2	0		
T	320	8	2.5	3	0		
D	172	1	0.6	2	0		
S	1,108	13	1.2	4	0		
Colon	2,278	30	1.3	18	0		
Rs	503	8	1.6	1	0		
Ra	603	5	0.8	7	1	14.3	
Rb	900	9	1.0	23	3	13.0	
P	44	0		14	0		
E	2	0		2	0		
Rectum	2,052	22	1.1	47	4	8.5	
Total	4,330	52	1.2	65	4	6.2	

14-4 Surgical procedures

Adenocarcinoma

	No. of cases	No. of deaths	%		No. of cases	No. of deaths	%
Nonresection				Right colectomy	700	7	1
Laparotomy only	1	0		Transversectomy	137	3	2.2
Enterostomy				Descending colectomy	50	0	
ileum	4	1	25	Left colectomy	175	2	1.1
right colon	0	0		Sigmoidectomy	902	13	1.4
transverse colon	16	0		Subtotal colectomy	24	0	
left colon	28	1	3.6	Total colectomy	13	0	
Unknown	0	0		Total colorectal resection	6	0	
Intestinal by-pass	20	1	5.0	Sphincter-preserving operation			
Others	3	0		high anterior resection	311	1	0.3
Polypectomy				low anterior resection	842	9	1.1
trans-abdominal	8	0		posterior resection	1	0	
trans-anal	29	0		invagination method	5	0	
trans-sacral	6	0		pull-through procedure	6	0	
trans-sphincteric	4	0		abdominosacral resection	9	0	
Tumorectomy				Hartmann's operation	131	4	3.1
trans-abdominal	7	0		Amputation of the rectum			
trans-anal	16	0		abdominoperineal	706	7	1.0
trans-sacral	10	0		abdominosacral	26	1	3.8
trans-sphincteric	3	0		sacroabdominal	11	0	
Appendectomy	1	0		Total pelvic exenteration	35	0	
Ileocecal resection	45	0		Others	16	1	6.3
Ascending colectomy	23	1	4.3	Unknown	0	0	
				Total	4,330	52	1.2

Cumulative Survival Rate

15-1 Sex

Adenocarcinoma

Colon, male

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,287	167	62	0	86.7 ± 1.9	(88.6 - 84.8)
1 - 2	1,058	110	27	0	77.6 ± 2.4	(80.0 - 75.2)
2 - 3	921	72	34	0	71.4 ± 2.6	(74.0 - 68.8)
3 - 4	815	50	29	0	66.9 ± 2.7	(69.7 - 64.2)
4 - 5	736	37	29	0	63.5 ± 2.8	(66.3 - 60.7)
5 -	670			670		
TOTAL	1,287	436	181	670		

Colon, female

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	978	135	40	0	85.9 ± 2.2	(88.2 - 83.7)
1 - 2	803	99	18	0	75.2 ± 2.8	(78.0 - 72.4)
2 - 3	686	50	21	0	69.6 ± 3.0	(72.6 - 66.6)
3 - 4	615	37	16	0	65.4 ± 3.1	(68.5 - 62.2)
4 - 5	562	27	26	0	62.2 ± 3.2	(65.4 - 59.0)
5 -	509			509		
TOTAL	978	348	121	509		

Rectum, male

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,235	128	54	0	89.4 ± 1.8	(91.2 - 87.6)
1 - 2	1,053	110	20	0	80.0 ± 2.3	(82.3 - 77.7)
2 - 3	923	98	21	0	71.4 ± 2.6	(74.0 - 68.7)
3 - 4	804	65	26	0	65.5 ± 2.8	(68.3 - 62.7)
4 - 5	713	37	37	0	62.0 ± 2.9	(64.9 - 59.2)
5 -	639			639		
TOTAL	1,235	438	158	639		

Rectum, female

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	801	84	29	0	89.3 ± 2.2	(91.5 - 87.1)
1 - 2	688	77	17	0	79.2 ± 2.9	(82.1 - 76.3)
2 - 3	594	58	13	0	71.4 ± 3.3	(74.7 - 68.1)
3 - 4	523	34	12	0	66.7 ± 3.4	(70.1 - 63.3)
4 - 5	477	23	23	0	63.4 ± 3.5	(66.9 - 59.9)
5 -	431			431		
TOTAL	801	276	94	431		

15-2 Sex

Malignant neoplasms other than adenocarcinoma

Colon, male

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	8	1	0	0	87.5 ± 23.4	(110.9 - 64.1)
1 - 2	7	1	0	0	75.0 ± 30.6	(105.6 - 44.4)
2 - 3	6	0	0	0	75.0 ± 30.6	(105.6 - 44.4)
3 - 4	6	0	1	0	75.0 ± 30.6	(105.6 - 44.4)
4 - 5	5	0	1	0	75.0 ± 30.6	(105.6 - 44.4)
5 -	4			4		
TOTAL	8	2	2	4		

Colon, female

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	10	1	5	0	86.7 ± 24.8	(111.5 - 61.8)
1 - 2	4	0	1	0	86.7 ± 24.8	(111.5 - 61.8)
2 - 3	3	0	0	0	86.7 ± 24.8	(111.5 - 61.8)
3 - 4	3	0	0	0	86.7 ± 24.8	(111.5 - 61.8)
4 - 5	3	0	0	0	86.7 ± 24.8	(111.5 - 61.8)
5 -	3			3		
TOTAL	10	1	6	3		

Rectum, male

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	25	5	1	0	79.6 ± 16.3	(95.9 - 63.3)
1 - 2	19	2	0	0	71.2 ± 18.4	(89.6 - 52.8)
2 - 3	17	3	0	0	58.6 ± 20.1	(78.7 - 38.6)
3 - 4	14	1	1	0	54.3 ± 20.4	(74.7 - 33.9)
4 - 5	12	0	2	0	54.3 ± 20.4	(74.7 - 33.9)
5 -	10			10		
TOTAL	25	11	4	10		

Rectum,female

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	20	2	0	0	90.0 ± 13.4	(103.4 - 76.6)
1 - 2	18	4	0	0	70.0 ± 20.5	(90.5 - 49.5)
2 - 3	14	2	0	0	60.0 ± 21.9	(81.9 - 38.1)
3 - 4	12	1	0	0	55.0 ± 22.2	(77.2 - 32.8)
4 - 5	11	1	1	0	49.8 ± 22.5	(72.2 - 27.3)
5 -	9			9		
TOTAL	20	10	1	9		

16-1 Macroscopic operative curability

Colon, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	823	32	35	0	96.0 ± 1.4	(97.4 - 94.7)
1 - 2	756	28	19	0	92.4 ± 1.9	(94.3 - 90.5)
2 - 3	709	35	26	0	87.8 ± 2.4	(90.1 - 85.4)
3 - 4	648	32	24	0	83.4 ± 2.7	(86.1 - 80.7)
4 - 5	592	23	20	0	80.1 ± 2.9	(83.0 - 77.1)
5 -	549			549		
TOTAL	823	150	124	549		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	124	11	8	0	90.8 ± 5.3	(96.1 - 85.6)
1 - 2	105	15	2	0	77.7 ± 7.7	(85.4 - 70.0)
2 - 3	88	7	3	0	71.4 ± 8.4	(79.9 - 63.0)
3 - 4	78	7	3	0	64.9 ± 9.0	(73.9 - 55.9)
4 - 5	68	6	5	0	59.0 ± 9.4	(68.3 - 49.6)
5 -	57			57		
TOTAL	124	46	21	57		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	54	6	3	0	88.6 ± 8.8	(97.4 - 79.8)
1 - 2	45	12	1	0	64.7 ± 13.4	(78.1 - 51.3)
2 - 3	32	6	2	0	52.2 ± 14.2	(66.4 - 38.0)
3 - 4	24	3	0	0	45.6 ± 14.3	(59.9 - 31.4)
4 - 5	21	1	0	0	43.5 ± 14.2	(57.7 - 29.2)
5 -	20			20		
TOTAL	54	28	6	20		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	258	105	13	0	58.3 ± 6.2	(64.5 - 52.0)
1 - 2	140	53	5	0	35.8 ± 6.2	(42.0 - 29.6)
2 - 3	82	21	3	0	26.5 ± 5.7	(32.2 - 20.7)
3 - 4	58	8	1	0	22.8 ± 5.5	(28.3 - 17.3)
4 - 5	49	6	4	0	19.9 ± 5.3	(25.2 - 14.6)
5 -	39			39		
TOTAL	258	193	26	39		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	19	13	1	0	29.7 ± 21.3	(51.0 - 8.5)
1 - 2	5	1	0	0	23.8 ± 20.1	(43.8 - 3.7)
2 - 3	4	2	0	0	11.9 ± 15.6	(27.4 - -3.7)
3 - 4	2	0	1	0	11.9 ± 15.6	(27.4 - -3.7)
4 - 5	1	0	0	0	11.9 ± 15.6	(27.4 - -3.7)
5 -	1			1		
TOTAL	19	16	2	1		

16-2 Macroscopic operative curability

Colon, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	585	14	19	0	97.6 ± 1.3	(98.9 - 96.3)
1 - 2	552	25	11	0	93.1 ± 2.1	(95.2 - 91.0)
2 - 3	516	21	13	0	89.3 ± 2.6	(91.9 - 86.6)
3 - 4	482	26	8	0	84.4 ± 3.1	(87.5 - 81.3)
4 - 5	448	15	18	0	81.5 ± 3.3	(84.9 - 78.2)
5 -	415			415		
TOTAL	585	101	69	415		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	98	6	5	0	93.7 ± 5.0	(98.7 - 88.8)
1 - 2	87	9	2	0	83.9 ± 7.6	(91.5 - 76.3)
2 - 3	76	4	3	0	79.4 ± 8.4	(87.8 - 71.0)
3 - 4	69	4	3	0	74.7 ± 9.2	(83.9 - 65.5)
4 - 5	62	4	5	0	69.7 ± 9.8	(79.5 - 59.9)
5 -	53			53		
TOTAL	98	27	18	53		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	38	9	2	0	75.7 ± 14.1	(89.8 - 61.6)
1 - 2	27	2	0	0	70.1 ± 15.1	(85.2 - 54.9)
2 - 3	25	8	1	0	47.2 ± 16.7	(63.9 - 30.5)
3 - 4	16	1	2	0	44.0 ± 16.8	(60.8 - 27.3)
4 - 5	13	0	2	0	44.0 ± 16.8	(60.8 - 27.3)
5 -	11			11		
TOTAL	38	20	7	11		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	233	94	12	0	58.6 ± 6.5	(65.1 - 52.1)
1 - 2	127	61	5	0	29.9 ± 6.2	(36.1 - 23.7)
2 - 3	61	15	4	0	22.3 ± 5.7	(28.0 - 16.5)
3 - 4	42	5	3	0	19.5 ± 5.5	(25.1 - 14.0)
4 - 5	34	8	1	0	14.9 ± 5.1	(20.0 - 9.8)
5 -	25			25		
TOTAL	233	183	25	25		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	15	11	1	0	24.1 ± 22.5	(46.6 - 1.7)
1 - 2	3	2	0	0	8.0 ± 15.1	(23.2 - -7.1)
2 - 3	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	15	14	1	0		

16-3 Macroscopic operative curability

Rectum, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	858	31	30	0	96.3 ± 1.3	(97.6 - 95.0)
1 - 2	797	45	14	0	90.8 ± 2.0	(92.8 - 88.8)
2 - 3	738	56	16	0	83.9 ± 2.6	(86.4 - 81.3)
3 - 4	666	47	19	0	77.9 ± 2.9	(80.8 - 74.9)
4 - 5	600	27	29	0	74.3 ± 3.1	(77.4 - 71.2)
5 -	544			544		
TOTAL	858	206	108	544		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	117	7	4	0	93.9 ± 4.5	(98.4 - 89.5)
1 - 2	106	17	1	0	78.8 ± 7.7	(86.5 - 71.1)
2 - 3	88	9	1	0	70.7 ± 8.6	(79.3 - 62.1)
3 - 4	78	3	5	0	67.9 ± 8.8	(76.7 - 59.0)
4 - 5	70	3	6	0	64.8 ± 9.1	(73.9 - 55.7)
5 -	61			61		
TOTAL	117	39	17	61		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	42	7	4	0	82.5 ± 12.0	(94.5 - 70.5)
1 - 2	31	5	1	0	69.0 ± 14.9	(83.9 - 54.0)
2 - 3	25	8	1	0	46.5 ± 16.5	(62.9 - 30.0)
3 - 4	16	7	0	0	26.1 ± 14.8	(40.9 - 11.3)
4 - 5	9	1	0	0	23.2 ± 14.2	(37.5 - 9.0)
5 -	8			8		
TOTAL	42	28	6	8		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	189	70	10	0	62.0 ± 7.2	(69.1 - 54.8)
1 - 2	109	39	4	0	39.4 ± 7.0	(46.7 - 32.0)
2 - 3	66	24	1	0	24.9 ± 6.6	(31.6 - 18.3)
3 - 4	41	8	2	0	20.0 ± 6.2	(26.1 - 13.8)
4 - 5	31	5	2	0	16.6 ± 5.8	(22.4 - 10.8)
5 -	24			24		
TOTAL	189	146	19	24		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	20	11	3	0	40.5 ± 22.8	(63.4 - 17.7)
1 - 2	6	3	0	0	20.3 ± 20.1	(40.4 - 0.2)
2 - 3	3	1	1	0	12.2 ± 17.4	(29.6 - -5.3)
3 - 4	1	0	0	0	12.2 ± 17.4	(29.6 - -5.3)
4 - 5	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	20	16	4	0		

16-4 Macroscopic operative curability

Rectum, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	525	14	14	0	97.3 ± 1.4	(98.7 - 95.9)
1 - 2	497	23	11	0	92.7 ± 2.3	(95.0 - 90.4)
2 - 3	463	33	9	0	86.1 ± 3.1	(89.2 - 83.0)
3 - 4	421	20	10	0	81.9 ± 3.5	(85.4 - 78.5)
4 - 5	391	14	19	0	78.9 ± 3.7	(82.6 - 75.2)
5 -	358			358		
TOTAL	525	104	63	358		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	91	4	3	0	95.5 ± 4.4	(99.9 - 91.2)
1 - 2	84	10	2	0	84.0 ± 7.8	(91.9 - 76.2)
2 - 3	72	8	1	0	74.6 ± 9.4	(84.0 - 65.3)
3 - 4	63	6	1	0	67.5 ± 10.1	(77.6 - 57.3)
4 - 5	56	4	3	0	62.5 ± 10.5	(73.0 - 52.0)
5 -	49			49		
TOTAL	91	32	10	49		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	33	5	2	0	84.4 ± 12.8	(97.2 - 71.5)
1 - 2	26	8	1	0	57.9 ± 17.8	(75.7 - 40.1)
2 - 3	17	4	1	0	43.9 ± 18.2	(62.1 - 25.7)
3 - 4	12	3	0	0	32.9 ± 17.5	(50.4 - 15.4)
4 - 5	9	3	0	0	21.9 ± 15.6	(37.5 - 6.3)
5 -	6			6		
TOTAL	33	23	4	6		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	127	50	9	0	59.2 ± 8.9	(68.1 - 50.3)
1 - 2	68	31	1	0	32.0 ± 8.6	(40.6 - 23.4)
2 - 3	36	12	2	0	21.0 ± 7.7	(28.7 - 13.4)
3 - 4	22	5	0	0	16.3 ± 7.0	(23.3 - 9.2)
4 - 5	17	2	1	0	14.3 ± 6.7	(21.0 - 7.6)
5 -	14			14		
TOTAL	127	100	13	14		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	21	10	1	0	51.2 ± 22.1	(73.3 - 29.1)
1 - 2	10	5	2	0	22.8 ± 19.6	(42.4 - 3.2)
2 - 3	3	1	0	0	15.2 ± 18.0	(33.2 - -2.8)
3 - 4	2	0	0	0	15.2 ± 18.0	(33.2 - -2.8)
4 - 5	2	0	0	0	15.2 ± 18.0	(33.2 - -2.8)
5 -	2			2		
TOTAL	21	16	3	2		

16-5 Histological operative curability

Colon, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	892	35	38	0	96.0 ± 1.3	(97.3 - 94.7)
1 - 2	819	36	19	0	91.7 ± 1.9	(93.6 - 89.8)
2 - 3	764	36	27	0	87.3 ± 2.3	(89.6 - 85.0)
3 - 4	701	34	22	0	83.0 ± 2.6	(85.6 - 80.4)
4 - 5	645	25	24	0	79.7 ± 2.8	(82.6 - 76.9)
5 -	596			596		
TOTAL	892	166	130	596		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	77	7	4	0	90.7 ± 6.7	(97.4 - 83.9)
1 - 2	66	10	1	0	76.8 ± 9.9	(86.7 - 67.0)
2 - 3	55	6	4	0	68.1 ± 11.0	(79.1 - 57.1)
3 - 4	45	5	6	0	60.0 ± 11.9	(71.9 - 48.2)
4 - 5	34	5	3	0	50.8 ± 12.6	(63.4 - 38.2)
5 -	26			26		
TOTAL	77	33	18	26		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	48	5	4	0	89.1 ± 9.2	(98.3 - 80.0)
1 - 2	39	10	1	0	66.0 ± 14.3	(80.3 - 51.7)
2 - 3	28	5	1	0	54.0 ± 15.2	(69.2 - 38.8)
3 - 4	22	4	0	0	44.2 ± 15.3	(59.5 - 28.9)
4 - 5	18	1	0	0	41.7 ± 15.2	(56.9 - 26.5)
5 -	17			17		
TOTAL	48	25	6	17		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	240	107	13	0	54.2 ± 6.5	(60.7 - 47.7)
1 - 2	120	52	6	0	30.1 ± 6.2	(36.3 - 23.9)
2 - 3	62	21	2	0	19.7 ± 5.5	(25.2 - 14.3)
3 - 4	39	7	1	0	16.1 ± 5.1	(21.2 - 11.1)
4 - 5	31	5	2	0	13.5 ± 4.8	(18.2 - 8.7)
5 -	24			24		
TOTAL	240	192	24	24		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	19	13	1	0	29.7 ± 21.3	(51.0 - 8.5)
1 - 2	5	1	0	0	23.8 ± 20.1	(43.8 - 3.7)
2 - 3	4	2	0	0	11.9 ± 15.6	(27.4 - -3.7)
3 - 4	2	0	0	0	11.9 ± 15.6	(27.4 - -3.7)
4 - 5	2	0	0	0	11.9 ± 15.6	(27.4 - -3.7)
5 -	2			2		
TOTAL	19	16	1	2		

16-6 Histological operative curability

Colon, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	611	16	20	0	97.3 ± 1.3	(98.7 - 96.0)
1 - 2	575	28	11	0	92.6 ± 2.2	(94.7 - 90.4)
2 - 3	536	20	11	0	89.1 ± 2.6	(91.6 - 86.5)
3 - 4	505	22	8	0	85.2 ± 3.0	(88.1 - 82.2)
4 - 5	475	16	18	0	82.2 ± 3.2	(85.4 - 79.0)
5 -	441			441		
TOTAL	611	102	68	441		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	72	6	3	0	91.5 ± 6.6	(98.1 - 84.8)
1 - 2	63	7	2	0	81.2 ± 9.4	(90.6 - 71.7)
2 - 3	54	4	4	0	74.9 ± 10.6	(85.5 - 64.3)
3 - 4	46	5	4	0	66.4 ± 11.8	(78.2 - 54.6)
4 - 5	37	4	3	0	58.9 ± 12.6	(71.5 - 46.3)
5 -	30			30		
TOTAL	72	26	16	30		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	44	9	1	0	79.3 ± 12.3	(91.6 - 67.0)
1 - 2	34	2	0	0	74.6 ± 13.2	(87.9 - 61.4)
2 - 3	32	10	2	0	50.6 ± 15.4	(66.0 - 35.2)
3 - 4	20	3	1	0	42.8 ± 15.4	(58.2 - 27.4)
4 - 5	16	0	2	0	42.8 ± 15.4	(58.2 - 27.4)
5 -	14			14		
TOTAL	44	24	6	14		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	223	93	13	0	57.0 ± 6.7	(63.8 - 50.3)
1 - 2	117	60	5	0	27.2 ± 6.2	(33.4 - 20.9)
2 - 3	52	15	4	0	19.0 ± 5.6	(24.6 - 13.4)
3 - 4	33	5	3	0	16.0 ± 5.3	(21.3 - 10.7)
4 - 5	25	7	1	0	11.4 ± 4.8	(16.2 - 6.6)
5 -	17			17		
TOTAL	223	180	26	17		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	16	11	1	0	29.0 ± 23.1	(52.1 - 6.0)
1 - 2	4	2	0	0	14.5 ± 18.5	(33.1 - -4.0)
2 - 3	2	1	0	0	7.3 ± 13.8	(21.1 - -6.6)
3 - 4	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	16	15	1	0		

16-7 Histological operative curability

Rectum, male, adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	872	32	30	0	96.3 ± 1.3	(97.6 - 95.0)
	1 - 2	810	45	15	0	90.9 ± 2.0	(92.9 - 88.9)
	2 - 3	750	52	15	0	84.5 ± 2.5	(87.0 - 82.0)
	3 - 4	683	46	23	0	78.7 ± 2.9	(81.6 - 75.9)
	4 - 5	614	22	30	0	75.8 ± 3.0	(78.8 - 72.8)
	5 -	562			562		
	TOTAL	872	197	113	562		

Relative curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	99	8	6	0	91.7 ± 5.6	(97.3 - 86.0)
	1 - 2	85	13	0	0	77.6 ± 8.6	(86.3 - 69.0)
	2 - 3	72	10	2	0	66.7 ± 9.8	(76.5 - 56.9)
	3 - 4	60	4	1	0	62.2 ± 10.1	(72.3 - 52.1)
	4 - 5	55	7	2	0	54.2 ± 10.5	(64.6 - 43.7)
	5 -	46			46		
	TOTAL	99	42	11	46		

Relative non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	51	8	3	0	83.8 ± 10.5	(94.3 - 73.4)
	1 - 2	40	4	1	0	75.3 ± 12.4	(87.7 - 63.0)
	2 - 3	35	10	1	0	53.5 ± 14.6	(68.1 - 38.9)
	3 - 4	24	8	1	0	35.3 ± 14.2	(49.5 - 21.1)
	4 - 5	15	1	2	0	32.8 ± 14.1	(46.8 - 18.7)
	5 -	12			12		
	TOTAL	51	31	8	12		

Absolute non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	183	68	11	0	61.7 ± 7.3	(69.0 - 54.4)
	1 - 2	104	43	4	0	35.7 ± 7.4	(43.0 - 28.3)
	2 - 3	57	24	1	0	20.5 ± 6.3	(26.8 - 14.2)
	3 - 4	32	7	1	0	16.0 ± 5.8	(21.7 - 10.2)
	4 - 5	24	5	3	0	12.4 ± 5.3	(17.7 - 7.1)
	5 -	16			16		
	TOTAL	183	147	20	16		

Not resected	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	20	11	3	0	40.5 ± 22.8	(63.4 - 17.7)
	1 - 2	6	3	0	0	20.3 ± 20.1	(40.4 - 0.2)
	2 - 3	3	1	1	0	12.2 ± 17.4	(29.6 - -5.3)
	3 - 4	1	0	0	0	12.2 ± 17.4	(29.6 - -5.3)
	4 - 5	1	0	0	0	12.2 ± 17.4	(29.6 - -5.3)
	5 -	1			1		
	TOTAL	20	15	4	1		

16-8 Histological operative curability

Rectum, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	529	13	15	0	97.5 ± 1.4	(98.9 - 96.1)
1 - 2	501	22	10	0	93.2 ± 2.2	(95.4 - 91.0)
2 - 3	469	32	8	0	86.8 ± 3.0	(89.8 - 83.8)
3 - 4	429	20	10	0	82.7 ± 3.4	(86.1 - 79.3)
4 - 5	399	16	21	0	79.3 ± 3.6	(82.9 - 75.6)
5 -	362			362		
TOTAL	529	103	64	362		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	84	4	2	0	95.2 ± 4.7	(99.9 - 90.5)
1 - 2	78	10	3	0	82.7 ± 8.4	(91.1 - 74.3)
2 - 3	65	9	1	0	71.2 ± 10.2	(81.4 - 61.0)
3 - 4	55	8	1	0	60.7 ± 11.0	(71.8 - 49.7)
4 - 5	46	2	2	0	58.0 ± 11.2	(69.2 - 46.9)
5 -	42			42		
TOTAL	84	33	9	42		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	31	7	2	0	76.7 ± 15.4	(92.1 - 61.2)
1 - 2	22	7	0	0	52.3 ± 18.5	(70.8 - 33.8)
2 - 3	15	3	1	0	41.5 ± 18.4	(59.9 - 23.0)
3 - 4	11	2	0	0	33.9 ± 17.9	(51.8 - 16.0)
4 - 5	9	3	0	0	22.6 ± 16.0	(38.6 - 6.6)
5 -	6			6		
TOTAL	31	22	3	6		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	135	49	9	0	62.5 ± 8.5	(70.9 - 54.0)
1 - 2	77	33	2	0	35.3 ± 8.6	(43.9 - 26.8)
2 - 3	42	13	3	0	24.0 ± 7.8	(31.8 - 16.2)
3 - 4	26	4	0	0	20.3 ± 7.4	(27.7 - 12.9)
4 - 5	22	2	0	0	18.5 ± 7.2	(25.6 - 11.3)
5 -	20			20		
TOTAL	135	101	14	20		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	19	10	1	0	45.9 ± 23.2	(69.1 - 22.8)
1 - 2	8	5	2	0	13.1 ± 17.0	(30.2 - -3.9)
2 - 3	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	19	16	3	0		

17-1 Hepatic metastasis

Colon, adenocarcinoma

H0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,924	139	86	0	92.6 ± 1.2	(93.8 - 91.4)
	1 - 2	1,699	125	42	0	85.7 ± 1.6	(87.3 - 84.1)
	2 - 3	1,532	92	52	0	80.5 ± 1.9	(82.3 - 78.6)
	3 - 4	1,388	81	43	0	75.7 ± 2.0	(77.7 - 73.7)
	4 - 5	1,264	60	54	0	72.0 ± 2.1	(74.2 - 69.9)
	5 -	1,150			1,150		
	TOTAL	1,924	497	277	1,150		

H1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	95	28	4	0	69.9 ± 9.5	(79.4 - 60.4)
	1 - 2	63	26	1	0	40.8 ± 10.3	(51.2 - 30.5)
	2 - 3	36	14	3	0	24.3 ± 9.2	(33.4 - 15.1)
	3 - 4	19	2	1	0	21.6 ± 8.9	(30.5 - 12.7)
	4 - 5	16	2	0	0	18.9 ± 8.6	(27.5 - 10.4)
	5 -	14			14		
	TOTAL	95	72	9	14		

H2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	78	32	3	0	58.2 ± 11.3	(69.4 - 46.9)
	1 - 2	43	22	1	0	28.1 ± 10.4	(38.5 - 17.6)
	2 - 3	20	8	0	0	16.8 ± 8.8	(25.6 - 8.1)
	3 - 4	12	3	0	0	12.6 ± 7.8	(20.4 - 4.8)
	4 - 5	9	1	1	0	11.1 ± 7.4	(18.6 - 3.7)
	5 -	7			7		
	TOTAL	78	66	5	7		

H3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	152	101	6	0	32.2 ± 7.7	(39.9 - 24.6)
	1 - 2	45	33	1	0	8.3 ± 4.7	(13.0 - 3.7)
	2 - 3	11	6	0	0	3.8 ± 3.3	(7.1 - 0.5)
	3 - 4	5	1	1	0	2.9 ± 3.0	(5.9 - -0.0)
	4 - 5	3	0	0	0	2.9 ± 3.0	(5.9 - -0.0)
	5 -	3			3		
	TOTAL	152	141	8	3		

17-2 Hepatic metastasis

Rectum, adenocarcinoma

H0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,798	115	68	0	93.5 ± 1.2	(94.7 - 92.3)
	1 - 2	1,615	136	32	0	85.5 ± 1.7	(87.2 - 83.8)
	2 - 3	1,447	133	32	0	77.6 ± 2.0	(79.6 - 75.6)
	3 - 4	1,282	88	37	0	72.2 ± 2.2	(74.4 - 70.0)
	4 - 5	1,157	54	59	0	68.7 ± 2.3	(71.0 - 66.4)
	5 -	1,044			1,044		
	TOTAL	1,798	526	228	1,044		
H1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	78	16	4	0	78.9 ± 9.4	(88.3 - 69.6)
	1 - 2	58	21	5	0	49.1 ± 11.8	(60.9 - 37.3)
	2 - 3	32	15	1	0	25.7 ± 10.7	(36.4 - 15.0)
	3 - 4	16	6	0	0	16.1 ± 9.1	(25.2 - 6.9)
	4 - 5	10	2	0	0	12.9 ± 8.4	(21.2 - 4.5)
	5 -	8			8		
	TOTAL	78	60	10	8		
H2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	47	17	2	0	63.0 ± 14.2	(77.3 - 48.8)
	1 - 2	28	14	0	0	31.5 ± 13.9	(45.4 - 17.6)
	2 - 3	14	4	0	0	22.5 ± 12.5	(35.0 - 10.0)
	3 - 4	10	3	1	0	15.4 ± 10.9	(26.3 - 4.5)
	4 - 5	6	3	1	0	7.0 ± 8.2	(15.2 - -1.2)
	5 -	2			2		
	TOTAL	47	41	4	2		
H3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	87	60	7	0	28.1 ± 9.8	(38.0 - 18.3)
	1 - 2	20	14	0	0	8.4 ± 6.5	(14.9 - 2.0)
	2 - 3	6	4	1	0	2.3 ± 3.7	(6.0 - -1.4)
	3 - 4	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	87	79	8	0		

18-1 Peritoneal disseminating metastasis

Colon, adenocarcinoma

P0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	2,024	190	87	0	90.4 ± 1.3	(91.7 - 89.1)
	1 - 2	1,747	160	39	0	82.0 ± 1.7	(83.8 - 80.3)
	2 - 3	1,548	108	50	0	76.2 ± 1.9	(78.2 - 74.3)
	3 - 4	1,390	81	44	0	71.7 ± 2.1	(73.8 - 69.6)
	4 - 5	1,265	58	54	0	68.3 ± 2.2	(70.5 - 66.2)
	5 -	1,153			1,153		
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	TOTAL	2,024	597	274	1,153		

P1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	85	27	3	0	67.7 ± 10.2	(77.9 - 57.4)
	1 - 2	55	24	2	0	37.6 ± 10.8	(48.4 - 26.8)
	2 - 3	29	3	5	0	33.3 ± 10.6	(44.0 - 22.7)
	3 - 4	21	1	1	0	31.7 ± 10.6	(42.3 - 21.1)
	4 - 5	19	3	1	0	26.6 ± 10.4	(37.0 - 16.2)
	5 -	15			15		
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	TOTAL	85	58	12	15		

P2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	64	32	4	0	48.4 ± 12.7	(61.1 - 35.7)
	1 - 2	28	9	2	0	32.3 ± 12.2	(44.5 - 20.1)
	2 - 3	17	5	0	0	22.8 ± 11.2	(33.9 - 11.6)
	3 - 4	12	4	0	0	15.2 ± 9.7	(24.9 - 5.5)
	4 - 5	8	3	0	0	9.5 ± 8.0	(17.5 - 1.5)
	5 -	5			5		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	64	53	6	5		

P3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	80	50	5	0	35.5 ± 10.9	(46.4 - 24.6)
	1 - 2	25	16	2	0	11.8 ± 7.7	(19.6 - 4.1)
	2 - 3	7	5	0	0	3.4 ± 4.6	(8.0 - -1.2)
	3 - 4	2	1	0	0	1.7 ± 3.3	(5.0 - -1.6)
	4 - 5	1	0	0	0	1.7 ± 3.3	(5.0 - -1.6)
	5 -	1			1		
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	TOTAL	80	72	7	1		

18-2 Peritoneal disseminating metastasis

Rectum, adenocarcinoma

P0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,903	167	71	0	91.1 ± 1.3	(92.4 - 89.7)
1 - 2	1,665	163	34	0	82.1 ± 1.8	(83.8 - 80.3)
2 - 3	1,468	146	31	0	73.8 ± 2.1	(75.9 - 71.7)
3 - 4	1,291	97	37	0	68.2 ± 2.2	(70.4 - 66.0)
4 - 5	1,157	56	60	0	64.8 ± 2.3	(67.1 - 62.5)
5 -	1,041			1,041		
TOTAL	1,903	629	233	1,041		

P1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	57	18	5	0	67.0 ± 12.7	(79.7 - 54.2)
1 - 2	34	13	2	0	40.6 ± 13.8	(54.4 - 26.8)
2 - 3	19	7	3	0	24.4 ± 12.6	(36.9 - 11.8)
3 - 4	9	1	0	0	21.6 ± 12.3	(33.9 - 9.3)
4 - 5	8	2	0	0	16.2 ± 11.4	(27.6 - 4.9)
5 -	6			6		
TOTAL	57	41	10	6		

P2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	24	13	3	0	42.2 ± 20.8	(63.0 - 21.4)
1 - 2	8	5	0	0	15.8 ± 16.4	(32.3 - -0.6)
2 - 3	3	0	0	0	15.8 ± 16.4	(32.3 - -0.6)
3 - 4	3	0	0	0	15.8 ± 16.4	(32.3 - -0.6)
4 - 5	3	0	0	0	15.8 ± 16.4	(32.3 - -0.6)
5 -	3			3		
TOTAL	24	18	3	3		

P3

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	17	9	1	0	45.5 ± 24.5	(70.0 - 20.9)
1 - 2	7	2	1	0	31.5 ± 23.6	(55.1 - 7.8)
2 - 3	4	2	0	0	15.7 ± 19.7	(35.4 - -3.5)
3 - 4	2	0	0	0	15.7 ± 19.7	(35.4 - -3.9)
4 - 5	2	1	0	0	7.9 ± 14.9	(22.7 - -7.0)
5 -	1			1		
TOTAL	17	14	2	1		

19-1 Metastasis to remote organs

Colon, adenocarcinoma

Colon, M(-)	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	2,156	252	91	0	88.1 ± 1.4	(89.5 - 86.6)
	1 - 2	1,813	188	44	0	78.8 ± 1.8	(80.6 - 77.0)
	2 - 3	1,581	114	55	0	73.0 ± 2.0	(75.0 - 71.1)
	3 - 4	1,412	84	44	0	68.6 ± 2.1	(70.7 - 66.6)
	4 - 5	1,284	63	54	0	65.2 ± 2.1	(67.3 - 63.0)
	5 -	1,167			1,167		
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	TOTAL	2,156	701	288	1,167		

Colon, M(+)	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	71	34	6	0	50.0 ± 12.1	(62.1 - 37.9)
	1 - 2	31	18	0	0	21.0 ± 10.2	(31.2 - 10.7)
	2 - 3	13	5	0	0	12.9 ± 8.5	(21.4 - 4.4)
	3 - 4	8	3	1	0	7.7 ± 6.9	(14.6 - 0.9)
	4 - 5	4	1	0	0	5.8 ± 6.1	(11.9 - -0.3)
	5 -	3			3		
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	TOTAL	71	61	7	3		

19-2 Metastasis to remote organs

Rectum, adenocarcinoma

Rectum, M(-)	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	1,957	181	76	0	90.6 ± 1.3	(91.9 - 89.2)
	1 - 2	1,700	173	34	0	81.3 ± 1.8	(83.1 - 79.5)
	2 - 3	1,493	148	33	0	73.1 ± 2.1	(75.2 - 71.1)
	3 - 4	1,312	96	37	0	67.7 ± 2.2	(69.9 - 65.5)
	4 - 5	1,179	56	60	0	64.4 ± 2.2	(66.6 - 62.1)
	5 -	1,063			1,063		
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	TOTAL	1,957	654	240	1,063		

Rectum, M(+)	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	51	20	6	0	58.3 ± 14.2	(72.6 - 44.1)
	1 - 2	25	8	2	0	38.9 ± 14.7	(53.6 - 24.2)
	2 - 3	15	7	1	0	20.1 ± 12.7	(32.8 - 7.4)
	3 - 4	7	2	1	0	13.9 ± 11.4	(25.4 - 2.5)
	4 - 5	4	3	0	0	3.5 ± 6.7	(10.2 - -3.2)
	5 -	1			1		
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	TOTAL	51	40	10	1		

20-1 Macroscopic lymph node metastasis

Colon, adenocarcinoma

N0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	738	33	30	0	95.4 ± 1.6	(97.0 - 93.9)
	1 - 2	675	25	17	0	91.9 ± 2.1	(93.9 - 89.8)
	2 - 3	633	28	16	0	87.7 ± 2.5	(90.2 - 85.3)
	3 - 4	589	28	18	0	83.5 ± 2.8	(86.3 - 80.7)
	4 - 5	543	18	31	0	80.7 ± 3.0	(83.7 - 77.6)
	5 -	494			494		
	TOTAL	738	132	112	494		

N1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	694	66	31	0	90.3 ± 2.3	(92.5 - 88.0)
	1 - 2	597	60	13	0	81.1 ± 3.0	(84.1 - 78.1)
	2 - 3	524	36	25	0	75.4 ± 3.4	(78.8 - 72.0)
	3 - 4	463	30	16	0	70.4 ± 3.6	(74.0 - 66.8)
	4 - 5	417	25	9	0	66.2 ± 3.8	(69.9 - 62.4)
	5 -	383			383		
	TOTAL	694	217	94	383		

N2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	477	67	18	0	85.7 ± 3.2	(88.9 - 82.4)
	1 - 2	392	69	9	0	70.4 ± 4.3	(74.7 - 66.2)
	2 - 3	314	31	10	0	63.4 ± 4.5	(67.9 - 58.8)
	3 - 4	273	19	8	0	58.9 ± 4.7	(63.5 - 54.2)
	4 - 5	246	11	10	0	56.2 ± 4.7	(60.9 - 51.5)
	5 -	225			225		
	TOTAL	477	197	55	225		

N3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	171	48	6	0	71.4 ± 7.0	(78.4 - 64.5)
	1 - 2	117	25	2	0	56.0 ± 7.7	(63.8 - 48.3)
	2 - 3	90	11	4	0	49.0 ± 7.8	(56.9 - 41.2)
	3 - 4	75	7	1	0	44.4 ± 7.8	(52.3 - 36.6)
	4 - 5	67	8	4	0	39.0 ± 7.8	(46.7 - 31.2)
	5 -	55			55		
	TOTAL	171	99	17	55		

N4	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	116	59	6	0	47.8 ± 9.4	(57.2 - 38.4)
	1 - 2	51	23	3	0	25.6 ± 8.4	(34.0 - 17.1)
	2 - 3	25	11	0	0	14.3 ± 6.9	(21.3 - 7.4)
	3 - 4	14	1	1	0	13.3 ± 6.7	(20.0 - 6.5)
	4 - 5	12	1	0	0	12.2 ± 6.5	(18.7 - 5.6)
	5 -	11			11		
	TOTAL	116	95	10	11		

20-2 Macroscopic lymph node metastasis

Rectum, adenocarcinoma

N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	884	44	25	0	95.0 ± 1.5	(96.4 - 93.5)
1 - 2	815	50	14	0	89.1 ± 2.1	(91.2 - 86.9)
2 - 3	751	46	14	0	83.6 ± 2.5	(86.1 - 81.0)
3 - 4	691	24	21	0	80.6 ± 2.7	(83.3 - 77.9)
4 - 5	646	18	37	0	78.3 ± 2.9	(81.2 - 75.5)
5 -	591			591		
TOTAL	884	182	111	591		

N1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	600	44	25	0	92.5 ± 2.2	(94.7 - 90.3)
1 - 2	531	55	14	0	82.8 ± 3.1	(85.9 - 79.7)
2 - 3	462	58	10	0	72.3 ± 3.8	(76.1 - 68.5)
3 - 4	394	47	11	0	63.5 ± 4.1	(67.6 - 59.5)
4 - 5	336	27	13	0	58.3 ± 4.2	(62.6 - 54.1)
5 -	296			296		
TOTAL	600	231	73	296		

N2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	334	45	15	0	86.2 ± 3.8	(90.0 - 82.4)
1 - 2	274	51	4	0	70.1 ± 5.1	(75.2 - 64.9)
2 - 3	219	35	5	0	58.7 ± 5.5	(64.3 - 53.2)
3 - 4	179	22	4	0	51.4 ± 5.7	(57.1 - 45.8)
4 - 5	153	8	9	0	48.7 ± 5.7	(54.3 - 43.0)
5 -	136			136		
TOTAL	334	161	37	136		

N3

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	84	23	6	0	71.6 ± 10.0	(81.6 - 61.6)
1 - 2	55	15	2	0	51.7 ± 11.3	(63.1 - 40.4)
2 - 3	38	7	1	0	42.1 ± 11.3	(53.4 - 30.7)
3 - 4	30	4	2	0	36.3 ± 11.2	(47.4 - 25.1)
4 - 5	24	4	1	0	30.1 ± 10.8	(40.9 - 19.3)
5 -	19			19		
TOTAL	84	53	12	19		

N4

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	73	42	8	0	39.1 ± 11.8	(50.9 - 27.4)
1 - 2	23	8	1	0	25.2 ± 10.9	(36.2 - 14.3)
2 - 3	14	3	2	0	19.4 ± 10.3	(29.7 - 9.1)
3 - 4	9	1	0	0	17.2 ± 10.0	(27.2 - 7.2)
4 - 5	8	2	0	0	12.9 ± 9.2	(22.1 - 3.8)
5 -	6			6		
TOTAL	73	56	11	6		

20-3 Histological lymph node metastasis

Colon, adenocarcinoma

n0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,209	62	59	0	94.7 ± 1.3	(96.0 - 93.4)
	1 - 2	1,088	45	29	0	90.8 ± 1.7	(92.5 - 89.1)
	2 - 3	1,014	48	35	0	86.4 ± 2.0	(88.4 - 84.4)
	3 - 4	931	42	27	0	82.4 ± 2.3	(84.7 - 80.2)
	4 - 5	862	30	36	0	79.5 ± 2.4	(81.9 - 77.1)
	5 -	796			796		
	TOTAL	1,209	227	186	796		
n1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	483	76	15	0	84.0 ± 3.4	(87.4 - 80.7)
	1 - 2	392	63	7	0	70.4 ± 4.2	(74.6 - 66.2)
	2 - 3	322	26	11	0	64.6 ± 4.4	(69.1 - 60.2)
	3 - 4	285	18	10	0	60.5 ± 4.6	(65.0 - 55.9)
	4 - 5	257	15	9	0	56.9 ± 4.7	(61.5 - 52.2)
	5 -	233			233		
	TOTAL	483	198	52	233		
n2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	290	54	8	0	81.1 ± 4.6	(85.7 - 76.5)
	1 - 2	228	58	5	0	60.3 ± 5.8	(66.1 - 54.4)
	2 - 3	165	25	5	0	51.0 ± 6.0	(57.0 - 45.0)
	3 - 4	135	17	4	0	44.5 ± 6.0	(50.5 - 38.5)
	4 - 5	114	11	6	0	40.1 ± 6.0	(46.0 - 34.1)
	5 -	97			97		
	TOTAL	290	165	28	97		
n3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	86	21	2	0	75.3 ± 9.4	(84.7 - 65.9)
	1 - 2	63	10	0	0	63.3 ± 10.5	(73.8 - 52.9)
	2 - 3	53	8	3	0	53.5 ± 10.9	(64.4 - 42.6)
	3 - 4	42	6	2	0	45.7 ± 11.0	(56.7 - 34.6)
	4 - 5	34	5	2	0	38.8 ± 11.0	(49.7 - 27.8)
	5 -	27			27		
	TOTAL	86	50	9	27		
n4	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	51	19	5	0	60.8 ± 14.0	(74.8 - 46.8)
	1 - 2	27	10	3	0	37.0 ± 14.5	(51.5 - 22.4)
	2 - 3	14	8	0	0	15.8 ± 11.6	(27.4 - 4.3)
	3 - 4	6	1	0	0	13.2 ± 10.8	(24.0 - 2.4)
	4 - 5	5	1	0	0	10.6 ± 9.8	(20.4 - 0.7)
	5 -	4			4		
	TOTAL	51	39	8	4		

20-4 Histological lymph node metastasis

Rectum, adenocarcinoma

n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,088	50	40	0	95.3 ± 1.3	(96.6 - 94.0)
1 - 2	998	47	22	0	90.8 ± 1.8	(92.6 - 89.0)
2 - 3	929	57	21	0	85.1 ± 2.2	(87.4 - 82.9)
3 - 4	851	46	27	0	80.5 ± 2.5	(83.0 - 78.0)
4 - 5	778	22	41	0	78.1 ± 2.6	(80.7 - 75.5)
5 -	715			715		
TOTAL	1,088	222	151	715		

n1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	438	46	13	0	89.3 ± 3.0	(92.3 - 86.4)
1 - 2	379	57	5	0	75.8 ± 4.2	(80.0 - 71.7)
2 - 3	317	50	5	0	63.8 ± 4.7	(68.4 - 59.1)
3 - 4	262	25	6	0	57.6 ± 4.8	(62.4 - 52.8)
4 - 5	231	22	9	0	52.0 ± 4.9	(56.9 - 47.1)
5 -	200			200		
TOTAL	438	200	38	200		

n2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	271	34	16	0	87.1 ± 4.1	(91.2 - 82.9)
1 - 2	221	38	5	0	71.9 ± 5.6	(77.6 - 66.3)
2 - 3	178	34	1	0	58.2 ± 6.2	(64.4 - 51.9)
3 - 4	143	24	4	0	48.3 ± 6.3	(54.6 - 41.9)
4 - 5	115	10	7	0	43.9 ± 6.3	(50.3 - 37.6)
5 -	98			98		
TOTAL	271	140	33	98		

n3

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	56	13	2	0	76.4 ± 11.5	(87.8 - 64.9)
1 - 2	41	15	1	0	48.1 ± 13.7	(61.7 - 34.4)
2 - 3	25	7	1	0	34.3 ± 13.1	(47.5 - 21.2)
3 - 4	17	1	0	0	32.3 ± 13.0	(45.3 - 19.4)
4 - 5	16	1	1	0	30.2 ± 12.8	(43.0 - 17.5)
5 -	14			14		
TOTAL	56	37	5	14		

n4

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	48	21	2	0	55.3 ± 14.5	(69.8 - 40.8)
1 - 2	25	10	1	0	32.7 ± 13.9	(46.7 - 18.8)
2 - 3	14	2	2	0	27.7 ± 13.5	(41.2 - 14.2)
3 - 4	10	1	0	0	24.9 ± 13.2	(38.2 - 11.7)
4 - 5	9	3	1	0	16.1 ± 11.8	(28.0 - 4.3)
5 -	5			5		
TOTAL	48	37	6	5		

21-1 Histological depth of invasion

Colon, adenocarcinoma

m	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R ± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>87</td><td>3</td><td>2</td><td>0</td><td>96.5 ± 4.0</td><td>(100.5 - 92.6)</td></tr><tr><td>1 - 2</td><td>82</td><td>1</td><td>2</td><td>0</td><td>95.3 ± 4.6</td><td>(99.9 - 90.8)</td></tr><tr><td>2 - 3</td><td>79</td><td>1</td><td>1</td><td>0</td><td>94.1 ± 5.1</td><td>(99.2 - 89.0)</td></tr><tr><td>3 - 4</td><td>77</td><td>1</td><td>2</td><td>0</td><td>92.9 ± 5.6</td><td>(98.5 - 87.3)</td></tr><tr><td>4 - 5</td><td>74</td><td>0</td><td>2</td><td>0</td><td>92.9 ± 5.6</td><td>(98.5 - 87.3)</td></tr><tr><td>5 -</td><td>72</td><td></td><td></td><td>72</td><td></td><td></td></tr><tr><td>TOTAL</td><td>87</td><td>6</td><td>9</td><td>72</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	87	3	2	0	96.5 ± 4.0	(100.5 - 92.6)	1 - 2	82	1	2	0	95.3 ± 4.6	(99.9 - 90.8)	2 - 3	79	1	1	0	94.1 ± 5.1	(99.2 - 89.0)	3 - 4	77	1	2	0	92.9 ± 5.6	(98.5 - 87.3)	4 - 5	74	0	2	0	92.9 ± 5.6	(98.5 - 87.3)	5 -	72			72			TOTAL	87	6	9	72		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR																																																			
0 - 1	87	3	2	0	96.5 ± 4.0	(100.5 - 92.6)																																																			
1 - 2	82	1	2	0	95.3 ± 4.6	(99.9 - 90.8)																																																			
2 - 3	79	1	1	0	94.1 ± 5.1	(99.2 - 89.0)																																																			
3 - 4	77	1	2	0	92.9 ± 5.6	(98.5 - 87.3)																																																			
4 - 5	74	0	2	0	92.9 ± 5.6	(98.5 - 87.3)																																																			
5 -	72			72																																																					
TOTAL	87	6	9	72																																																					
sm	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R ± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>143</td><td>3</td><td>7</td><td>0</td><td>97.8 ± 2.5</td><td>(100.3 - 95.4)</td></tr><tr><td>1 - 2</td><td>133</td><td>2</td><td>5</td><td>0</td><td>96.3 ± 3.2</td><td>(99.6 - 93.1)</td></tr><tr><td>2 - 3</td><td>126</td><td>2</td><td>4</td><td>0</td><td>94.8 ± 3.8</td><td>(98.6 - 91.0)</td></tr><tr><td>3 - 4</td><td>120</td><td>3</td><td>4</td><td>0</td><td>92.4 ± 4.6</td><td>(97.0 - 87.7)</td></tr><tr><td>4 - 5</td><td>113</td><td>1</td><td>2</td><td>0</td><td>91.6 ± 4.9</td><td>(96.4 - 86.7)</td></tr><tr><td>5 -</td><td>110</td><td></td><td></td><td>110</td><td></td><td></td></tr><tr><td>TOTAL</td><td>143</td><td>11</td><td>22</td><td>110</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	143	3	7	0	97.8 ± 2.5	(100.3 - 95.4)	1 - 2	133	2	5	0	96.3 ± 3.2	(99.6 - 93.1)	2 - 3	126	2	4	0	94.8 ± 3.8	(98.6 - 91.0)	3 - 4	120	3	4	0	92.4 ± 4.6	(97.0 - 87.7)	4 - 5	113	1	2	0	91.6 ± 4.9	(96.4 - 86.7)	5 -	110			110			TOTAL	143	11	22	110		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR																																																			
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pm	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R ± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>181</td><td>6</td><td>8</td><td>0</td><td>96.6 ± 2.7</td><td>(99.3 - 93.9)</td></tr><tr><td>1 - 2</td><td>167</td><td>6</td><td>2</td><td>0</td><td>93.1 ± 3.8</td><td>(97.0 - 89.3)</td></tr><tr><td>2 - 3</td><td>159</td><td>6</td><td>6</td><td>0</td><td>89.5 ± 4.7</td><td>(94.2 - 84.9)</td></tr><tr><td>3 - 4</td><td>147</td><td>5</td><td>6</td><td>0</td><td>86.4 ± 5.3</td><td>(91.7 - 81.2)</td></tr><tr><td>4 - 5</td><td>136</td><td>4</td><td>4</td><td>0</td><td>83.8 ± 5.7</td><td>(89.6 - 78.1)</td></tr><tr><td>5 -</td><td>128</td><td></td><td></td><td>128</td><td></td><td></td></tr><tr><td>TOTAL</td><td>181</td><td>27</td><td>26</td><td>128</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	181	6	8	0	96.6 ± 2.7	(99.3 - 93.9)	1 - 2	167	6	2	0	93.1 ± 3.8	(97.0 - 89.3)	2 - 3	159	6	6	0	89.5 ± 4.7	(94.2 - 84.9)	3 - 4	147	5	6	0	86.4 ± 5.3	(91.7 - 81.2)	4 - 5	136	4	4	0	83.8 ± 5.7	(89.6 - 78.1)	5 -	128			128			TOTAL	181	27	26	128		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR																																																			
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ss/ai	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R ± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>934</td><td>79</td><td>46</td><td>0</td><td>91.3 ± 1.9</td><td>(93.2 - 89.5)</td></tr><tr><td>1 - 2</td><td>809</td><td>78</td><td>17</td><td>0</td><td>82.4 ± 2.5</td><td>(85.0 - 79.9)</td></tr><tr><td>2 - 3</td><td>714</td><td>52</td><td>31</td><td>0</td><td>76.3 ± 2.9</td><td>(79.2 - 73.4)</td></tr><tr><td>3 - 4</td><td>631</td><td>38</td><td>19</td><td>0</td><td>71.6 ± 3.1</td><td>(74.7 - 68.6)</td></tr><tr><td>4 - 5</td><td>574</td><td>26</td><td>28</td><td>0</td><td>68.3 ± 3.2</td><td>(71.5 - 65.1)</td></tr><tr><td>5 -</td><td>520</td><td></td><td></td><td>520</td><td></td><td></td></tr><tr><td>TOTAL</td><td>934</td><td>273</td><td>141</td><td>520</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	934	79	46	0	91.3 ± 1.9	(93.2 - 89.5)	1 - 2	809	78	17	0	82.4 ± 2.5	(85.0 - 79.9)	2 - 3	714	52	31	0	76.3 ± 2.9	(79.2 - 73.4)	3 - 4	631	38	19	0	71.6 ± 3.1	(74.7 - 68.6)	4 - 5	574	26	28	0	68.3 ± 3.2	(71.5 - 65.1)	5 -	520			520			TOTAL	934	273	141	520		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR																																																			
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5 -	520			520																																																					
TOTAL	934	273	141	520																																																					
s/a2	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R ± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>682</td><td>129</td><td>29</td><td>0</td><td>80.7 ± 3.1</td><td>(83.7 - 77.6)</td></tr><tr><td>1 - 2</td><td>524</td><td>84</td><td>11</td><td>0</td><td>67.6 ± 3.7</td><td>(71.3 - 63.9)</td></tr><tr><td>2 - 3</td><td>429</td><td>46</td><td>11</td><td>0</td><td>60.3 ± 3.8</td><td>(64.1 - 56.4)</td></tr><tr><td>3 - 4</td><td>372</td><td>32</td><td>8</td><td>0</td><td>55.0 ± 3.9</td><td>(59.0 - 51.1)</td></tr><tr><td>4 - 5</td><td>332</td><td>32</td><td>10</td><td>0</td><td>49.6 ± 4.0</td><td>(53.6 - 45.7)</td></tr><tr><td>5 -</td><td>290</td><td></td><td></td><td>290</td><td></td><td></td></tr><tr><td>TOTAL</td><td>682</td><td>323</td><td>69</td><td>290</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	682	129	29	0	80.7 ± 3.1	(83.7 - 77.6)	1 - 2	524	84	11	0	67.6 ± 3.7	(71.3 - 63.9)	2 - 3	429	46	11	0	60.3 ± 3.8	(64.1 - 56.4)	3 - 4	372	32	8	0	55.0 ± 3.9	(59.0 - 51.1)	4 - 5	332	32	10	0	49.6 ± 4.0	(53.6 - 45.7)	5 -	290			290			TOTAL	682	323	69	290		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR																																																			
0 - 1	682	129	29	0	80.7 ± 3.1	(83.7 - 77.6)																																																			
1 - 2	524	84	11	0	67.6 ± 3.7	(71.3 - 63.9)																																																			
2 - 3	429	46	11	0	60.3 ± 3.8	(64.1 - 56.4)																																																			
3 - 4	372	32	8	0	55.0 ± 3.9	(59.0 - 51.1)																																																			
4 - 5	332	32	10	0	49.6 ± 4.0	(53.6 - 45.7)																																																			
5 -	290			290																																																					
TOTAL	682	323	69	290																																																					
si/ai	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R ± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>188</td><td>57</td><td>5</td><td>0</td><td>68.9 ± 6.8</td><td>(75.8 - 62.1)</td></tr><tr><td>1 - 2</td><td>122</td><td>34</td><td>8</td><td>0</td><td>49.1 ± 7.5</td><td>(56.6 - 41.5)</td></tr><tr><td>2 - 3</td><td>80</td><td>12</td><td>1</td><td>0</td><td>41.7 ± 7.5</td><td>(49.2 - 34.2)</td></tr><tr><td>3 - 4</td><td>67</td><td>8</td><td>6</td><td>0</td><td>36.5 ± 7.4</td><td>(43.9 - 29.0)</td></tr><tr><td>4 - 5</td><td>53</td><td>1</td><td>6</td><td>0</td><td>35.7 ± 7.4</td><td>(43.1 - 28.3)</td></tr><tr><td>5 -</td><td>46</td><td></td><td></td><td>46</td><td></td><td></td></tr><tr><td>TOTAL</td><td>188</td><td>112</td><td>30</td><td>46</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	188	57	5	0	68.9 ± 6.8	(75.8 - 62.1)	1 - 2	122	34	8	0	49.1 ± 7.5	(56.6 - 41.5)	2 - 3	80	12	1	0	41.7 ± 7.5	(49.2 - 34.2)	3 - 4	67	8	6	0	36.5 ± 7.4	(43.9 - 29.0)	4 - 5	53	1	6	0	35.7 ± 7.4	(43.1 - 28.3)	5 -	46			46			TOTAL	188	112	30	46		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR																																																			
0 - 1	188	57	5	0	68.9 ± 6.8	(75.8 - 62.1)																																																			
1 - 2	122	34	8	0	49.1 ± 7.5	(56.6 - 41.5)																																																			
2 - 3	80	12	1	0	41.7 ± 7.5	(49.2 - 34.2)																																																			
3 - 4	67	8	6	0	36.5 ± 7.4	(43.9 - 29.0)																																																			
4 - 5	53	1	6	0	35.7 ± 7.4	(43.1 - 28.3)																																																			
5 -	46			46																																																					
TOTAL	188	112	30	46																																																					

21-2 Histological depth of invation

Rectum, adenocarcinoma

m

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	116	2	4	0	98.2 ± 2.5	(100.7 - 95.8)
1 - 2	110	0	2	0	98.2 ± 2.5	(100.7 - 95.8)
2 - 3	108	3	3	0	95.5 ± 4.0	(99.4 - 91.5)
3 - 4	102	3	5	0	92.6 ± 5.0	(97.6 - 87.6)
4 - 5	94	1	7	0	91.6 ± 5.4	(97.0 - 86.2)
5 -	86			86		
TOTAL	116	9	21	86		

sm

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	154	3	7	0	98.0 ± 2.3	(100.3 - 95.7)
1 - 2	144	3	6	0	95.9 ± 3.3	(99.2 - 92.7)
2 - 3	135	4	1	0	93.1 ± 4.2	(97.3 - 88.8)
3 - 4	130	4	2	0	90.2 ± 5.0	(95.2 - 85.2)
4 - 5	124	2	8	0	88.7 ± 5.3	(94.0 - 83.3)
5 -	114			114		
TOTAL	154	16	24	114		

pm

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	361	11	13	0	96.9 ± 1.8	(98.7 - 95.1)
1 - 2	337	17	6	0	92.0 ± 2.9	(94.9 - 89.1)
2 - 3	314	18	5	0	86.7 ± 3.7	(90.3 - 83.0)
3 - 4	291	9	8	0	83.9 ± 4.0	(87.9 - 80.0)
4 - 5	271	13	9	0	79.9 ± 4.4	(84.3 - 75.5)
5 -	252			252		
TOTAL	361	68	41	252		

ss/ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	640	51	27	0	91.9 ± 2.2	(94.0 - 89.7)
1 - 2	562	50	15	0	83.6 ± 3.0	(86.6 - 80.6)
2 - 3	497	47	13	0	75.6 ± 3.5	(79.1 - 72.1)
3 - 4	437	29	13	0	70.5 ± 3.7	(74.2 - 66.7)
4 - 5	395	18	26	0	67.2 ± 3.9	(71.0 - 63.3)
5 -	351			351		
TOTAL	640	195	94	351		

s/a2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	596	91	23	0	84.4 ± 3.0	(87.4 - 81.4)
1 - 2	482	84	1	0	65.7 ± 3.8	(73.5 - 65.9)
2 - 3	397	69	10	0	57.4 ± 4.1	(61.6 - 53.3)
3 - 4	318	45	9	0	49.2 ± 4.2	(53.4 - 45.0)
4 - 5	264	24	10	0	44.6 ± 4.2	(48.8 - 40.4)
5 -	230			230		
TOTAL	596	313	53	230		

si/ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	119	32	5	0	72.5 ± 8.3	(80.8 - 64.3)
1 - 2	82	21	5	0	53.4 ± 9.4	(62.8 - 44.0)
2 - 3	56	12	1	0	41.8 ± 9.4	(51.3 - 32.4)
3 - 4	43	8	1	0	34.0 ± 9.2	(43.1 - 24.8)
4 - 5	34	2	0	0	32.0 ± 9.0	(41.0 - 22.9)
5 -	32			32		
TOTAL	119	75	12	32		

22-1 Modality of principal treatment

Colon, adenocarcinoma

Endoscopic polypectomy

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	62	1	13	0	98.2 ± 3.6	(101.8 - 94.6)
1 - 2	48	1	4	0	96.1 ± 5.5	(101.5 - 90.6)
2 - 3	43	0	2	0	96.1 ± 5.5	(101.5 - 90.6)
3 - 4	41	2	3	0	91.2 ± 8.5	(99.7 - 82.7)
4 - 5	36	0	3	0	91.2 ± 8.5	(99.7 - 82.7)
5 -	33			33		
TOTAL	62	4	25	33		

Surgery

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2,259	298	102	0	86.5 ± 1.5	(88.0 - 85.0)
1 - 2	1,859	209	45	0	76.7 ± 1.8	(78.5 - 74.8)
2 - 3	1,605	121	55	0	70.8 ± 2.0	(72.7 - 68.8)
3 - 4	1,429	87	45	0	66.4 ± 2.1	(68.5 - 64.3)
4 - 5	1,297	64	55	0	63.1 ± 2.1	(65.2 - 60.9)
5 -	1,178			1,178		
TOTAL	2,259	779	302	1,178		

Others (chemotherapy, radiation etc.)

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	4	4	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	4	4	0	0		

No treatment

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	5	3	0	0	40.0 ± 43.8	(83.8 - -3.8)
1 - 2	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
2 - 3	2	1	0	0	20.0 ± 35.8	(55.8 --15.8)
3 - 4	1	0	0	0	20.0 ± 35.8	(55.8 --15.8)
4 - 5	1	0	0	0	20.0 ± 35.8	(55.8 --15.8)
5 -	1			1		
TOTAL	5	4	0	1		

22-2 Modality of principal treatment

Rectum, adenocarcinoma

Endoscopic polypectomy

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	26	0	2	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	24	0	2	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	22	0	2	0	100.0 ± 0.0	(100.0 -100.0)
3 - 4	20	0	1	0	100.0 ± 0.0	(100.0 -100.0)
4 - 5	19	0	1	0	100.0 ± 0.0	(100.0 -100.0)
5 -	18			18		
TOTAL	26	0	8	18		

Surgery

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2,027	209	83	0	89.5 ± 1.4	(90.9 - 88.1)
1 - 2	1,735	184	36	0	79.9 ± 1.8	(81.7 - 78.1)
2 - 3	1,515	156	34	0	71.6 ± 2.1	(73.6 - 69.5)
3 - 4	1,325	99	38	0	66.1 ± 2.2	(68.3 - 64.0)
4 - 5	1,188	60	60	0	62.7 ± 2.2	(64.9 - 60.5)
5 -	1,068			1,068		
TOTAL	2,027	708	251	1,068		

Others (chemotherapy, radiation etc.)

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	8	3	0	0	62.5 ± 34.2	(96.7 - 28.3)
1 - 2	5	3	1	0	20.8 ± 30.0	(50.9 - -9.2)
2 - 3	1	0	0	0	20.8 ± 30.0	(50.9 - -9.2)
3 - 4	1	0	0	0	20.8 ± 30.0	(50.9 - -9.2)
4 - 5	1	0	0	0	20.8 ± 30.0	(50.9 - -9.2)
5 -	1			1		
TOTAL	8	6	1	1		

No treatment

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
1 - 2	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	2	2	0	0		

23 H0, P0, M(-), N0, or n0

Colon, N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	701	25	27	0	96.4 ± 1.4	(97.8 - 94.9)
1 - 2	649	14	17	0	94.3 ± 1.8	(96.0 - 92.5)
2 - 3	618	26	15	0	90.2 ± 2.3	(92.5 - 87.9)
3 - 4	577	27	18	0	86.0 ± 2.7	(88.7 - 83.2)
4 - 5	532	16	29	0	83.3 ± 2.9	(86.2 - 80.4)
5 -	487			487		
TOTAL	701	108	106	487		

Rectum, N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	843	31	24	0	96.3 ± 1.3	(97.6 - 95.0)
1 - 2	788	39	12	0	91.5 ± 2.0	(93.4 - 89.5)
2 - 3	737	42	14	0	86.2 ± 2.4	(88.6 - 83.8)
3 - 4	681	22	19	0	83.4 ± 2.6	(86.0 - 80.8)
4 - 5	640	18	37	0	81.0 ± 2.8	(83.8 - 78.2)
5 -	585			585		
TOTAL	843	152	106	585		

Colon, n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	723	29	24	0	95.9 ± 1.5	(97.4 - 94.4)
1 - 2	670	16	16	0	93.6 ± 1.8	(95.4 - 91.8)
2 - 3	638	25	22	0	89.9 ± 2.3	(92.2 - 87.6)
3 - 4	591	22	14	0	86.5 ± 2.6	(89.1 - 83.9)
4 - 5	555	19	19	0	83.5 ± 2.9	(86.3 - 80.6)
5 -	517			517		
TOTAL	723	111	95	517		

Rectum, n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	653	22	19	0	96.6 ± 1.4	(98.0 - 95.1)
1 - 2	612	18	6	0	93.7 ± 1.9	(95.6 - 91.8)
2 - 3	588	25	11	0	89.7 ± 2.4	(92.1 - 87.3)
3 - 4	552	22	13	0	86.1 ± 2.8	(88.9 - 83.3)
4 - 5	517	11	28	0	84.2 ± 2.9	(87.1 - 81.3)
5 -	478			478		
TOTAL	653	98	77	478		

24-1 N0, H0, P0, M(-) by macroscopic depth of invasion

Colon, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	84	5	2	0	94.0 ± 5.2	(99.2 - 88.8)
1 - 2	77	0	2	0	94.0 ± 5.2	(99.2 - 88.8)
2 - 3	75	0	1	0	94.0 ± 5.2	(99.2 - 88.8)
3 - 4	74	3	3	0	90.1 ± 6.7	(96.8 - 83.4)
4 - 5	68	0	3	0	90.1 ± 6.7	(96.8 - 83.4)
5 -	65			65		
TOTAL	84	8	11	65		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	112	0	4	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	108	3	4	0	97.2 ± 3.2	(100.4 - 93.9)
2 - 3	101	1	4	0	96.2 ± 3.7	(99.9 - 92.4)
3 - 4	96	1	1	0	95.2 ± 4.2	(99.4 - 91.0)
4 - 5	94	2	2	0	93.1 ± 5.0	(98.1 - 88.1)
5 -	90			90		
TOTAL	112	7	15	90		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	118	2	4	0	98.3 ± 2.4	(100.7 - 95.9)
1 - 2	112	3	3	0	95.6 ± 3.8	(99.5 - 91.8)
2 - 3	106	5	2	0	91.1 ± 5.4	(96.5 - 85.7)
3 - 4	99	1	5	0	90.1 ± 5.7	(95.8 - 84.4)
4 - 5	93	3	5	0	87.1 ± 6.4	(93.6 - 80.7)
5 -	85			85		
TOTAL	118	14	19	85		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	179	4	8	0	97.7 ± 2.3	(100.0 - 95.5)
1 - 2	167	0	3	0	97.7 ± 2.3	(100.0 - 95.5)
2 - 3	164	6	4	0	94.1 ± 3.6	(97.7 - 90.5)
3 - 4	154	12	4	0	86.7 ± 5.3	(92.0 - 81.4)
4 - 5	138	5	14	0	83.4 ± 5.9	(89.2 - 77.5)
5 -	119			119		
TOTAL	179	27	33	119		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	154	10	8	0	93.3 ± 4.1	(97.4 - 89.3)
1 - 2	136	6	3	0	89.2 ± 5.1	(94.3 - 84.1)
2 - 3	127	12	2	0	80.7 ± 6.6	(87.2 - 74.1)
3 - 4	113	8	1	0	74.9 ± 7.2	(82.2 - 67.7)
4 - 5	104	5	3	0	71.3 ± 7.6	(78.9 - 63.7)
5 -	96			96		
TOTAL	154	41	17	96		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	36	4	0	0	88.9 ± 10.5	(99.4 - 78.4)
1 - 2	32	2	1	0	83.2 ± 12.5	(95.7 - 70.8)
2 - 3	29	2	0	0	77.5 ± 14.0	(91.5 - 63.5)
3 - 4	27	2	2	0	71.5 ± 15.3	(86.8 - 56.3)
4 - 5	23	1	2	0	68.3 ± 15.9	(84.2 - 52.4)
5 -	20			20		
TOTAL	36	11	5	20		

24-2 N1, H0, P0, M(−) by macroscopic depth of invasion

Colon, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
3 - 4	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
4 - 5	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
5 -	1			1		
TOTAL	1	0	0	1		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	8	0	0	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	8	0	0	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	8	1	0	0	87.5 ± 23.4	(110.9 - 64.1)
3 - 4	7	0	0	0	87.5 ± 23.4	(110.9 - 64.1)
4 - 5	7	0	0	0	87.5 ± 23.4	(110.9 - 64.1)
5 -	7			7		
TOTAL	8	1	0	7		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	32	0	0	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	32	2	1	0	93.7 ± 8.7	(102.3 - 85.0)
2 - 3	29	0	0	0	93.7 ± 8.7	(102.3 - 85.0)
3 - 4	29	1	0	0	90.4 ± 10.5	(100.9 - 79.9)
4 - 5	28	0	1	0	90.4 ± 10.5	(100.9 - 79.9)
5 -	27			27		
TOTAL	32	3	2	27		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	166	6	9	0	96.3 ± 3.0	(99.3 - 93.3)
1 - 2	151	7	2	0	91.8 ± 4.4	(96.2 - 87.4)
2 - 3	142	7	9	0	87.1 ± 5.4	(92.5 - 81.7)
3 - 4	126	9	3	0	80.8 ± 6.4	(87.2 - 74.4)
4 - 5	114	8	2	0	75.1 ± 7.1	(82.2 - 68.0)
5 -	104			104		
TOTAL	166	37	25	104		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	271	14	11	0	94.7 ± 2.7	(97.5 - 92.0)
1 - 2	246	15	4	0	88.9 ± 3.9	(92.8 - 85.0)
2 - 3	227	11	11	0	84.5 ± 4.5	(89.0 - 80.0)
3 - 4	205	10	6	0	80.3 ± 5.0	(85.3 - 75.3)
4 - 5	189	12	2	0	75.2 ± 5.5	(80.7 - 69.7)
5 -	175			175		
TOTAL	271	62	34	175		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	85	7	1	0	91.7 ± 6.0	(97.7 - 85.7)
1 - 2	77	6	3	0	84.4 ± 7.9	(92.4 - 76.5)
2 - 3	68	5	2	0	78.1 ± 9.1	(87.3 - 69.0)
3 - 4	61	4	6	0	72.7 ± 10.0	(82.7 - 62.8)
4 - 5	51	2	2	0	69.8 ± 10.4	(80.2 - 59.4)
5 -	47			47		
TOTAL	85	24	14	47		

24-3 N2, H0, P0, M(–) by macroscopic depth of invasion

Colon, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
2 - 3	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
3 - 4	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
4 - 5	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
5 -	1			1		
TOTAL	2	1	0	1		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	6	0	0	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	6	0	0	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	6	0	0	0	100.0 ± 0.0	(100.0 -100.0)
3 - 4	6	0	0	0	100.0 ± 0.0	(100.0 -100.0)
4 - 5	6	0	0	0	100.0 ± 0.0	(100.0 -100.0)
5 -	6			6		
TOTAL	6	0	0	6		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	67	3	4	0	95.4 ± 5.2	(100.6 - 90.2)
1 - 2	60	3	3	0	90.5 ± 7.4	(97.9 - 83.1)
2 - 3	54	2	2	0	87.1 ± 8.5	(95.6 - 78.5)
3 - 4	50	4	2	0	80.0 ± 10.4	(90.4 - 69.6)
4 - 5	44	1	3	0	78.1 ± 10.8	(88.9 - 67.3)
5 -	40			40		
TOTAL	67	13	14	40		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	178	5	6	0	97.1 ± 2.5	(99.7 - 94.6)
1 - 2	167	6	1	0	87.8 ± 5.0	(92.8 - 82.8)
2 - 3	150	7	5	0	83.6 ± 5.7	(89.3 - 78.0)
3 - 4	138	8	3	0	78.7 ± 6.3	(85.0 - 72.4)
4 - 5	127	7	2	0	74.4 ± 6.8	(81.1 - 67.6)
5 -	118			118		
TOTAL	178	43	17	118		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	79	8	1	0	89.8 ± 6.8	(96.6 - 83.0)
1 - 2	70	15	1	0	70.4 ± 10.4	(80.8 - 60.1)
2 - 3	54	3	1	0	66.5 ± 10.7	(77.2 - 55.7)
3 - 4	50	5	2	0	59.7 ± 11.3	(70.9 - 48.5)
4 - 5	43	1	4	0	58.2 ± 11.3	(69.6 - 46.9)
5 -	38			38		
TOTAL	79	32	9	38		

24-4 N3, H0, P0, M(-) by macroscopic depth of invasion

Colon, adenocarcinoma

M	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	5 -	0			0				
	TOTAL	0	0	0	0				

SM	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	5 -	0			0				
	TOTAL	0	0	0	0				

PM	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)		
	5 -	0			0				
	TOTAL	0	0	0	0				

SS/A1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	12	1	0	0	91.7 ± 16.0	(107.6 - 75.7)		
	1 - 2	11	0	0	0	91.7 ± 16.0	(107.6 - 75.7)		
	2 - 3	11	0	1	0	91.7 ± 16.0	(107.6 - 75.7)		
	3 - 4	10	2	0	0	73.3 ± 26.5	(99.8 - 46.9)		
	4 - 5	8	0	1	0	73.3 ± 26.5	(99.8 - 46.9)		
	5 -	7			7				
	TOTAL	12	3	2	7				

S/A2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	43	2	3	0	95.2 ± 6.6	(101.8 - 88.5)		
	1 - 2	38	4	0	0	85.2 ± 11.2	(96.4 - 74.0)		
	2 - 3	34	2	2	0	80.0 ± 12.7	(92.7 - 67.3)		
	3 - 4	30	1	0	0	77.3 ± 13.3	(90.7 - 64.0)		
	4 - 5	29	3	1	0	69.2 ± 14.9	(84.1 - 54.3)		
	5 -	25			25				
	TOTAL	43	12	6	25				

Si/Ai	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	40	5	3	0	87.0 ± 10.8	(97.8 - 76.2)		
	1 - 2	32	4	1	0	76.0 ± 14.0	(90.0 - 62.0)		
	2 - 3	27	3	0	0	67.5 ± 15.5	(83.0 - 52.1)		
	3 - 4	24	1	0	0	64.7 ± 15.8	(80.5 - 48.9)		
	4 - 5	23	1	2	0	61.8 ± 16.2	(77.9 - 45.6)		
	5 -	20			20				
	TOTAL	40	14	6	20				

24-5 N4, H0, P0, M(-) by macroscopic depth of invasion

Colon, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	5	2	1	0	55.6 ± 46.8	(102.4 - 8.7)
1 - 2	2	0	0	0	55.6 ± 46.8	(102.4 - 8.7)
2 - 3	2	0	0	0	55.6 ± 46.8	(102.4 - 8.7)
3 - 4	2	1	0	0	27.8 ± 45.7	(73.5 --18.0)
4 - 5	1	0	0	0	27.8 ± 45.7	(73.5 --18.0)
5 -	1			1		
TOTAL	5	3	1	1		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	16	4	1	0	74.2 ± 22.2	(96.4 - 52.0)
1 - 2	11	2	1	0	60.1 ± 25.4	(85.5 - 34.6)
2 - 3	8	4	0	0	30.0 ± 24.8	(54.8 - 5.3)
3 - 4	4	0	0	0	30.0 ± 24.8	(54.8 - 5.3)
4 - 5	4	1	0	0	22.5 ± 22.7	(45.2 - -0.1)
5 -	3			3		
TOTAL	16	11	2	3		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	17	5	1	0	69.7 ± 22.6	(92.3 - 47.1)
1 - 2	11	3	1	0	49.8 ± 25.3	(75.1 - 24.5)
2 - 3	7	1	0	0	42.7 ± 25.4	(68.0 - 17.3)
3 - 4	6	0	1	0	42.7 ± 25.4	(68.0 - 17.3)
4 - 5	5	0	0	0	42.7 ± 25.4	(68.0 - 17.3)
5 -	5			5		
TOTAL	17	9	3	5		

24-6 N0, H0, P0, M(—) by macroscopic depth of invasion

Rectum, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	76	1	3	0	98.7 ± 2.7	(101.3 - 96.0)
1 - 2	72	0	3	0	98.7 ± 2.7	(101.3 - 96.0)
2 - 3	69	3	5	0	94.2 ± 5.6	(99.8 - 88.6)
3 - 4	61	2	1	0	91.1 ± 7.0	(98.0 - 84.1)
4 - 5	58	0	5	0	91.1 ± 7.0	(98.0 - 84.1)
5 -	53			53		
TOTAL	76	6	17	53		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	123	1	5	0	99.2 ± 1.7	(100.8 - 97.5)
1 - 2	117	0	2	0	99.2 ± 1.7	(100.8 - 97.5)
2 - 3	115	3	0	0	96.6 ± 3.4	(99.9 - 93.2)
3 - 4	112	2	3	0	94.8 ± 4.1	(98.9 - 90.7)
4 - 5	107	2	8	0	93.0 ± 4.8	(97.8 - 88.2)
5 -	97			97		
TOTAL	123	8	18	97		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	200	9	5	0	95.4 ± 3.0	(98.4 - 92.5)
1 - 2	186	6	4	0	92.3 ± 3.8	(96.1 - 88.5)
2 - 3	176	8	3	0	88.1 ± 4.7	(92.8 - 83.4)
3 - 4	165	1	5	0	87.6 ± 4.8	(92.3 - 82.8)
4 - 5	159	5	8	0	84.7 ± 5.2	(90.0 - 79.5)
5 -	146			146		
TOTAL	200	29	25	146		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	224	6	5	0	97.3 ± 2.2	(99.5 - 95.1)
1 - 2	213	14	3	0	90.9 ± 3.9	(94.8 - 87.0)
2 - 3	196	12	2	0	85.3 ± 4.8	(90.1 - 80.4)
3 - 4	182	8	4	0	81.5 ± 5.3	(86.8 - 76.2)
4 - 5	170	4	12	0	79.5 ± 5.5	(85.0 - 74.0)
5 -	154			154		
TOTAL	224	44	26	154		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	172	11	4	0	93.5 ± 3.8	(97.3 - 89.8)
1 - 2	157	14	0	0	85.2 ± 5.5	(90.7 - 79.7)
2 - 3	143	14	3	0	76.8 ± 6.5	(83.3 - 70.2)
3 - 4	126	8	3	0	71.8 ± 7.0	(78.8 - 64.9)
4 - 5	115	7	4	0	67.4 ± 7.3	(74.7 - 60.1)
5 -	104			104		
TOTAL	172	54	14	104		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	27	3	1	0	88.7 ± 12.3	(101.0 - 76.4)
1 - 2	23	3	0	0	77.1 ± 16.4	(93.5 - 60.7)
2 - 3	20	2	0	0	69.4 ± 18.0	(87.4 - 51.4)
3 - 4	18	1	1	0	65.4 ± 18.7	(84.1 - 46.8)
4 - 5	16	0	0	0	65.4 ± 18.7	(84.1 - 46.8)
5 -	16			16		
TOTAL	27	9	2	16		

24-7 N1, H0, P0, M(-) by macroscopic depth of invasion

Rectum, adenocarcinoma

M	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
	3 - 4	1	0	1	0	50.0 ± 70.7	(120.7 --20.7)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	2	1	1	0		
SM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	10	1	1	0	89.5 ± 19.9	(109.4 - 69.6)
	1 - 2	8	1	1	0	77.5 ± 28.1	(105.7 - 49.4)
	2 - 3	6	0	0	0	77.5 ± 28.1	(105.7 - 49.4)
	3 - 4	6	1	0	0	64.6 ± 33.3	(97.9 - 31.4)
	4 - 5	5	0	0	0	64.6 ± 33.3	(97.9 - 31.4)
	5 -	5			5		
	TOTAL	10	3	2	5		
PM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	41	2	1	0	95.1 ± 6.8	(101.9 - 88.3)
	1 - 2	38	2	1	0	90.0 ± 9.5	(99.5 - 80.5)
	2 - 3	35	2	1	0	84.8 ± 11.5	(96.2 - 73.3)
	3 - 4	32	2	1	0	79.4 ± 13.0	(92.4 - 66.4)
	4 - 5	29	1	1	0	76.6 ± 13.7	(90.3 - 62.9)
	5 -	27			27		
	TOTAL	41	9	5	27		
SS/A1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	174	2	8	0	98.8 ± 1.7	(100.5 - 97.2)
	1 - 2	164	9	4	0	93.3 ± 3.9	(97.2 - 89.4)
	2 - 3	151	13	4	0	85.2 ± 5.6	(90.8 - 79.6)
	3 - 4	134	14	2	0	76.2 ± 6.7	(83.0 - 69.5)
	4 - 5	118	12	6	0	68.3 ± 7.4	(75.7 - 60.8)
	5 -	100			100		
	TOTAL	174	50	24	100		
S/A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	221	12	6	0	94.5 ± 3.1	(97.6 - 91.4)
	1 - 2	203	12	4	0	88.9 ± 4.3	(93.1 - 84.6)
	2 - 3	187	25	4	0	76.8 ± 5.8	(82.7 - 71.0)
	3 - 4	158	19	5	0	67.5 ± 6.5	(74.0 - 61.0)
	4 - 5	134	8	4	0	63.4 ± 6.7	(70.1 - 56.6)
	5 -	122			122		
	TOTAL	221	76	23	122		
Si/Ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	61	4	3	0	93.3 ± 6.5	(99.8 - 86.8)
	1 - 2	54	7	2	0	81.0 ± 10.3	(91.3 - 70.6)
	2 - 3	45	9	1	0	64.6 ± 12.8	(77.4 - 51.8)
	3 - 4	35	1	2	0	62.7 ± 13.0	(75.6 - 49.7)
	4 - 5	32	2	1	0	58.7 ± 13.3	(72.0 - 45.4)
	5 -	29			29		
	TOTAL	61	23	9	29		

24-8 N2, H0, P0, M(—) by macroscopic depth of invasion

Rectum, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
2 - 3	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
3 - 4	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
4 - 5	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
5 -	1			1		
TOTAL	2	1	0	1		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	13	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	12	1	0	0	91.7 ± 16.0	(107.6 - 75.7)
2 - 3	11	1	0	0	83.3 ± 21.5	(104.9 - 61.8)
3 - 4	10	1	0	0	75.0 ± 25.0	(100.0 - 50.0)
4 - 5	9	0	1	0	75.0 ± 25.0	(100.0 - 50.0)
5 -	8			8		
TOTAL	13	3	2	8		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	67	4	3	0	93.9 ± 5.9	(99.8 - 88.0)
1 - 2	60	5	1	0	86.0 ± 8.7	(94.7 - 77.3)
2 - 3	54	4	1	0	79.6 ± 10.1	(89.7 - 69.5)
3 - 4	49	4	2	0	72.9 ± 11.2	(84.2 - 61.7)
4 - 5	43	1	3	0	71.2 ± 11.5	(82.7 - 59.7)
5 -	39			39		
TOTAL	67	18	10	39		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	120	6	3	0	94.9 ± 4.0	(99.0 - 90.9)
1 - 2	111	16	0	0	81.3 ± 7.2	(88.5 - 74.0)
2 - 3	95	13	1	0	70.1 ± 8.5	(78.5 - 61.6)
3 - 4	81	10	1	0	61.4 ± 9.0	(70.4 - 52.3)
4 - 5	70	3	4	0	58.7 ± 9.2	(67.8 - 49.5)
5 -	63			63		
TOTAL	120	48	9	63		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	46	6	0	0	87.0 ± 9.9	(96.9 - 77.0)
1 - 2	40	9	1	0	67.1 ± 13.9	(81.1 - 53.2)
2 - 3	30	4	1	0	58.0 ± 14.7	(72.7 - 43.3)
3 - 4	25	5	0	0	46.4 ± 15.0	(61.4 - 31.4)
4 - 5	20	2	1	0	41.7 ± 14.9	(56.6 - 26.8)
5 -	17			17		
TOTAL	46	26	3	17		

24-9 N3, H0, P0, M(-) by macroscopic depth of invasion

Rectum, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
2 - 3	3	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
3 - 4	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
4 - 5	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
5 -	2			2		
TOTAL	3	1	0	2		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	7	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	7	1	1	0	84.6 ± 28.3	(112.9 - 56.3)
2 - 3	5	0	1	0	84.6 ± 28.3	(112.9 - 56.3)
3 - 4	4	0	1	0	84.6 ± 28.3	(112.9 - 56.3)
4 - 5	3	1	0	0	56.4 ± 49.8	(106.2 - 6.6)
5 -	2			2		
TOTAL	7	2	3	2		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	22	3	0	0	86.4 ± 11.6	(101.0 - 71.7)
1 - 2	19	4	0	0	68.2 ± 19.9	(88.0 - 48.3)
2 - 3	15	1	0	0	63.6 ± 20.5	(84.1 - 43.1)
3 - 4	14	2	0	0	54.5 ± 21.2	(75.8 - 33.3)
4 - 5	12	2	1	0	45.1 ± 21.4	(66.4 - 23.7)
5 -	9			9		
TOTAL	22	12	1	9		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	20	4	4	0	77.8 ± 19.6	(97.4 - 58.2)
1 - 2	12	3	0	0	58.3 ± 24.4	(82.7 - 34.0)
2 - 3	9	1	0	0	51.9 ± 24.9	(76.7 - 27.0)
3 - 4	8	1	1	0	44.9 ± 25.1	(70.0 - 19.8)
4 - 5	6	0	0	0	44.9 ± 25.1	(70.0 - 19.8)
5 -	6			6		
TOTAL	20	9	5	6		

24-10 N4, H0, P0, M(-) by macroscopic depth of invasion

Rectum, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

SM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	0	0	0	0		

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2	1	1	0	33.3 ± 77.0	(110.3 --43.6)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	2	1	1	0		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1	0	1	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	1	0	1	0		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	14	8	2	0	38.5 ± 27.0	(65.4 - 11.5)
1 - 2	4	0	0	0	38.5 ± 27.0	(65.4 - 11.5)
2 - 3	4	1	0	0	28.8 ± 26.2	(55.1 - 2.6)
3 - 4	3	1	0	0	19.2 ± 23.5	(42.7 - -4.3)
4 - 5	2	0	0	0	19.2 ± 23.5	(42.7 - -4.3)
5 -	2			2		
TOTAL	14	10	2	2		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	8	2	0	0	75.0 ± 30.6	(105.6 - 44.4)
1 - 2	6	1	0	0	62.5 ± 34.2	(96.7 - 28.3)
2 - 3	5	0	1	0	62.5 ± 34.2	(96.7 - 28.3)
3 - 4	4	0	0	0	62.5 ± 34.2	(96.7 - 28.3)
4 - 5	4	1	0	0	46.9 ± 37.3	(84.2 - 9.6)
5 -	3			3		
TOTAL	8	4	1	3		

25-1 n0, H0, P0, M(-) by histological depth of invasion

Colon, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	76	4	2	0	94.7 ± 5.2	(99.9 - 89.5)
	1 - 2	70	0	2	0	94.7 ± 5.2	(99.9 - 89.5)
	2 - 3	68	0	1	0	94.7 ± 5.2	(99.9 - 89.5)
	3 - 4	67	3	3	0	90.3 ± 7.0	(97.3 - 83.4)
	4 - 5	61	0	3	0	90.3 ± 7.0	(97.3 - 83.4)
	5 -	58			58		
	TOTAL	76	7	11	58		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	114	1	4	0	99.1 ± 1.8	(100.9 - 97.3)
	1 - 2	109	3	4	0	96.3 ± 3.6	(99.9 - 92.7)
	2 - 3	102	1	4	0	95.4 ± 4.1	(99.4 - 91.3)
	3 - 4	97	1	1	0	94.4 ± 4.5	(98.8 - 89.9)
	4 - 5	95	2	2	0	92.4 ± 5.2	(97.6 - 87.2)
	5 -	91			91		
	TOTAL	114	8	15	91		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	119	2	3	0	98.3 ± 2.4	(100.7 - 95.9)
	1 - 2	114	3	3	0	95.7 ± 3.8	(99.5 - 91.9)
	2 - 3	108	3	2	0	93.0 ± 4.8	(97.8 - 88.2)
	3 - 4	103	2	4	0	91.2 ± 5.3	(96.5 - 85.8)
	4 - 5	97	3	4	0	88.3 ± 6.1	(94.4 - 82.1)
	5 -	90			90		
	TOTAL	119	13	16	90		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	276	8	14	0	97.0 ± 2.1	(99.1 - 95.0)
	1 - 2	254	2	7	0	96.3 ± 2.3	(98.6 - 93.9)
	2 - 3	245	12	11	0	91.4 ± 3.5	(94.9 - 87.9)
	3 - 4	222	17	6	0	84.3 ± 4.6	(89.0 - 79.7)
	4 - 5	199	7	14	0	81.3 ± 5.0	(86.3 - 76.3)
	5 -	178			178		
	TOTAL	276	46	52	178		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	358	12	18	0	96.6 ± 2.0	(98.5 - 94.6)
	1 - 2	328	10	5	0	93.6 ± 2.6	(96.2 - 91.0)
	2 - 3	313	15	10	0	89.0 ± 3.4	(92.4 - 85.6)
	3 - 4	288	13	6	0	85.0 ± 3.9	(88.9 - 81.1)
	4 - 5	269	13	4	0	80.8 ± 4.4	(85.2 - 76.5)
	5 -	252			252		
	TOTAL	358	63	43	252		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	140	10	3	0	92.8 ± 4.4	(97.2 - 88.4)
	1 - 2	127	11	5	0	84.6 ± 6.2	(90.8 - 78.4)
	2 - 3	111	5	1	0	80.8 ± 6.8	(87.5 - 74.0)
	3 - 4	105	4	5	0	77.6 ± 7.2	(84.8 - 70.4)
	4 - 5	96	1	5	0	76.8 ± 7.3	(84.1 - 69.4)
	5 -	90			90		
	TOTAL	140	31	19	90		

25-2 n1, H0, P0, M(–) by histological depth of invasion

Colon, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	1 - 2	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	2 - 3	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	3 - 4	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	4 - 5	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	5 -	3			3		
	TOTAL	4	1	0	3		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	7	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	7	1	0	0	85.7 ± 26.5	(112.2 - 59.3)
	2 - 3	6	0	0	0	85.7 ± 26.5	(112.2 - 59.3)
	3 - 4	6	0	0	0	85.7 ± 26.5	(112.2 - 59.3)
	4 - 5	6	0	0	0	85.7 ± 26.5	(112.2 - 59.3)
	5 -	6			6		
	TOTAL	7	1	0	6		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	23	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	23	1	1	0	95.6 ± 8.7	(104.2 - 86.9)
	2 - 3	21	1	0	0	91.0 ± 12.1	(103.1 - 78.9)
	3 - 4	20	0	0	0	91.0 ± 12.1	(103.1 - 78.9)
	4 - 5	20	0	1	0	91.0 ± 12.1	(103.1 - 78.9)
	5 -	19			19		
	TOTAL	23	2	2	19		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	100	3	5	0	96.9 ± 3.5	(100.4 - 93.4)
	1 - 2	92	5	1	0	91.6 ± 5.7	(97.3 - 86.0)
	2 - 3	86	3	5	0	88.3 ± 6.6	(95.0 - 81.7)
	3 - 4	78	2	2	0	86.0 ± 7.2	(93.2 - 78.8)
	4 - 5	74	3	3	0	82.5 ± 8.0	(90.5 - 74.5)
	5 -	68			68		
	TOTAL	100	16	16	68		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	161	14	5	0	91.2 ± 4.5	(95.7 - 86.7)
	1 - 2	142	13	1	0	82.8 ± 6.0	(88.8 - 76.8)
	2 - 3	128	6	4	0	78.8 ± 6.5	(85.4 - 72.3)
	3 - 4	118	7	2	0	74.1 ± 7.1	(81.2 - 67.1)
	4 - 5	109	7	2	0	69.3 ± 7.5	(76.8 - 61.8)
	5 -	100			100		
	TOTAL	161	47	14	100		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	50	6	0	0	88.0 ± 9.2	(97.2 - 78.8)
	1 - 2	44	8	0	0	72.0 ± 12.7	(84.7 - 59.3)
	2 - 3	36	4	1	0	63.9 ± 13.6	(77.5 - 50.3)
	3 - 4	31	4	5	0	54.9 ± 14.4	(69.3 - 40.6)
	4 - 5	22	1	2	0	52.3 ± 14.6	(66.9 - 37.7)
	5 -	19			19		
	TOTAL	50	23	8	19		

25-3 n2, H0, P0, M(-) by histological depth of invasion

Colon, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	1	1	0	0		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	9	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	9	1	0	0	88.9 ± 21.0	(109.8 - 67.9)
	2 - 3	8	1	0	0	77.8 ± 27.7	(105.5 - 50.1)
	3 - 4	7	0	0	0	77.8 ± 27.7	(105.5 - 50.1)
	4 - 5	7	0	1	0	77.8 ± 27.7	(105.5 - 50.1)
	5 -	6			6		
	TOTAL	9	2	1	6		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	39	3	2	0	92.1 ± 8.7	(100.9 - 83.4)
	1 - 2	34	3	0	0	84.0 ± 12.0	(96.0 - 72.0)
	2 - 3	31	0	0	0	84.0 ± 12.0	(96.0 - 72.0)
	3 - 4	31	6	0	0	67.7 ± 15.4	(83.1 - 52.4)
	4 - 5	25	4	1	0	56.7 ± 16.3	(73.0 - 40.3)
	5 -	20			20		
	TOTAL	39	16	3	20		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	94	5	2	0	94.6 ± 4.7	(99.3 - 89.9)
	1 - 2	87	15	2	0	78.1 ± 8.7	(86.8 - 69.5)
	2 - 3	70	8	3	0	69.0 ± 9.8	(78.8 - 59.2)
	3 - 4	59	5	2	0	63.0 ± 10.3	(73.3 - 52.8)
	4 - 5	52	4	2	0	58.1 ± 10.6	(68.7 - 47.5)
	5 -	46			46		
	TOTAL	94	37	11	46		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	39	4	2	0	89.5 ± 10.0	(99.4 - 79.5)
	1 - 2	33	8	1	0	67.4 ± 15.5	(82.9 - 52.0)
	2 - 3	24	2	1	0	61.7 ± 16.1	(77.8 - 45.6)
	3 - 4	21	3	1	0	52.7 ± 16.8	(69.5 - 35.9)
	4 - 5	17	1	2	0	49.4 ± 17.0	(66.4 - 32.4)
	5 -	14			14		
	TOTAL	39	18	7	14		

25-4 n3, H0, P0, M(-) by histological depth of invasion

Colon, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	5 -	1			1		
	TOTAL	1	0	0	1		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	1	0	0	87.5 ± 23.4	(110.9 - 64.1)
	1 - 2	7	0	0	0	87.5 ± 23.4	(110.9 - 64.1)
	2 - 3	7	0	0	0	87.5 ± 23.4	(110.9 - 64.1)
	3 - 4	7	2	1	0	60.6 ± 35.6	(96.2 - 25.0)
	4 - 5	4	0	1	0	60.6 ± 35.6	(96.2 - 25.0)
	5 -	3			3		
	TOTAL	8	3	2	3		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	30	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	29	2	0	0	93.1 ± 9.4	(102.5 - 83.7)
	2 - 3	27	4	2	0	78.8 ± 15.4	(94.2 - 63.4)
	3 - 4	21	2	0	0	71.3 ± 17.2	(88.5 - 54.1)
	4 - 5	19	3	0	0	60.0 ± 18.8	(78.8 - 41.3)
	5 -	16			16		
	TOTAL	30	11	3	16		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	13	3	0	0	76.9 ± 23.4	(100.3 - 53.6)
	1 - 2	10	0	0	0	76.9 ± 23.4	(100.3 - 53.6)
	2 - 3	10	2	0	0	61.5 ± 27.0	(88.5 - 34.6)
	3 - 4	8	1	0	0	53.8 ± 27.7	(81.5 - 26.2)
	4 - 5	7	1	1	0	45.6 ± 27.9	(73.5 - 17.6)
	5 -	5			5		
	TOTAL	13	7	1	5		

25-5 n4, H0, P0, M(-) by histological depth of invasion

Colon, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	2	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	2	1	1	0		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	12	2	1	0	82.6 ± 22.4	(105.0 - 60.3)
	1 - 2	9	2	1	0	63.2 ± 29.5	(92.7 - 33.7)
	2 - 3	6	3	0	0	31.6 ± 29.7	(61.3 - 1.9)
	3 - 4	3	0	0	0	31.6 ± 29.7	(61.3 - 1.9)
	4 - 5	3	1	0	0	21.1 ± 26.2	(47.3 - -5.2)
	5 -	2			2		
	TOTAL	12	8	2	2		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	4	2	0	0	50.0 ± 50.0	(100.0 - 0.0)
	1 - 2	2	0	1	0	50.0 ± 50.0	(100.0 - 0.0)
	2 - 3	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	4	3	1	0		

25-6 n0, H0, P0, M(-) by histological depth of invasion

Rectum, adenocarcinoma

m

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	67	0	3	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	64	0	2	0	100.0 ± 0.0	(100.0 - 100.0)
2 - 3	62	3	4	0	95.0 ± 5.6	(100.6 - 89.4)
3 - 4	55	2	2	0	91.5 ± 7.3	(98.8 - 84.2)
4 - 5	51	0	5	0	91.5 ± 7.3	(98.8 - 84.2)
5 -	46			46		
TOTAL	67	5	16	46		

sm

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	110	2	6	0	98.1 ± 2.6	(100.7 - 95.5)
1 - 2	102	0	2	0	98.1 ± 2.6	(100.7 - 95.5)
2 - 3	100	3	0	0	95.2 ± 4.2	(99.4 - 91.0)
3 - 4	97	2	3	0	93.2 ± 5.0	(98.2 - 88.2)
4 - 5	92	1	7	0	92.1 ± 5.3	(97.5 - 86.8)
5 -	84			84		
TOTAL	110	8	18	84		

pm

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	187	11	6	0	94.0 ± 3.5	(97.5 - 90.5)
1 - 2	170	5	4	0	91.2 ± 4.2	(95.4 - 87.0)
2 - 3	161	5	3	0	88.4 ± 4.8	(93.1 - 83.6)
3 - 4	153	1	5	0	87.8 ± 4.9	(92.7 - 82.9)
4 - 5	147	3	8	0	85.9 ± 5.2	(91.2 - 80.7)
5 -	136			136		
TOTAL	187	25	26	136		

ss/ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	285	5	7	0	98.2 ± 1.6	(99.8 - 96.6)
1 - 2	273	13	7	0	93.5 ± 3.0	(96.5 - 90.5)
2 - 3	253	10	4	0	89.8 ± 3.7	(93.4 - 86.1)
3 - 4	239	12	6	0	85.2 ± 4.3	(89.5 - 80.9)
4 - 5	221	6	15	0	82.8 ± 4.6	(87.4 - 78.2)
5 -	200			200		
TOTAL	285	46	39	200		

s/a2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	269	12	8	0	95.5 ± 2.6	(98.0 - 92.9)
1 - 2	249	12	2	0	90.9 ± 3.6	(94.4 - 87.3)
2 - 3	235	17	5	0	84.2 ± 4.5	(88.7 - 79.7)
3 - 4	213	20	7	0	76.2 ± 5.3	(81.5 - 70.8)
4 - 5	186	7	6	0	73.3 ± 5.6	(78.8 - 67.7)
5 -	173			173		
TOTAL	269	68	28	173		

si/ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	87	7	3	0	91.8 ± 5.9	(97.7 - 85.9)
1 - 2	77	7	1	0	83.4 ± 8.1	(91.5 - 75.3)
2 - 3	69	8	2	0	73.6 ± 9.7	(83.3 - 63.9)
3 - 4	59	5	1	0	67.3 ± 10.4	(77.7 - 57.0)
4 - 5	53	3	0	0	63.5 ± 10.7	(74.2 - 52.8)
5 -	50			50		
TOTAL	87	30	7	50		

25-7 n1, H0, P0, M(-) by histological depth of invasion

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	1	1	0	0		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	17	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	17	1	1	0	93.9 ± 11.7	(105.7 - 82.2)
	2 - 3	15	0	0	0	93.9 ± 11.7	(105.7 - 82.2)
	3 - 4	15	1	0	0	87.7 ± 10.9	(104.0 - 71.3)
	4 - 5	14	1	1	0	81.2 ± 19.6	(100.8 - 61.6)
	5 -	12			12		
	TOTAL	17	3	2	12		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	49	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	49	2	1	0	95.9 ± 5.7	(101.6 - 90.2)
	2 - 3	46	4	1	0	87.4 ± 9.6	(87.4 - 77.9)
	3 - 4	41	2	1	0	83.1 ± 10.9	(94.0 - 72.2)
	4 - 5	38	3	2	0	76.4 ± 12.5	(88.9 - 63.9)
	5 -	33			33		
	TOTAL	49	11	5	33		

ss/a1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	111	3	4	0	97.3 ± 3.1	(100.4 - 94.3)
	1 - 2	107	7	2	0	90.9 ± 5.5	(96.4 - 85.4)
	2 - 3	98	12	2	0	79.6 ± 7.8	(87.4 - 71.9)
	3 - 4	84	10	1	0	70.1 ± 8.9	(79.0 - 61.2)
	4 - 5	73	8	4	0	62.2 ± 9.5	(71.7 - 52.7)
	5 -	61			61		
	TOTAL	114	40	13	61		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	131	11	2	0	91.5 ± 4.9	(96.4 - 86.7)
	1 - 2	118	11	0	0	83.0 ± 6.6	(89.6 - 76.4)
	2 - 3	107	19	2	0	68.1 ± 8.2	(76.4 - 59.9)
	3 - 4	86	6	2	0	63.3 ± 8.5	(71.8 - 54.8)
	4 - 5	78	6	2	0	58.4 ± 8.8	(67.1 - 49.6)
	5 -	70			70		
	TOTAL	131	53	8	70		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	34	3	2	0	90.9 ± 10.0	(100.9 - 80.9)
	1 - 2	29	6	0	0	72.1 ± 15.8	(87.9 - 56.3)
	2 - 3	23	6	0	0	53.3 ± 17.6	(70.9 - 35.7)
	3 - 4	17	1	2	0	50.0 ± 17.7	(67.7 - 32.2)
	4 - 5	11	1	0	0	46.4 ± 17.9	(64.2 - 28.5)
	5 -	13			13		
	TOTAL	34	17	4	13		

25-8 n2, H0, P0, M(-) by histological depth of invasion

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	5	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	5	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	5	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	5	1	0	0	80.0 ± 35.8	(115.8 - 44.2)
	4 - 5	4	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
	5 -	4			4		
	TOTAL	5	1	0	4		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	17	0	2	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	15	1	0	0	93.3 ± 12.9	(106.2 - 80.5)
	2 - 3	14	2	0	0	80.0 ± 20.7	(100.7 - 59.3)
	3 - 4	12	1	0	0	73.3 ± 22.8	(96.2 - 50.5)
	4 - 5	11	0	0	0	73.3 ± 22.8	(96.2 - 50.5)
	5 -				11		
	TOTAL	17	4	2	11		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	64	2	6	0	96.7 ± 4.6	(101.3 - 92.2)
	1 - 2	56	7	1	0	84.5 ± 9.5	(94.0 - 75.0)
	2 - 3	48	7	1	0	72.1 ± 11.9	(83.9 - 60.2)
	3 - 4	40	4	2	0	64.7 ± 12.8	(77.4 - 51.9)
	4 - 5	34	3	1	0	58.9 ± 13.3	(72.1 - 45.6)
	5 -	30			30		
	TOTAL	64	23	11	30		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	113	10	3	0	91.0 ± 5.4	(96.4 - 85.6)
	1 - 2	100	17	2	0	75.4 ± 8.2	(83.6 - 67.2)
	2 - 3	81	15	0	0	61.4 ± 9.3	(70.8 - 52.1)
	3 - 4	66	12	0	0	50.3 ± 9.6	(59.9 - 40.6)
	4 - 5	54	5	4	0	45.4 ± 9.6	(55.0 - 35.8)
	5 -	45			45		
	TOTAL	113	59	9	45		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	19	2	0	0	89.5 ± 14.1	(103.6 - 75.4)
	1 - 2	17	4	1	0	67.8 ± 21.7	(89.5 - 46.1)
	2 - 3	12	2	0	0	56.5 ± 23.2	(79.7 - 33.3)
	3 - 4	10	2	1	0	44.6 ± 23.7	(68.2 - 20.9)
	4 - 5	7	0	1	0	44.6 ± 23.7	(68.2 - 20.9)
	5 -	6			6		
	TOTAL	19	10	3	6		

25-9 n3, H0, P0, M(-) by histological depth of invasion

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	3	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	3 - 4	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
	4 - 5	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
	5 -	2			2		
	TOTAL	3	1	0	2		

ss/a1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	8	1	0	0	87.5 ± 23.4	(110.9 - 64.1)
	2 - 3	7	0	1	0	87.5 ± 23.4	(110.9 - 64.1)
	3 - 4	6	0	0	0	87.5 ± 23.4	(110.9 - 64.1)
	4 - 5	6	1	0	0	72.9 ± 33.0	(105.9 - 39.9)
	5 -	5			5		
	TOTAL	8	2	1	5		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	13	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	13	3	0	0	76.9 ± 23.4	(100.3 - 53.6)
	2 - 3	10	2	0	0	61.5 ± 27.0	(88.5 - 34.6)
	3 - 4	8	1	0	0	53.8 ± 27.7	(81.5 - 26.2)
	4 - 5	7	0	1	0	53.8 ± 27.7	(81.5 - 26.2)
	5 -	6			6		
	TOTAL	13	6	1	6		

si/a1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	7	1	1	0	84.6 ± 28.3	(112.9 - 56.3)
	1 - 2	5	3	0	0	33.8 ± 38.8	(72.6 - -4.9)
	2 - 3	2	1	0	0	16.9 ± 30.8	(47.7 --13.9)
	3 - 4	1	0	0	0	16.9 ± 30.8	(47.7 --13.9)
	4 - 5	1	0	0	0	16.9 ± 30.8	(47.7 --13.9)
	5 -	1			1		
	TOTAL	7	5	1	1		

25-10 n4, H0, P0, M(-) by histological depth of invasion

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	1	1	0	0		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
	2 - 3	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
	3 - 4	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
	4 - 5	1	0	1	0	50.0 ± 70.7	(120.7 --20.7)
	5 -	0			0		
	TOTAL	2	1	1	0		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	15	5	2	0	64.3 ± 25.6	(89.9 - 38.7)
	1 - 2	8	1	0	0	56.3 ± 27.0	(83.2 - 29.3)
	2 - 3	7	1	1	0	47.6 ± 27.8	(75.4 - 19.8)
	3 - 4	5	1	0	0	38.1 ± 28.0	(66.1 - 10.0)
	4 - 5	4	1	0	0	28.6 ± 26.7	(55.3 - 1.8)
	5 -	3			3		
	TOTAL	15	9	3	3		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	4	0	0	50.0 ± 35.4	(85.4 - 14.6)
	1 - 2	4	0	1	0	50.0 ± 35.4	(85.4 - 14.6)
	2 - 3	3	0	1	0	50.0 ± 35.4	(85.4 - 14.6)
	3 - 4	2	0	0	0	50.0 ± 35.4	(85.4 - 14.6)
	4 - 5	2	1	0	0	25.0 ± 39.5	(64.5 --14.5)
	5 -	1			1		
	TOTAL	8	5	2	1		

26-1 Clinical stage classification of JSCCR

Colon, adenocarcinoma

I	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	290	7	9	0	97.5 ± 1.8	(99.4 - 95.7)
	1 - 2	274	5	8	0	95.7 ± 2.4	(98.1 - 93.3)
	2 - 3	261	5	6	0	93.9 ± 2.9	(96.8 - 91.0)
	3 - 4	250	5	8	0	92.0 ± 3.3	(95.3 - 88.7)
	4 - 5	237	5	10	0	90.0 ± 3.7	(93.7 - 86.3)
	5 -	222			222		
	TOTAL	290	27	41	222		
II	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	353	14	17	0	95.9 ± 2.1	(98.1 - 93.8)
	1 - 2	322	6	7	0	94.1 ± 2.5	(96.7 - 91.6)
	2 - 3	309	19	7	0	88.3 ± 3.5	(91.8 - 84.7)
	3 - 4	283	20	6	0	82.0 ± 4.3	(86.2 - 77.7)
	4 - 5	257	10	17	0	78.7 ± 4.6	(83.2 - 74.1)
	5 -	230			230		
	TOTAL	353	69	54	230		
III	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	603	31	22	0	94.8 ± 1.8	(96.6 - 92.9)
	1 - 2	550	32	11	0	89.2 ± 2.6	(91.8 - 86.6)
	2 - 3	507	27	22	0	84.3 ± 3.0	(87.4 - 81.3)
	3 - 4	458	26	17	0	79.5 ± 3.4	(82.9 - 76.0)
	4 - 5	415	24	9	0	74.8 ± 3.7	(78.5 - 71.1)
	5 -	382			382		
	TOTAL	603	140	81	382		
IV	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	427	24	17	0	94.3 ± 2.3	(96.5 - 92.0)
	1 - 2	386	43	6	0	83.7 ± 3.6	(87.3 - 80.0)
	2 - 3	337	17	11	0	79.4 ± 4.0	(83.4 - 75.4)
	3 - 4	309	21	7	0	73.9 ± 4.4	(78.3 - 69.5)
	4 - 5	281	13	13	0	70.4 ± 4.6	(75.0 - 65.8)
	5 -	255			255		
	TOTAL	427	118	54	255		
V	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	445	184	19	0	57.7 ± 4.7	(62.5 - 53.0)
	1 - 2	242	109	8	0	31.3 ± 4.5	(35.8 - 26.8)
	2 - 3	125	42	6	0	20.5 ± 4.0	(24.5 - 16.5)
	3 - 4	77	12	4	0	17.2 ± 3.8	(21.0 - 13.5)
	4 - 5	61	10	2	0	14.4 ± 3.6	(17.9 - 10.8)
	5 -	49			49		
	TOTAL	445	357	39	49		

26-2 Clinical stage classification of JSCCR

Rectum, adenocarcinoma

I

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	378	10	13	0	97.3 ± 1.7	(99.0 - 95.6)
1 - 2	355	5	9	0	95.9 ± 2.1	(98.0 - 93.9)
2 - 3	341	13	7	0	92.2 ± 2.8	(95.0 - 89.4)
3 - 4	321	5	8	0	90.8 ± 3.1	(93.8 - 87.7)
4 - 5	308	6	20	0	88.9 ± 3.3	(92.3 - 85.6)
5 -	282			282		
TOTAL	378	39	57	282		

II

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	405	18	9	0	95.5 ± 2.1	(97.6 - 93.4)
1 - 2	378	29	3	0	88.1 ± 3.2	(91.4 - 84.9)
2 - 3	346	26	4	0	81.5 ± 3.9	(85.4 - 77.6)
3 - 4	316	16	8	0	77.3 ± 4.2	(81.5 - 73.1)
4 - 5	292	12	16	0	74.0 ± 4.5	(78.5 - 69.6)
5 -	264			264		
TOTAL	405	101	40	264		

III

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	530	24	19	0	95.4 ± 1.8	(97.2 - 93.6)
1 - 2	487	34	12	0	88.6 ± 2.8	(91.5 - 85.8)
2 - 3	441	52	10	0	78.1 ± 3.7	(81.8 - 74.4)
3 - 4	379	38	11	0	70.1 ± 4.1	(74.3 - 66.0)
4 - 5	330	22	12	0	65.4 ± 4.3	(69.7 - 61.1)
5 -	296			296		
TOTAL	530	170	64	296		

IV

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	301	23	11	0	92.2 ± 3.1	(95.3 - 89.1)
1 - 2	267	40	3	0	78.3 ± 4.8	(83.2 - 73.5)
2 - 3	224	25	4	0	69.5 ± 5.4	(74.9 - 64.1)
3 - 4	195	21	5	0	60.8 ± 5.8	(66.6 - 55.0)
4 - 5	166	9	10	0	57.4 ± 5.9	(63.3 - 51.5)
5 -	147			147		
TOTAL	301	121	33	147		

V

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	288	110	23	0	60.2 ± 5.9	(66.1 - 54.3)
1 - 2	155	64	7	0	34.8 ± 5.9	(40.7 - 28.9)
2 - 3	84	32	4	0	21.2 ± 5.2	(26.4 - 16.0)
3 - 4	48	14	2	0	14.9 ± 4.6	(19.5 - 10.3)
4 - 5	32	8	1	0	11.1 ± 4.1	(15.3 - 7.0)
5 -	23			23		
TOTAL	288	228	37	23		

26-3 Histological stage classification of JSCCR

Colon, adenocarcinoma

I	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	341	8	14	0	97.6 ± 1.7	(99.3 - 95.9)
	1 - 2	319	5	8	0	96.1 ± 2.1	(98.2 - 93.9)
	2 - 3	306	4	10	0	94.8 ± 2.5	(97.2 - 92.3)
	3 - 4	292	7	10	0	92.5 ± 3.0	(95.4 - 89.5)
	4 - 5	275	5	7	0	90.8 ± 3.3	(94.0 - 87.5)
	5 -	263			263		
	TOTAL	341	29	49	263		
II	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	716	24	34	0	96.6 ± 1.4	(97.9 - 95.2)
	1 - 2	658	18	17	0	93.9 ± 1.8	(95.7 - 92.1)
	2 - 3	623	33	21	0	88.8 ± 2.4	(91.3 - 86.4)
	3 - 4	569	32	16	0	83.8 ± 2.9	(86.6 - 80.9)
	4 - 5	521	21	22	0	80.3 ± 3.1	(83.4 - 77.2)
	5 -	478			478		
	TOTAL	716	128	110	478		
III	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	400	29	11	0	92.6 ± 2.6	(95.3 - 90.0)
	1 - 2	360	36	6	0	83.3 ± 3.8	(87.1 - 79.5)
	2 - 3	318	16	10	0	79.0 ± 4.1	(83.2 - 74.9)
	3 - 4	292	15	11	0	74.9 ± 4.4	(79.4 - 70.5)
	4 - 5	266	11	11	0	71.7 ± 4.6	(76.4 - 67.1)
	5 -	244			244		
	TOTAL	400	107	49	244		
IV	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	237	16	7	0	93.1 ± 3.3	(96.5 - 89.8)
	1 - 2	214	29	4	0	80.4 ± 5.2	(85.6 - 75.2)
	2 - 3	181	18	6	0	72.3 ± 6.0	(78.2 - 66.3)
	3 - 4	157	19	4	0	63.4 ± 6.5	(69.9 - 57.0)
	4 - 5	134	13	3	0	57.1 ± 6.7	(63.8 - 50.4)
	5 -	113			113		
	TOTAL	237	95	29	113		
V	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	381	146	19	0	60.7 ± 5.1	(65.8 - 55.6)
	1 - 2	216	94	8	0	33.8 ± 5.0	(38.8 - 28.8)
	2 - 3	114	40	6	0	21.6 ± 4.4	(26.1 - 17.2)
	3 - 4	68	11	3	0	18.0 ± 4.2	(22.2 - 13.8)
	4 - 5	54	10	2	0	14.6 ± 3.9	(18.6 - 10.7)
	5 -	42			42		
	TOTAL	381	301	38	42		

26-4 Histological stage classification of JSCCR

Rectum, adenocarcinoma

I	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	364	13	15	0	96.4 ± 2.0	(98.3 - 94.4)
	1 - 2	336	5	8	0	94.9 ± 2.3	(97.2 - 92.6)
	2 - 3	323	11	7	0	91.6 ± 3.0	(94.6 - 88.7)
	3 - 4	305	5	10	0	90.1 ± 3.2	(93.3 - 86.9)
	4 - 5	290	4	20	0	88.8 ± 3.4	(92.2 - 85.4)
	5 -	266			266		
	TOTAL	364	38	60	266		
II	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	554	17	15	0	96.9 ± 1.5	(98.4 - 95.4)
	1 - 2	522	25	9	0	92.2 ± 2.3	(94.5 - 89.9)
	2 - 3	488	27	9	0	87.1 ± 2.9	(90.0 - 84.2)
	3 - 4	452	32	13	0	80.8 ± 3.4	(84.2 - 77.4)
	4 - 5	407	13	21	0	78.2 ± 3.6	(81.8 - 74.5)
	5 -	373			373		
	TOTAL	554	114	67	373		
III	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	436	25	12	0	94.2 ± 2.3	(96.4 - 91.9)
	1 - 2	399	34	5	0	86.1 ± 3.4	(89.5 - 82.8)
	2 - 3	360	51	7	0	73.8 ± 4.3	(78.1 - 69.5)
	3 - 4	302	25	7	0	67.6 ± 4.6	(72.2 - 63.0)
	4 - 5	270	22	9	0	62.0 ± 4.8	(66.8 - 57.2)
	5 -	239			239		
	TOTAL	436	157	40	239		
IV	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	249	15	12	0	93.8 ± 3.1	(96.9 - 90.7)
	1 - 2	222	36	4	0	78.5 ± 5.3	(83.8 - 73.1)
	2 - 3	182	30	2	0	65.5 ± 6.2	(71.7 - 59.2)
	3 - 4	150	21	3	0	56.2 ± 6.5	(62.7 - 49.7)
	4 - 5	126	9	7	0	52.1 ± 6.6	(58.7 - 45.5)
	5 -	110			110		
	TOTAL	249	111	28	110		
V	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	265	93	19	0	63.6 ± 6.0	(69.6 - 57.6)
	1 - 2	153	63	8	0	36.7 ± 6.2	(42.9 - 30.5)
	2 - 3	82	31	4	0	22.5 ± 5.5	(28.0 - 17.0)
	3 - 4	47	12	2	0	16.6 ± 5.0	(21.6 - 11.6)
	4 - 5	33	9	2	0	11.9 ± 4.5	(16.4 - 7.5)
	5 -	22			22		
	TOTAL	265	208	35	22		

27-1 Curative resection by Dukes classification

Colon, adenocarcinoma

Dukes A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	339	8	14	0	97.6 ± 1.7	(99.3 - 95.9)
	1 - 2	317	5	7	0	96.0 ± 2.2	(98.2 - 93.9)
	2 - 3	305	4	10	0	94.8 ± 2.5	(97.2 - 92.3)
	3 - 4	291	7	10	0	92.4 ± 3.0	(95.4 - 89.5)
	4 - 5	274	5	7	0	90.7 ± 3.3	(94.0 - 87.4)
	5 -	262			262		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	339	29	48	262		

Dukes B	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	732	25	32	0	96.5 ± 1.4	(97.9 - 95.1)
	1 - 2	675	23	17	0	93.2 ± 1.9	(95.1 - 91.3)
	2 - 3	635	33	21	0	88.3 ± 2.5	(90.7 - 85.8)
	3 - 4	581	32	17	0	83.3 ± 2.9	(86.2 - 80.4)
	4 - 5	532	21	25	0	80.0 ± 3.1	(83.1 - 76.8)
	5 -	486			486		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	732	134	112	486		

Dukes C	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	541	30	15	0	94.4 ± 2.0	(96.4 - 92.4)
	1 - 2	496	51	9	0	84.6 ± 3.2	(87.7 - 81.4)
	2 - 3	436	29	13	0	78.9 ± 3.6	(82.5 - 75.3)
	3 - 4	394	27	13	0	73.4 ± 3.9	(77.3 - 69.5)
	4 - 5	354	22	14	0	68.7 ± 4.1	(72.9 - 64.6)
	5 -	318			318		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	541	159	64	318		

27-2 Non-curative resection by Dukes classification

Colon, adenocarcinoma

Dukes A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	8	3	0	0	62.5 ± 34.2	(96.7 - 28.3)
1 - 2	5	1	1	0	48.6 ± 36.2	(84.8 - 12.4)
2 - 3	3	0	0	0	48.6 ± 36.2	(84.8 - 12.4)
3 - 4	3	0	0	0	48.6 ± 36.2	(84.8 - 12.4)
4 - 5	3	0	0	0	48.6 ± 36.2	(84.8 - 12.4)
5 -	3			3		
TOTAL	8	4	1	3		

Dukes B

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	108	26	10	0	74.8 ± 8.6	(83.3 - 66.2)
1 - 2	72	16	4	0	57.7 ± 10.0	(67.7 - 47.7)
2 - 3	52	11	4	0	45.0 ± 10.3	(55.3 - 34.7)
3 - 4	37	2	1	0	42.5 ± 10.3	(52.8 - 32.2)
4 - 5	34	3	2	0	38.7 ± 10.3	(49.0 - 28.3)
5 -	29			29		
TOTAL	108	58	21	29		

Dukes C

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	357	139	15	0	60.2 ± 5.2	(65.5 - 55.0)
1 - 2	203	88	6	0	33.7 ± 5.1	(38.9 - 28.6)
2 - 3	109	38	4	0	21.8 ± 4.6	(26.3 - 17.2)
3 - 4	67	15	3	0	16.8 ± 4.2	(20.9 - 12.6)
4 - 5	49	10	2	0	13.3 ± 3.8	(17.1 - 9.5)
5 -	37			37		
TOTAL	357	290	30	37		

27-3 Curative resection by Dukes classification

Rectum, adenocarcinoma

Dukes A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	459	12	17	0	97.3 ± 1.5	(98.9 - 95.8)
1 - 2	430	9	9	0	95.3 ± 2.0	(97.3 - 93.3)
2 - 3	412	14	7	0	92.0 ± 2.6	(94.6 - 89.4)
3 - 4	391	9	11	0	89.9 ± 2.9	(92.8 - 87.0)
4 - 5	371	8	22	0	87.9 ± 3.2	(91.0 - 84.7)
5 -	341			341		
TOTAL	459	52	66	341		

Dukes B

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	527	20	17	0	96.1 ± 1.7	(97.8 - 94.5)
1 - 2	490	26	9	0	91.0 ± 2.5	(93.5 - 88.5)
2 - 3	455	23	12	0	86.3 ± 3.1	(89.4 - 83.3)
3 - 4	420	30	14	0	80.1 ± 3.6	(83.7 - 76.5)
4 - 5	376	10	18	0	77.9 ± 3.8	(81.6 - 74.1)
5 -	348			348		
TOTAL	527	109	70	348		

Dukes C

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	544	22	17	0	95.9 ± 1.7	(97.6 - 94.2)
1 - 2	505	53	8	0	85.7 ± 3.0	(88.8 - 82.7)
2 - 3	444	64	7	0	73.3 ± 3.9	(77.2 - 69.4)
3 - 4	373	37	8	0	65.9 ± 4.2	(70.1 - 61.8)
4 - 5	328	27	14	0	60.4 ± 4.3	(64.7 - 56.1)
5 -	287			287		
TOTAL	544	203	54	287		

27-4 Non-curative resection by Dukes classification

Rectum, adenocarcinoma

Dukes A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	9	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	8	2	0	0	75.0 ± 30.6	(105.6 - 44.4)
2 - 3	6	1	0	0	62.5 ± 34.2	(96.7 - 28.3)
3 - 4	5	1	0	0	50.0 ± 35.4	(85.4 - 14.6)
4 - 5	4	0	0	0	50.0 ± 35.4	(85.4 - 14.6)
5 -	4			4		
TOTAL	9	4	1	4		

Dukes B

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	75	17	5	0	76.6 ± 10.0	(86.5 - 66.6)
1 - 2	53	9	3	0	63.2 ± 11.5	(74.7 - 51.6)
2 - 3	41	17	2	0	36.3 ± 11.9	(48.2 - 24.4)
3 - 4	22	4	0	0	29.7 ± 11.4	(41.1 - 18.3)
4 - 5	18	2	1	0	26.3 ± 11.1	(37.4 - 15.2)
5 -	15			15		
TOTAL	75	49	11	15		

Dukes C

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	259	91	16	0	63.7 ± 6.1	(69.8 - 57.7)
1 - 2	152	63	4	0	37.0 ± 6.2	(43.2 - 30.7)
2 - 3	85	28	2	0	24.6 ± 5.6	(30.3 - 19.0)
3 - 4	55	14	2	0	18.3 ± 5.1	(23.4 - 13.2)
4 - 5	39	9	4	0	13.8 ± 4.6	(18.5 - 9.2)
5 -	26			26		
TOTAL	259	205	28	26		

28-1 Curative resection by Astler-Coller classification

Colon, adenocarcinoma

A	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR		
	0 - 1	209	5	9	0	97.6 ± 2.2	(99.7 - 95.4)		
	1 - 2	195	3	6	0	96.0 ± 2.8	(98.8 - 93.3)		
	2 - 3	186	2	5	0	95.0 ± 3.1	(98.1 - 91.9)		
	3 - 4	179	3	6	0	93.4 ± 3.6	(96.9 - 89.8)		
	4 - 5	170	1	4	0	92.8 ± 3.7	(96.5 - 89.1)		
	5 -	165			165				
	TOTAL	209	14	30	165				
B1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR		
	0 - 1	130	3	5	0	97.6 ± 2.7	(100.3 - 95.0)		
	1 - 2	122	2	1	0	96.0 ± 3.5	(99.5 - 92.6)		
	2 - 3	119	2	5	0	94.4 ± 4.1	(98.5 - 90.3)		
	3 - 4	112	4	4	0	91.0 ± 5.2	(96.2 - 85.8)		
	4 - 5	104	4	3	0	87.4 ± 6.1	(93.5 - 81.3)		
	5 -	97			97				
	TOTAL	130	15	18	97				
B2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR		
	0 - 1	732	25	32	0	96.5 ± 1.4	(97.9 - 95.1)		
	1 - 2	675	23	17	0	93.2 ± 1.9	(95.1 - 91.3)		
	2 - 3	635	33	21	0	88.3 ± 2.5	(90.7 - 85.8)		
	3 - 4	581	32	17	0	83.3 ± 2.9	(86.2 - 80.4)		
	4 - 5	532	21	25	0	80.0 ± 3.1	(83.1 - 76.8)		
	5 -	486			486				
	TOTAL	732	134	112	486				
C1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR		
	0 - 1	40	0	0	0	100.0 ± 0.0	(100.0 - 100.0)		
	1 - 2	40	1	1	0	97.5 ± 5.0	(102.5 - 92.5)		
	2 - 3	38	2	0	0	92.3 ± 8.5	(100.8 - 83.8)		
	3 - 4	36	0	2	0	92.3 ± 8.5	(100.8 - 83.8)		
	4 - 5	34	0	1	0	92.3 ± 8.5	(100.8 - 83.8)		
	5 -	33			33				
	TOTAL	40	3	4	33				
C2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR		
	0 - 1	501	30	15	0	93.9 ± 2.2	(96.1 - 91.8)		
	1 - 2	456	50	8	0	83.5 ± 3.4	(86.9 - 80.2)		
	2 - 3	398	27	13	0	77.8 ± 3.8	(81.6 - 74.0)		
	3 - 4	358	27	11	0	71.8 ± 4.1	(76.0 - 67.7)		
	4 - 5	320	22	13	0	66.8 ± 4.4	(71.1 - 62.4)		
	5 -	285			285				
	TOTAL	501	156	60	285				

28-2 Non-curative resection by Astler-Coller classification

Colon, adenocarcinoma

A	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	1 - 2	3	0	1	0	75.0 ± 43.3	(118.3 - 31.7)
	2 - 3	2	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	3 - 4	2	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	4 - 5	2	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	5 -	2			2		
	TOTAL	4	1	1	2		
B1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	4	2	0	0	50.0 ± 50.0	(100.0 - 0.0)
	1 - 2	2	1	0	0	25.0 ± 43.3	(68.3 --18.3)
	2 - 3	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	3 - 4	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	4 - 5	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	5 -	1			1		
	TOTAL	4	3	0	1		
B2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	108	26	10	0	74.8 ± 8.6	(83.3 - 66.2)
	1 - 2	72	16	4	0	57.7 ± 10.0	(67.7 - 47.7)
	2 - 3	52	11	4	0	45.0 ± 10.3	(55.3 - 34.7)
	3 - 4	37	2	1	0	42.5 ± 10.3	(52.8 - 32.2)
	4 - 5	34	3	2	0	38.7 ± 10.3	(49.0 - 28.3)
	5 -	29			29		
	TOTAL	108	58	21	29		
C1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	9	1	0	0	88.9 ± 21.0	(109.8 - 67.9)
	1 - 2	8	2	0	0	66.7 ± 31.4	(98.1 - 35.2)
	2 - 3	6	3	0	0	33.3 ± 31.4	(64.8 - 1.9)
	3 - 4	3	1	0	0	22.2 ± 27.7	(49.9 - -5.5)
	4 - 5	2	0	0	0	22.2 ± 27.7	(49.9 - -5.5)
	5 -	2			2		
	TOTAL	9	7	0	2		
C2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	348	138	15	0	59.5 ± 5.3	(64.8 - 54.2)
	1 - 2	195	86	6	0	32.8 ± 5.2	(38.0 - 27.7)
	2 - 3	103	35	4	0	21.5 ± 4.6	(26.1 - 16.9)
	3 - 4	64	14	3	0	16.6 ± 4.2	(20.9 - 12.4)
	4 - 5	47	10	2	0	13.0 ± 3.9	(16.9 - 9.2)
	5 -	35			35		
	TOTAL	348	283	30	35		

28-3 Curative resection by Astler-Coller classification

Rectum, adenocarcinoma

A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	207	4	9	0	98.0 ± 2.0	(100.0 - 96.1)
	1 - 2	194	2	6	0	97.0 ± 2.4	(99.4 - 94.6)
	2 - 3	186	5	3	0	94.4 ± 3.3	(97.7 - 91.1)
	3 - 4	178	5	5	0	91.7 ± 4.0	(95.7 - 87.7)
	4 - 5	168	1	15	0	91.1 ± 4.1	(95.2 - 87.0)
	5 -	152			152		
	TOTAL	207	17	38	152		
B1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	252	8	8	0	96.8 ± 2.2	(99.0 - 94.5)
	1 - 2	236	7	3	0	93.9 ± 3.1	(96.9 - 90.8)
	2 - 3	226	9	4	0	90.1 ± 3.8	(93.9 - 86.3)
	3 - 4	213	4	6	0	88.4 ± 4.1	(92.5 - 84.3)
	4 - 5	203	7	7	0	85.3 ± 4.6	(89.9 - 80.7)
	5 -	189			189		
	TOTAL	252	35	28	189		
B2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	527	20	17	0	96.1 ± 1.7	(97.8 - 94.5)
	1 - 2	490	26	9	0	91.0 ± 2.5	(93.5 - 88.5)
	2 - 3	455	23	12	0	86.3 ± 3.1	(89.4 - 83.3)
	3 - 4	420	30	14	0	80.1 ± 3.6	(83.7 - 76.5)
	4 - 5	376	10	18	0	77.9 ± 3.8	(81.6 - 74.1)
	5 -	348			348		
	TOTAL	527	109	70	348		
C1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	101	1	3	0	99.0 ± 2.0	(101.0 - 97.0)
	1 - 2	97	6	3	0	92.8 ± 5.3	(98.0 - 87.5)
	2 - 3	88	6	1	0	86.4 ± 7.0	(93.4 - 79.4)
	3 - 4	81	5	1	0	81.0 ± 8.1	(89.1 - 73.0)
	4 - 5	75	6	2	0	74.5 ± 9.0	(83.5 - 65.5)
	5 -	67			67		
	TOTAL	101	24	10	67		
C2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	443	21	14	0	95.2 ± 2.1	(97.2 - 93.1)
	1 - 2	408	47	5	0	84.2 ± 3.5	(87.7 - 80.6)
	2 - 3	355	58	6	0	70.3 ± 4.4	(74.8 - 65.9)
	3 - 4	292	32	7	0	62.5 ± 4.7	(67.3 - 57.8)
	4 - 5	253	21	12	0	57.2 ± 4.9	(62.1 - 52.3)
	5 -	220			220		
	TOTAL	443	179	44	220		

28-4 Non-curative resection by Astler-Coller classification

Rectum, adenocarcinoma

A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
2 - 3	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
3 - 4	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
4 - 5	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
5 -	1			1		
TOTAL	1	0	0	1		

B1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	8	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	7	2	0	0	71.4 ± 34.1	(105.6 - 37.3)
2 - 3	5	1	0	0	57.1 ± 37.4	(94.6 - 19.7)
3 - 4	4	1	0	0	42.9 ± 37.4	(80.3 - 5.4)
4 - 5	3	0	0	0	42.9 ± 37.4	(80.3 - 5.4)
5 -	3			3		
TOTAL	8	4	1	3		

B2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	75	17	5	0	76.6 ± 10.0	(86.5 - 66.6)
1 - 2	53	9	3	0	63.2 ± 11.5	(74.7 - 51.6)
2 - 3	41	17	2	0	36.3 ± 11.9	(48.2 - 24.4)
3 - 4	22	4	0	0	29.7 ± 11.4	(41.1 - 18.3)
4 - 5	18	2	1	0	26.3 ± 11.1	(37.4 - 15.2)
5 -	15			15		
TOTAL	75	49	11	15		

C1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	13	1	1	0	92.0 ± 15.3	(107.3 - 76.7)
1 - 2	11	3	0	0	66.9 ± 27.1	(94.0 - 39.8)
2 - 3	8	2	0	0	50.2 ± 28.9	(79.0 - 21.3)
3 - 4	6	1	0	0	41.8 ± 28.5	(70.3 - 13.3)
4 - 5	5	0	0	0	41.8 ± 28.5	(70.3 - 13.3)
5 -	5			5		
TOTAL	13	7	1	5		

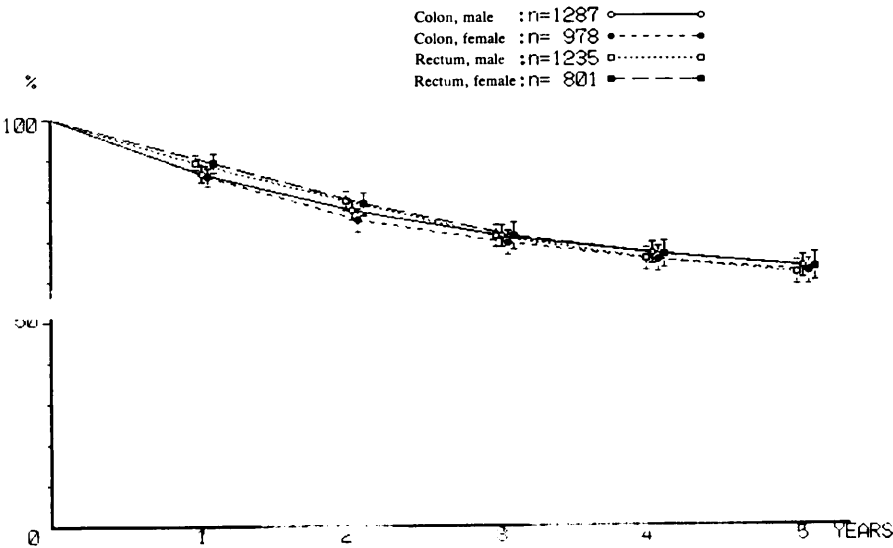
C2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	246	90	15	0	62.3 ± 6.3	(68.5 - 56.0)
1 - 2	141	60	4	0	35.4 ± 6.3	(41.7 - 29.1)
2 - 3	77	26	2	0	23.3 ± 5.7	(29.0 - 17.6)
3 - 4	49	13	2	0	17.0 ± 5.1	(22.1 - 11.9)
4 - 5	34	9	4	0	12.2 ± 4.6	(16.8 - 7.6)
5 -	21			21		
TOTAL	246	198	27	21		

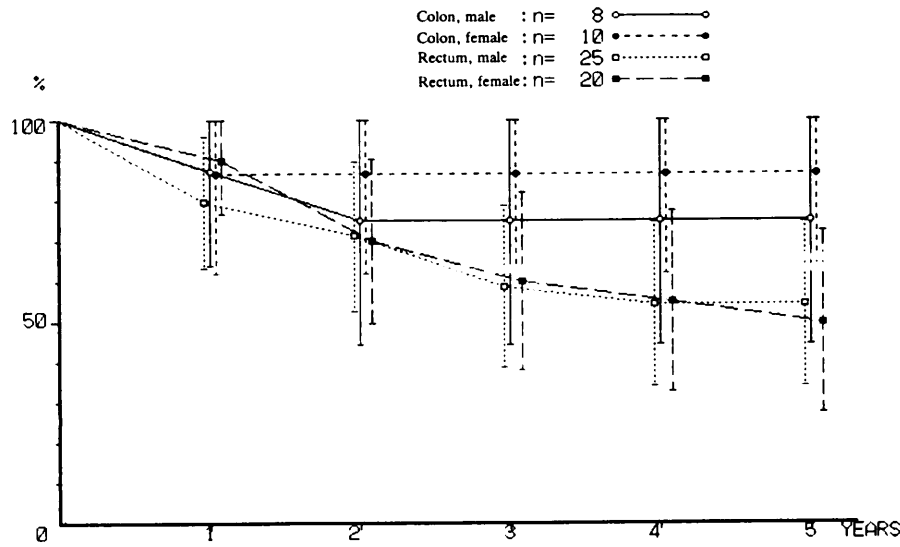
Appendix

Figures of life tables

15-1. Sex.
Adenocarcinoma.

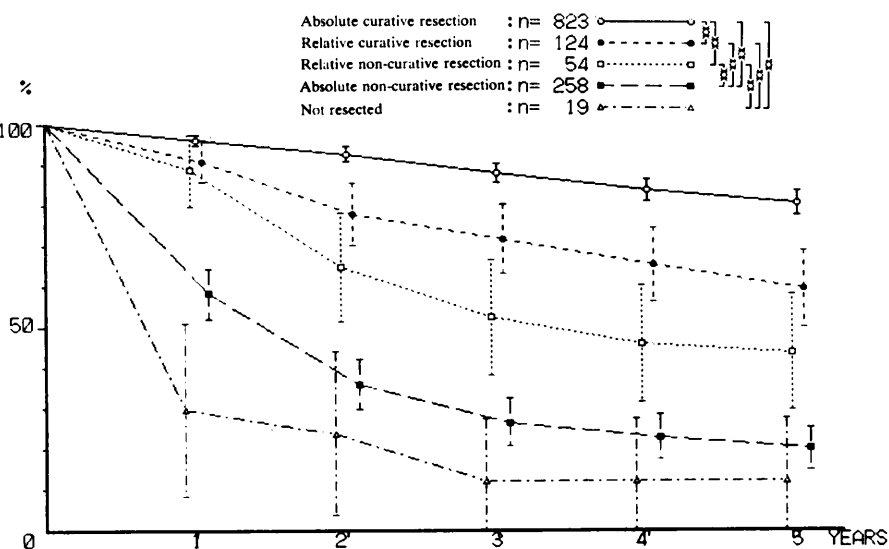


15-2. Sex.
Malignant neoplasms
other than
adenocarcinoma.

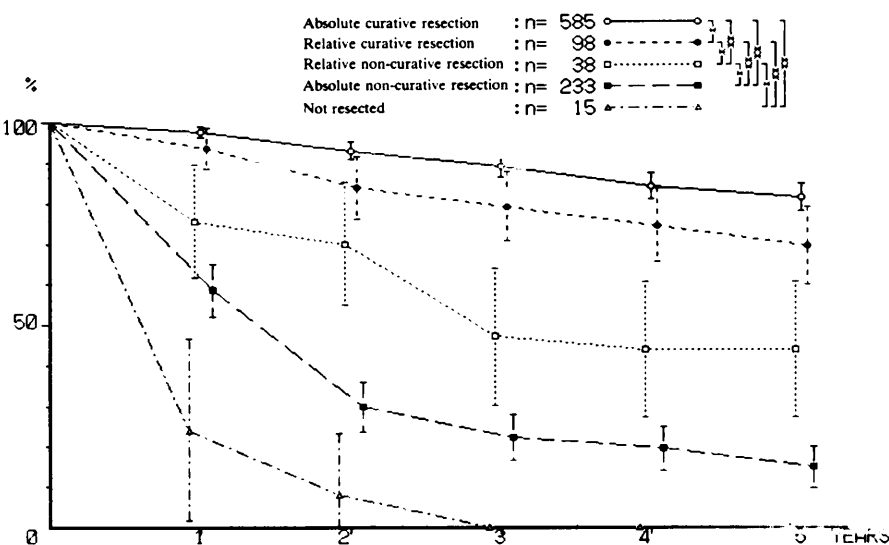


SURVIVAL RATE
* P=0.01 * P=0.05

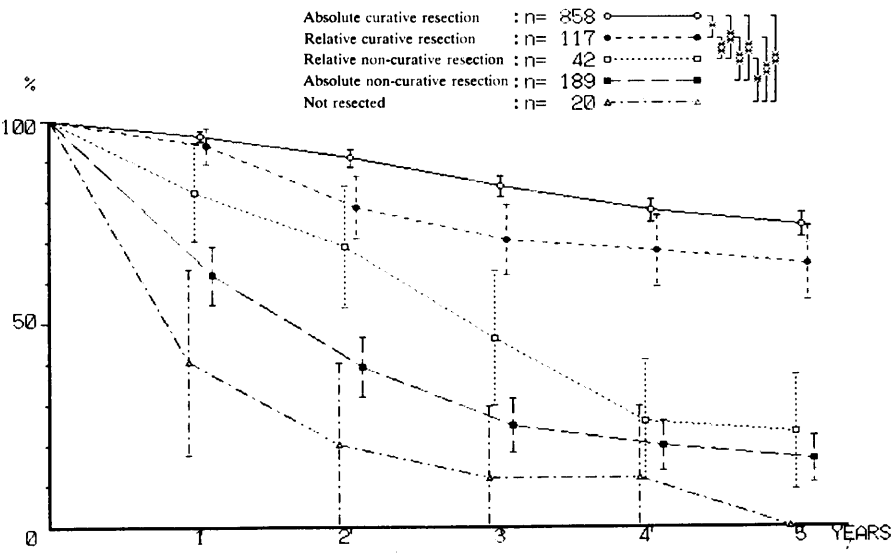
16-1 Macroscopic operative curability.
Colon, Male.



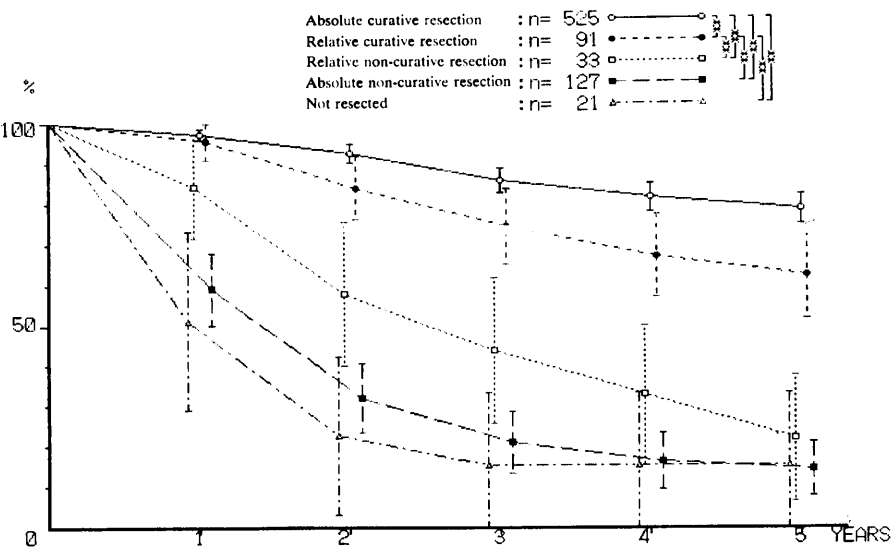
16-2 Macroscopic operative curability.
Colon, Female.



16-3 Macroscopic operative 100 curability. Rectum, Male.

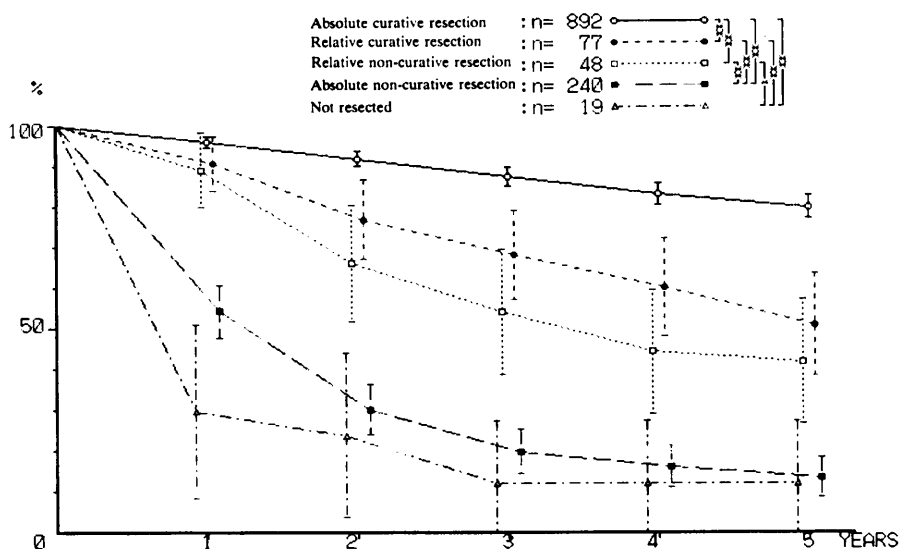


16-4 Macroscopic operative 100 curability. Rectum, Female.

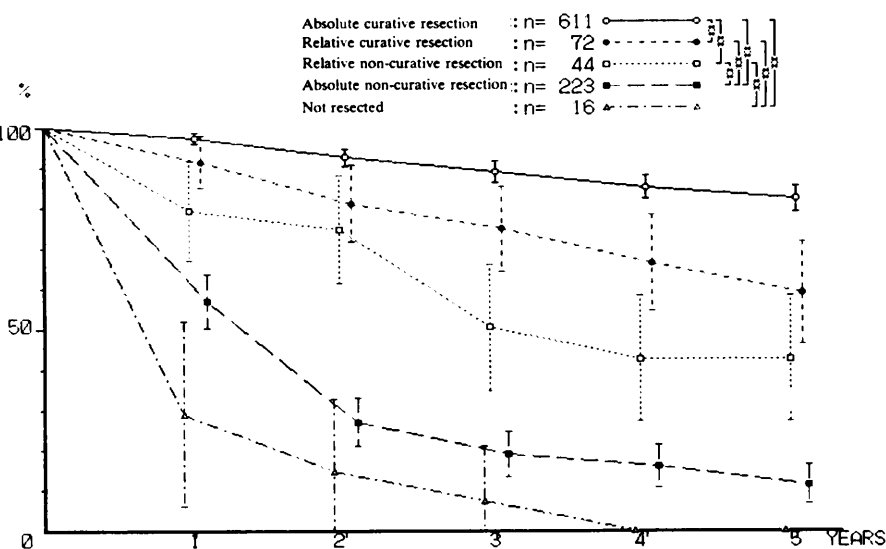


□ P=0.01 ▨ P=0.05

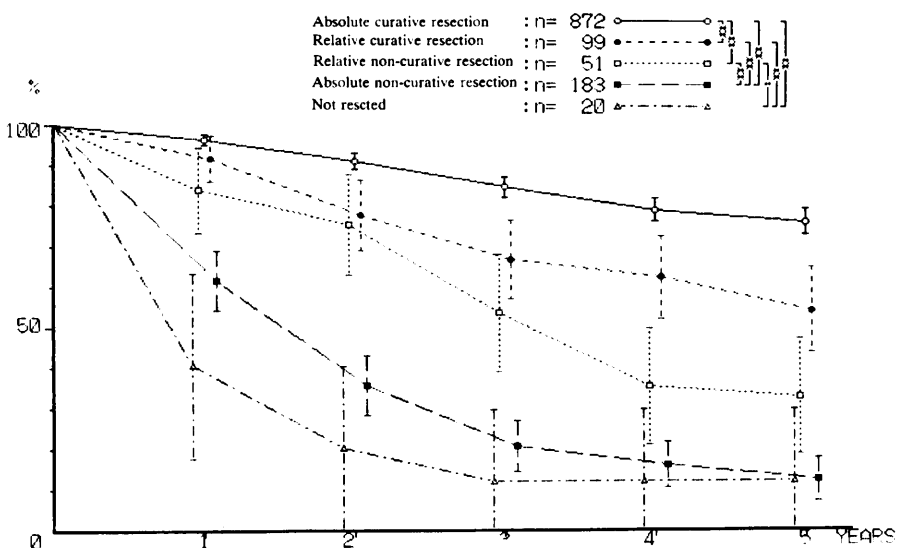
16-5 Histological operative curability.
Colon, Male.



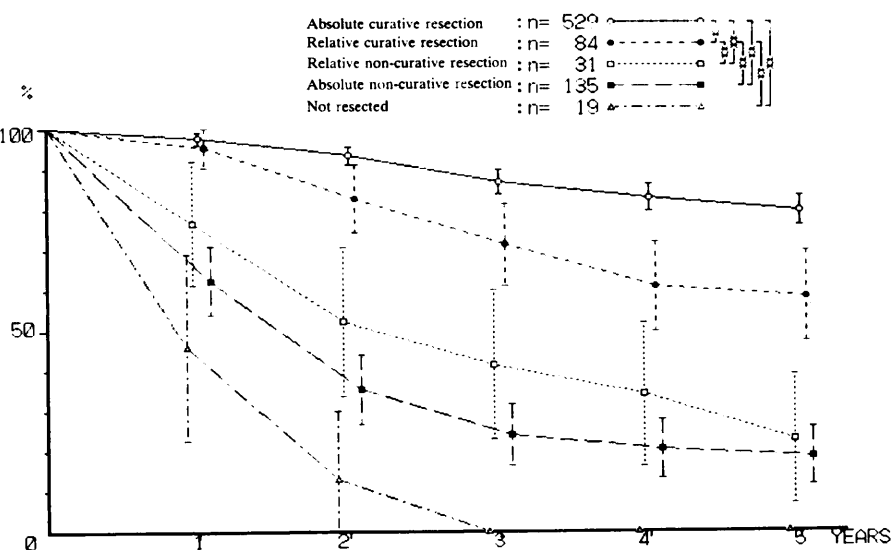
16-6 Histological operative curability.
Colon, Female.



16-7 Histological operative curability.
Rectum, Male.

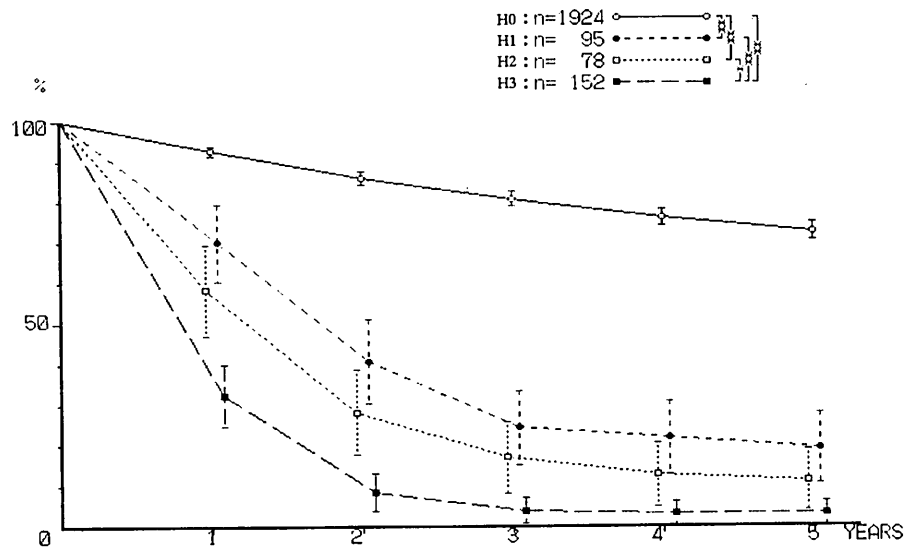


16-8 Histological operative curability.
Rectum, Female.

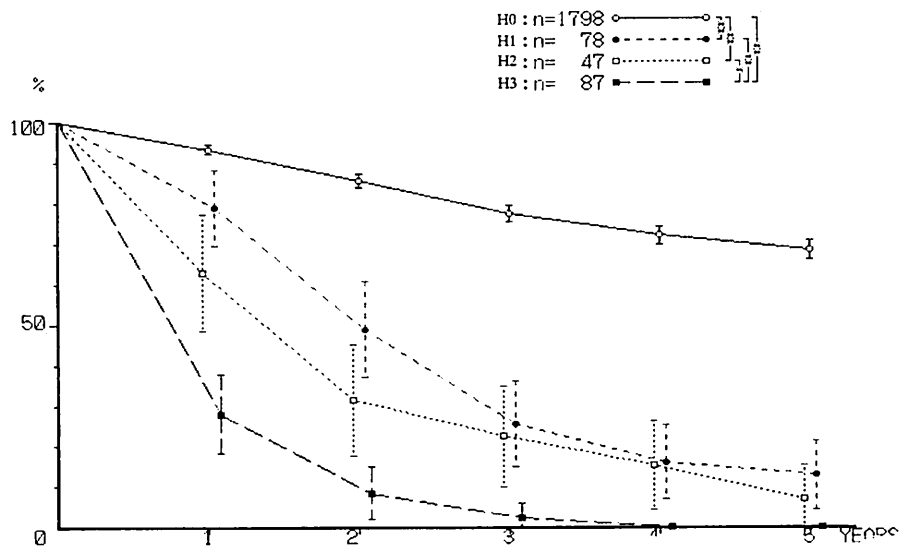


* P=0.01 * P=0.05

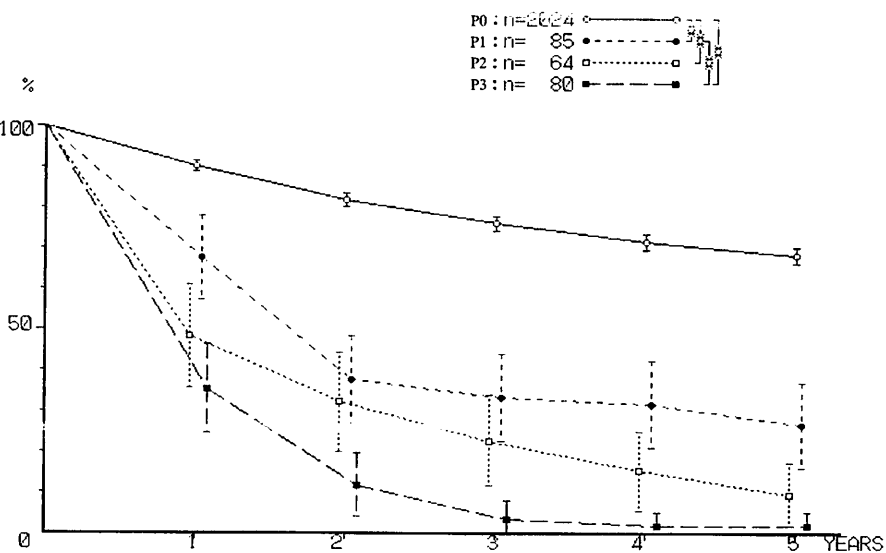
17-1 Hepatic metastasis.
Colon.



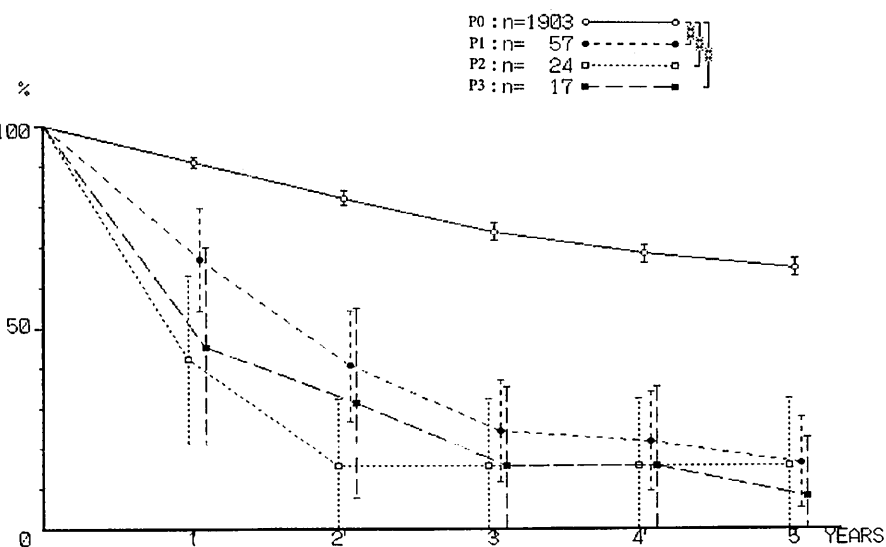
17-2 Hepatic metastasis.
Rectum.



18-1 Peritoneal disseminating metastasis.
Colon.

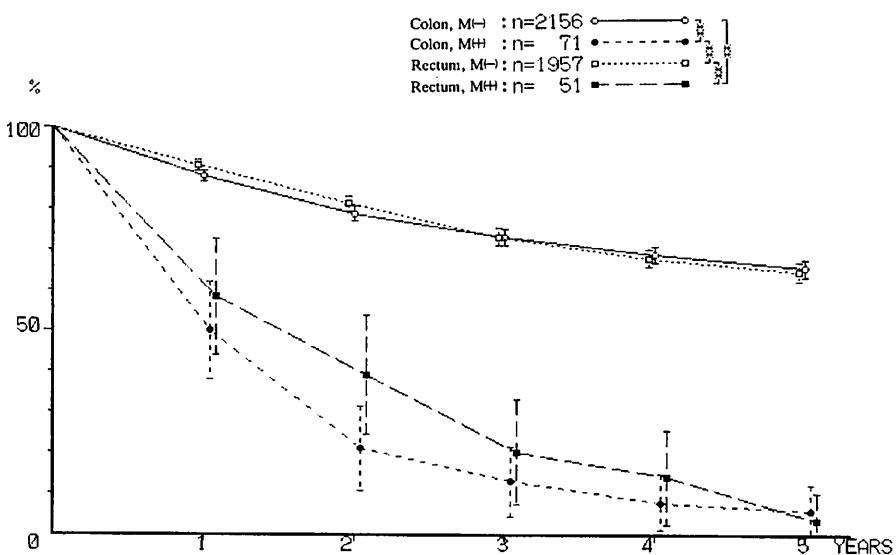


18-2 Peritoneal disseminating metastasis.
Rectum.

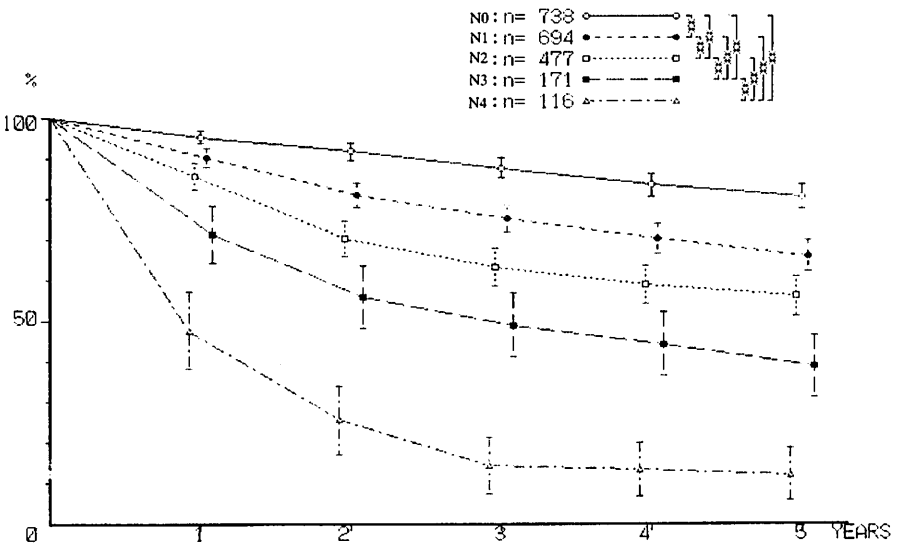


* P=0.01 ** P=0.05

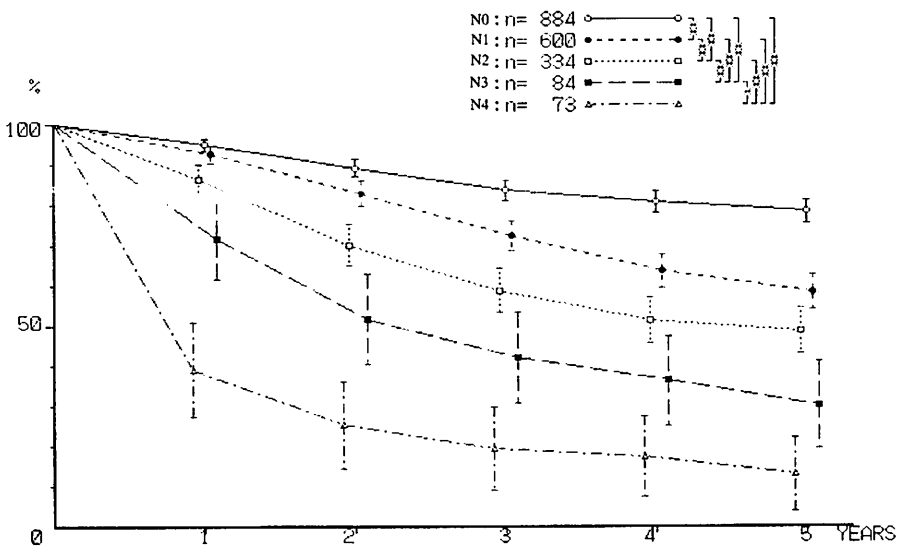
19-1, 2 Metastasis to to remote organ.



20-1 Macroscopic lymph node metastasis
Colon.

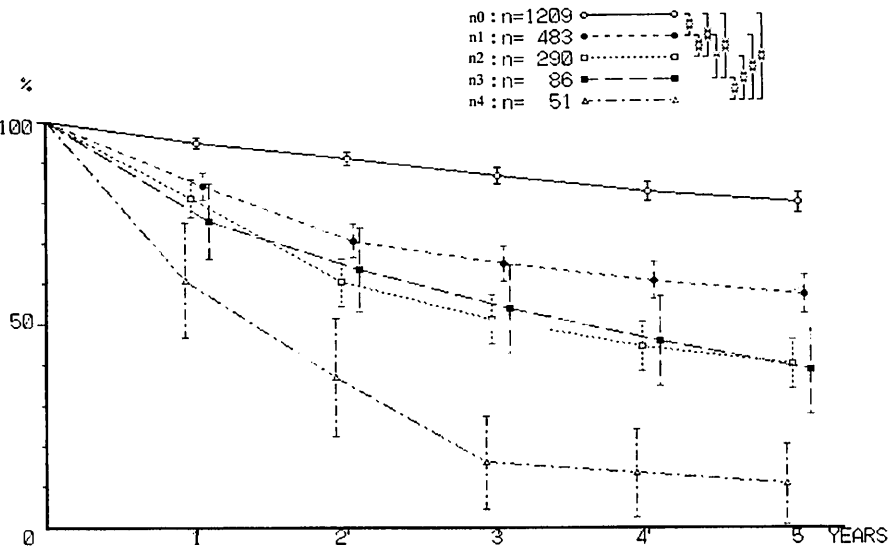


20-2 Macroscopic lymph node metastasis
Rectum.

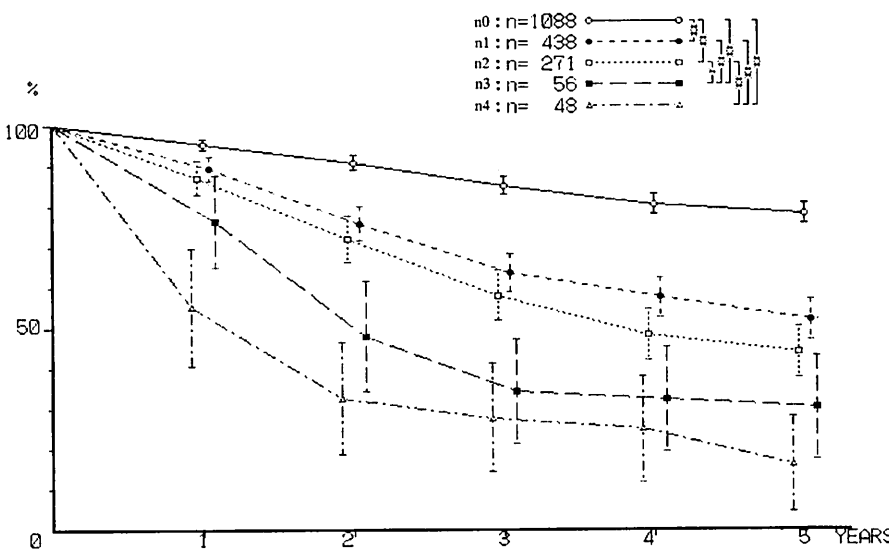


‡ P=0.01 * P=0.05

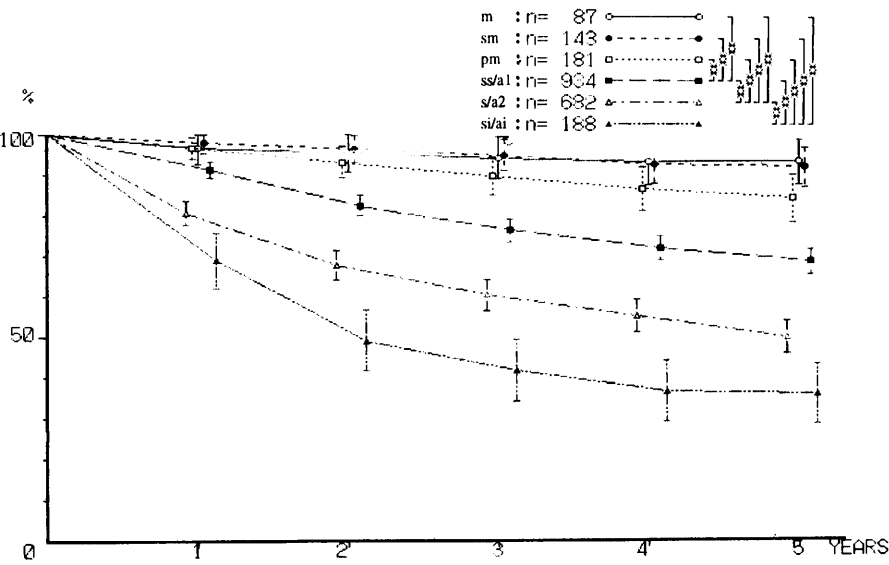
20-3 Histological lymph node metastasis.
Colon.



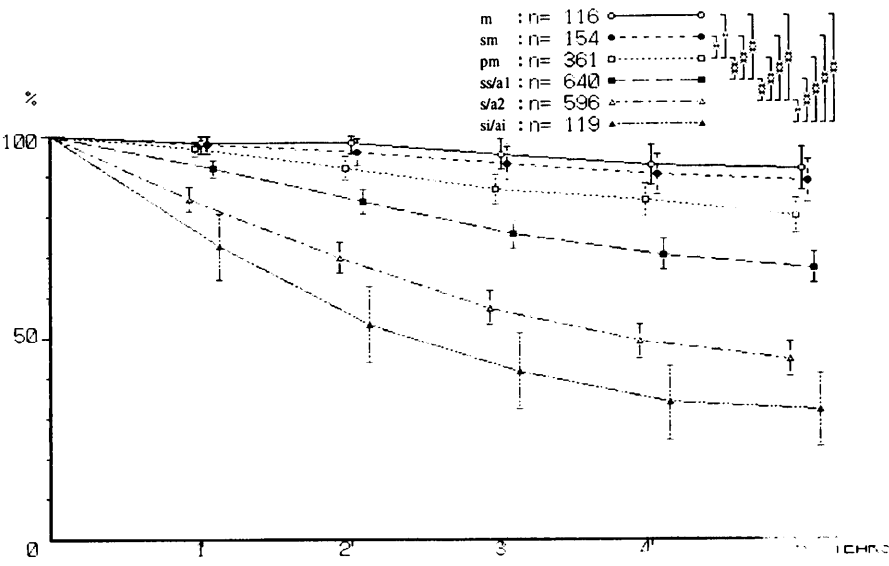
20-4 Histological lymph node metastasis.
Rectum.



21-1 Histological depth of invasion.
Colon.

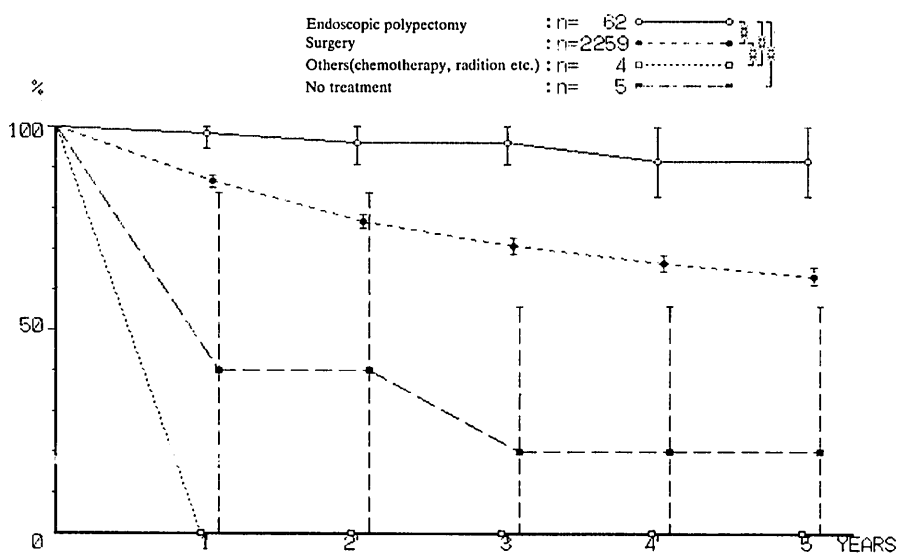


21-2 Histological depth of invasion.
Rectum.

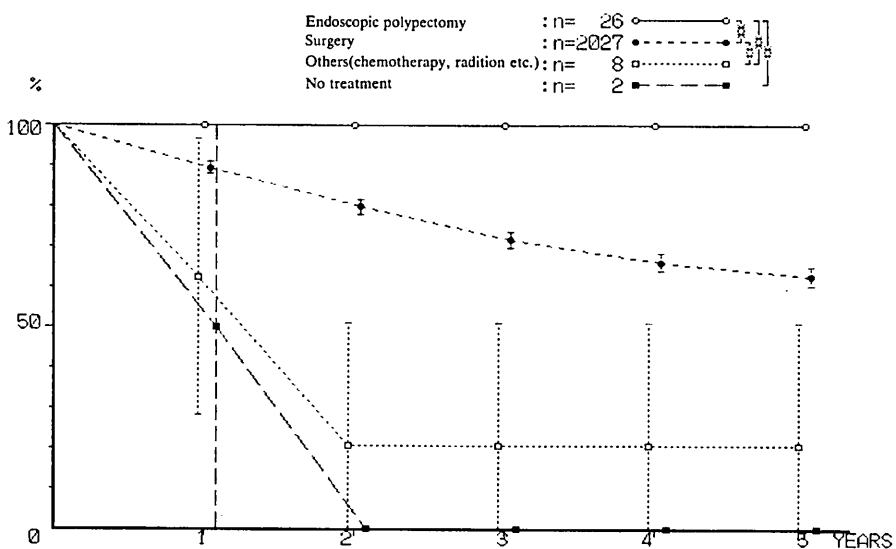


* P=0.01 ** P=0.05

22-1 Modality of principal treatment.
Colon.

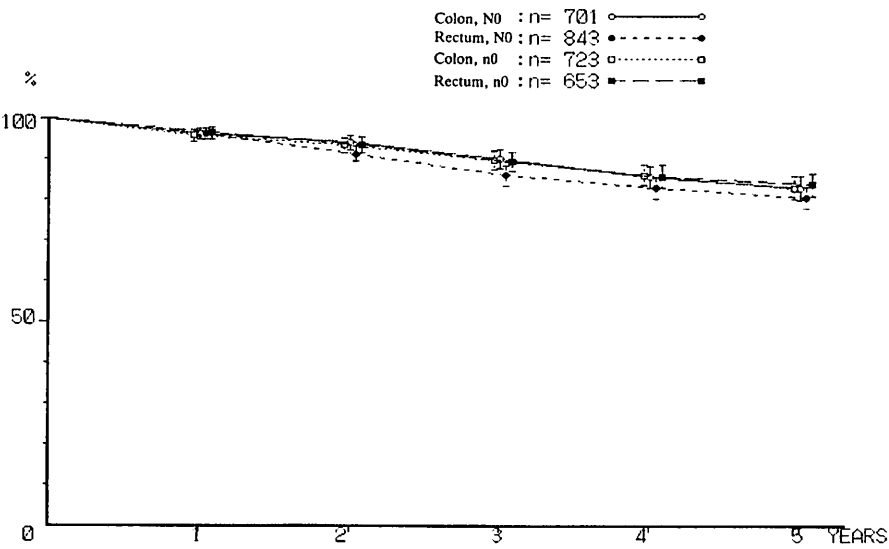


22-2 Modality of principal treatment.
Rectum.



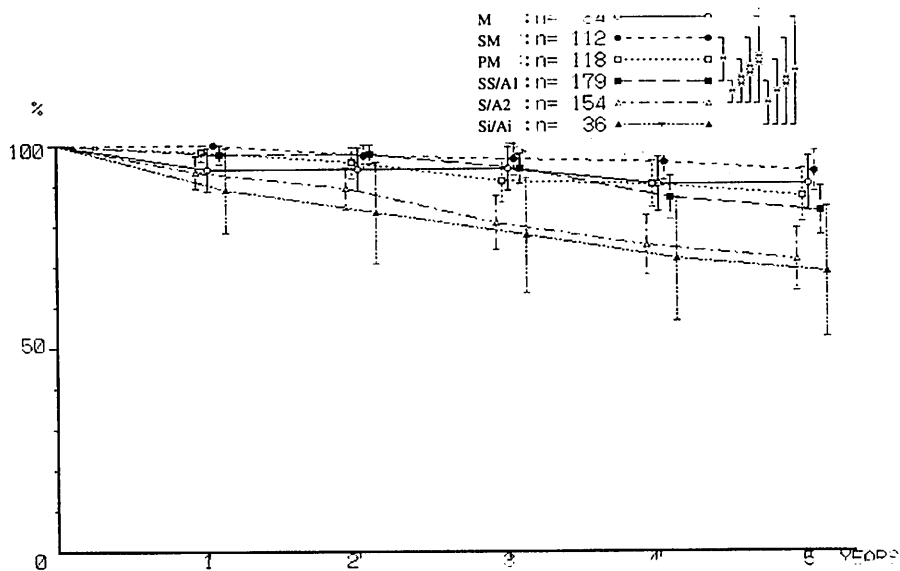
23

H0P0M(-)N0 or n0
Colon and Rectum.

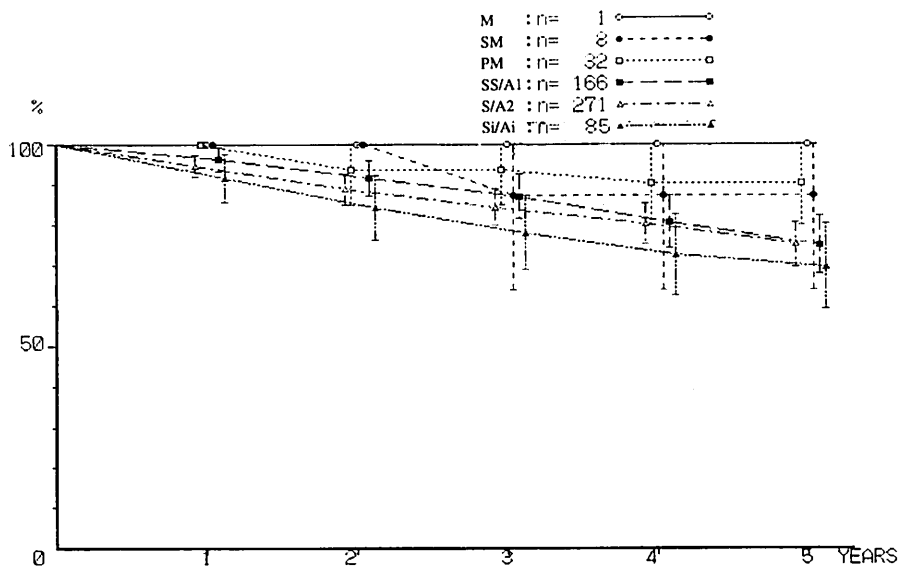


P=0.01 * P=0.05

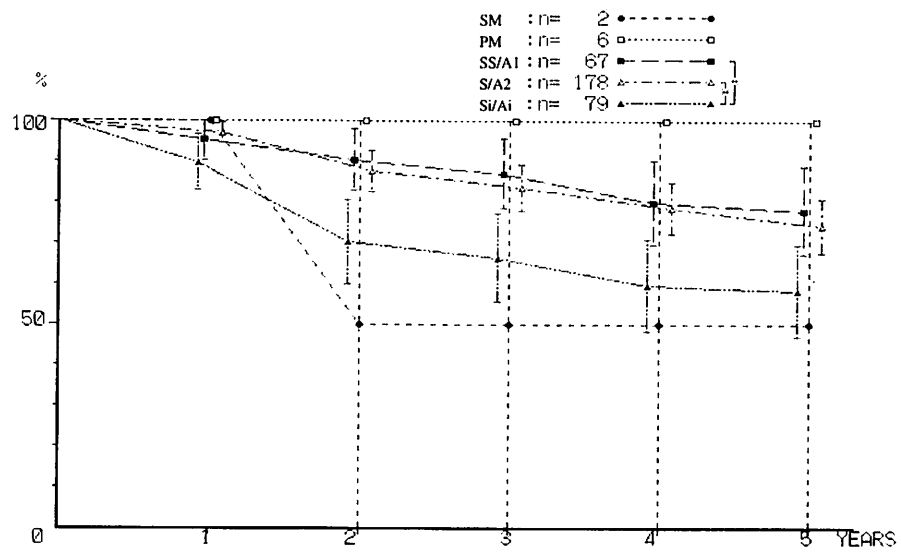
24-1 H0P0M(-)N0
Colon.



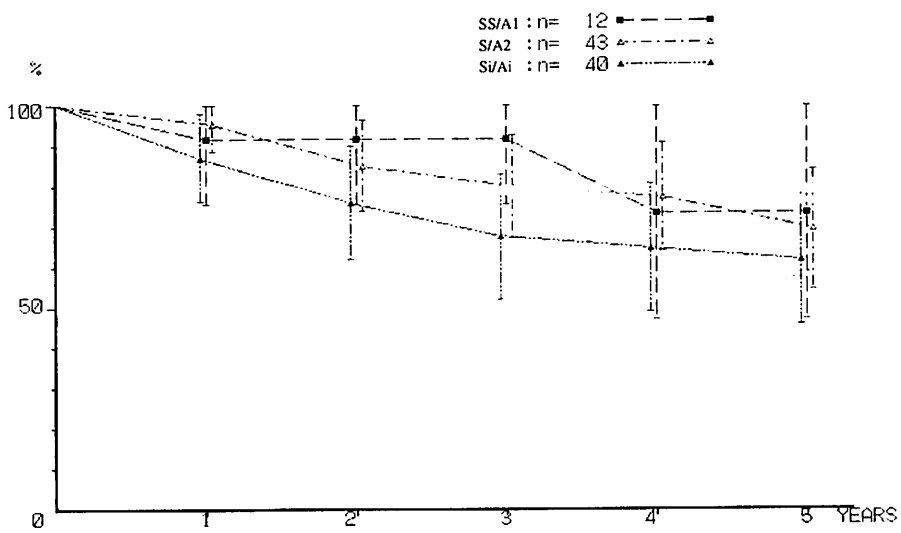
24-2 H0P0M(-)N1
Colon.



24-3 H0P0M(-)N2
Colon.

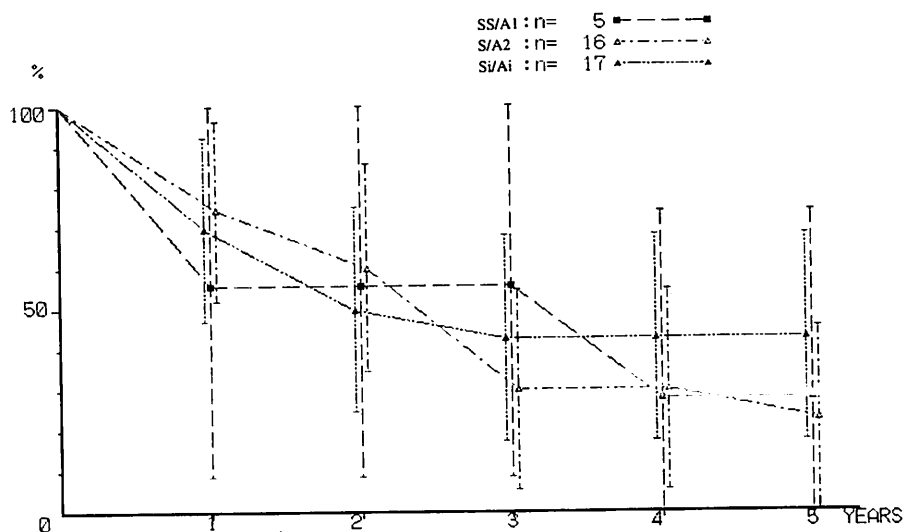


24-4 H0P0M(-)N3
Colon.

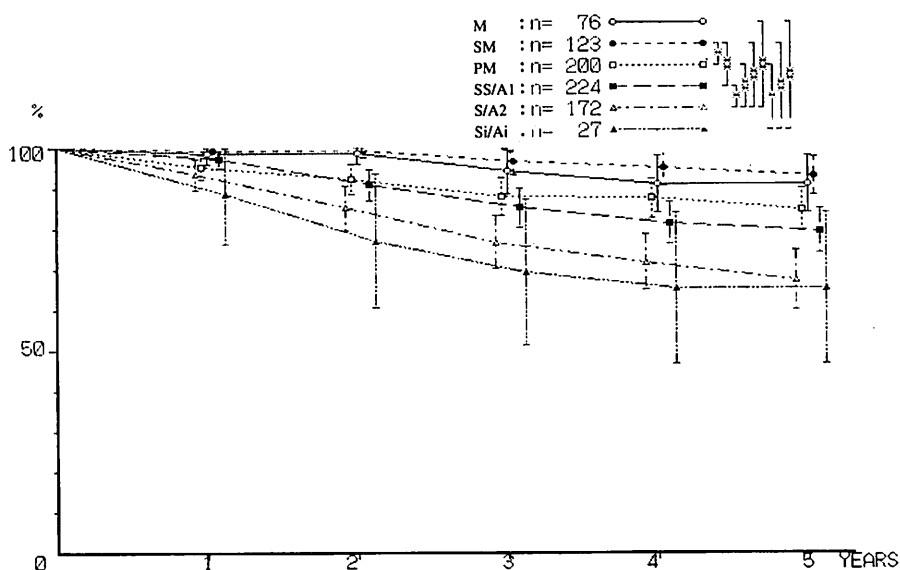


‡ P=0.01 * P=0.05

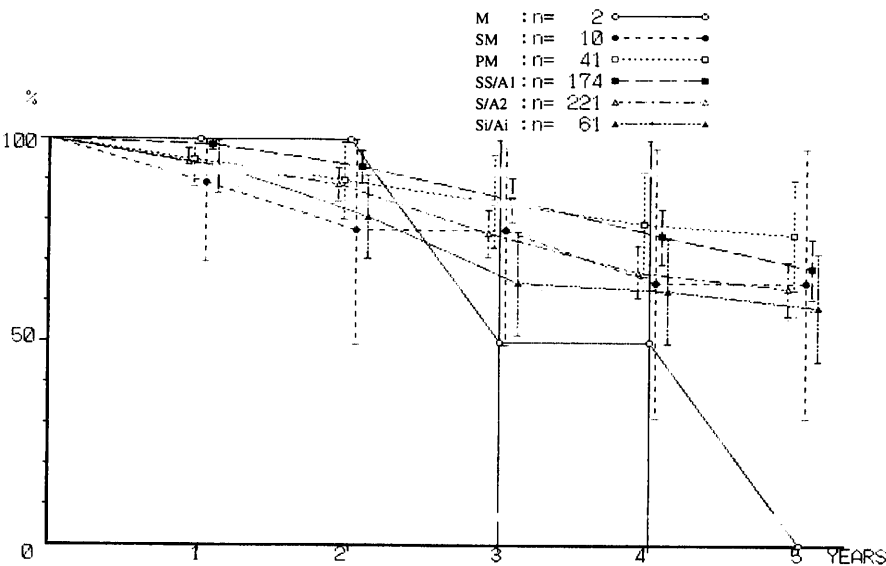
24-5 HOPOM(-)N4
Colon.



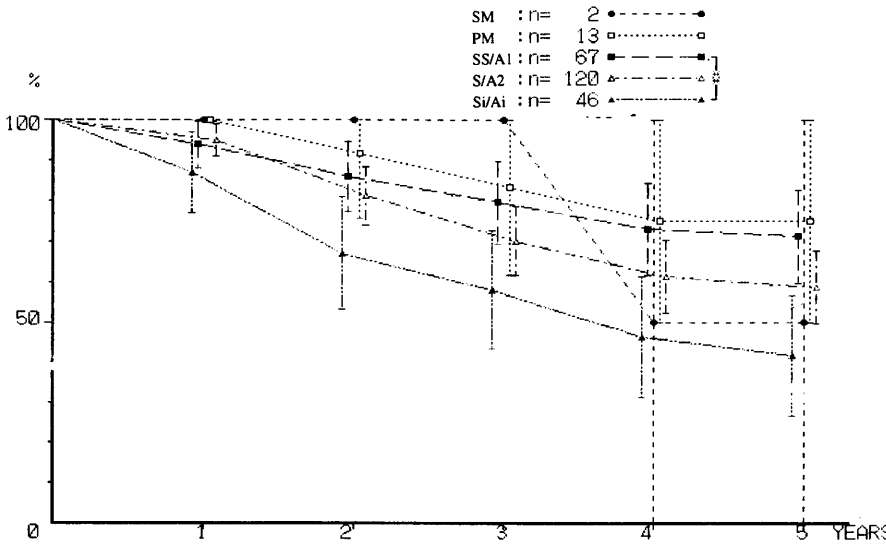
24-6 HOPOM(-)N0
Rectum.



24-7 H0P0M(-)N1
Rectum.

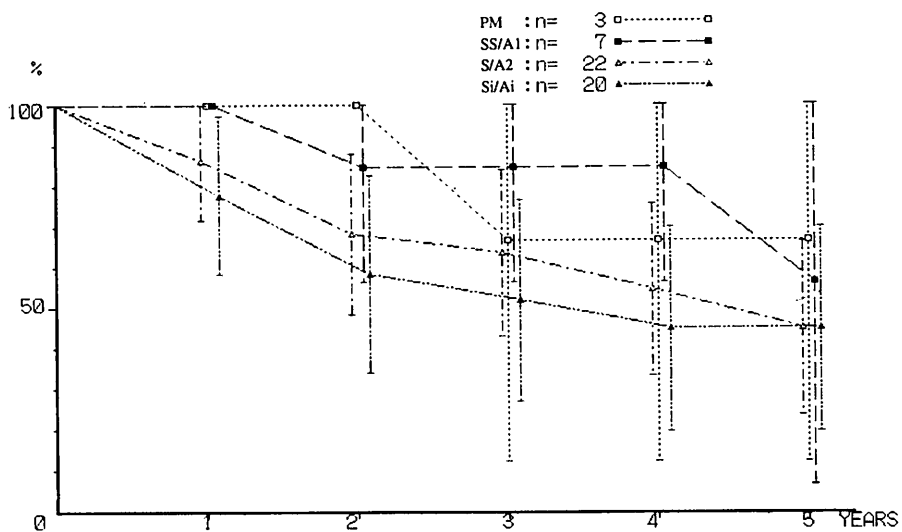


24-8 H0P0M(-)N2
Rectum.

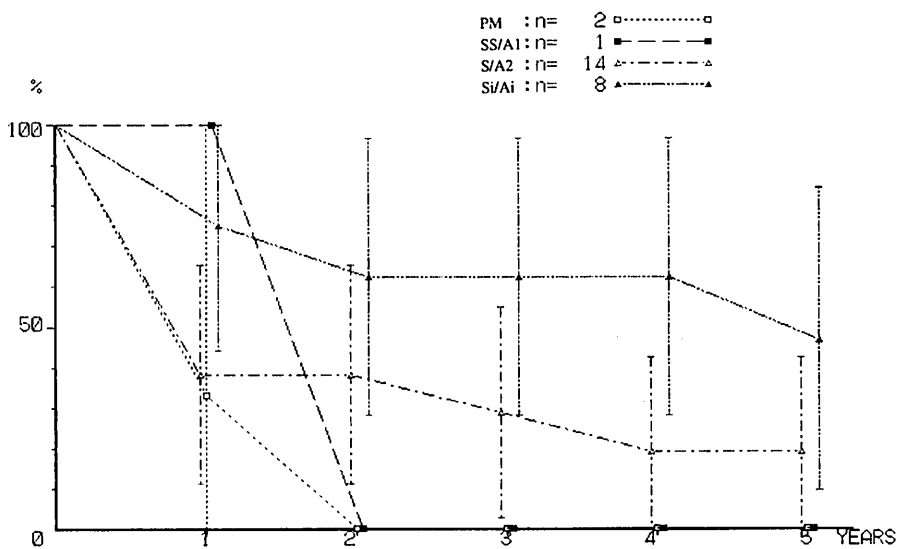


* P=0.01 * P=0.05

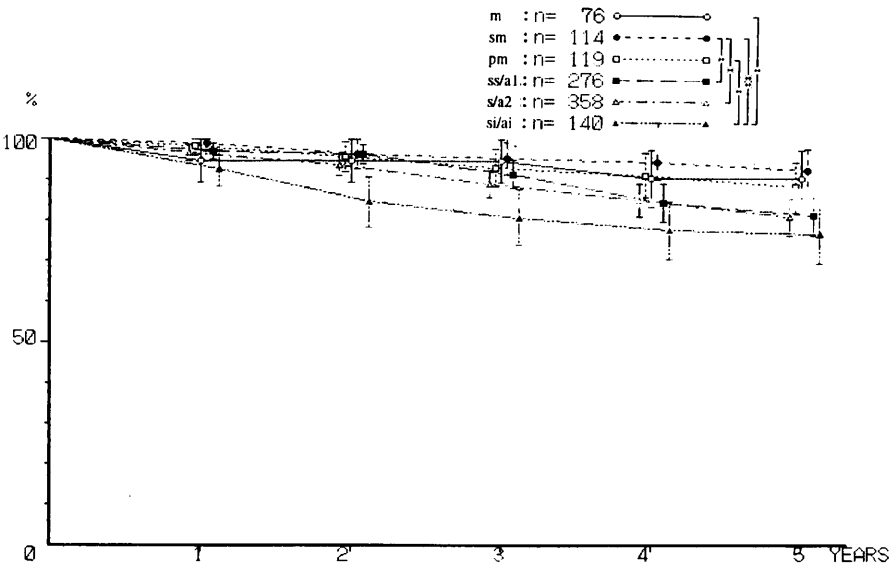
24-9 H0P0M(-)N3
Rectum.



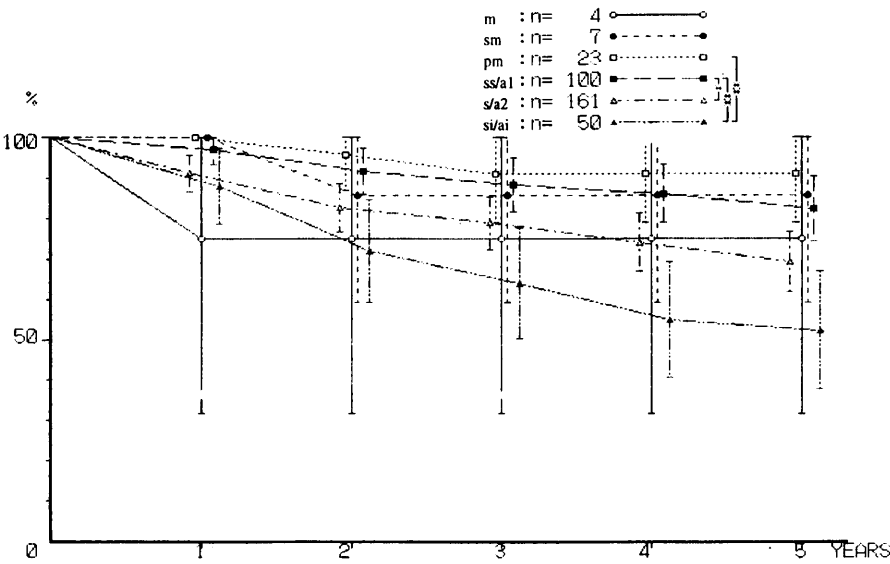
24-10 H0P0M(-)N4
Rectum.



25-1 H0P0M(-)n0
Colon.

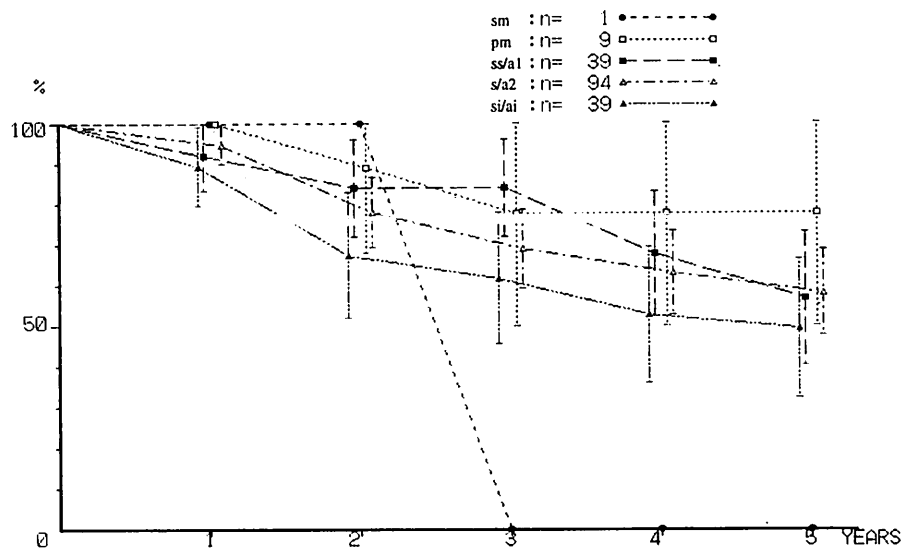


25-2 H0P0M(-)n1
Colon.

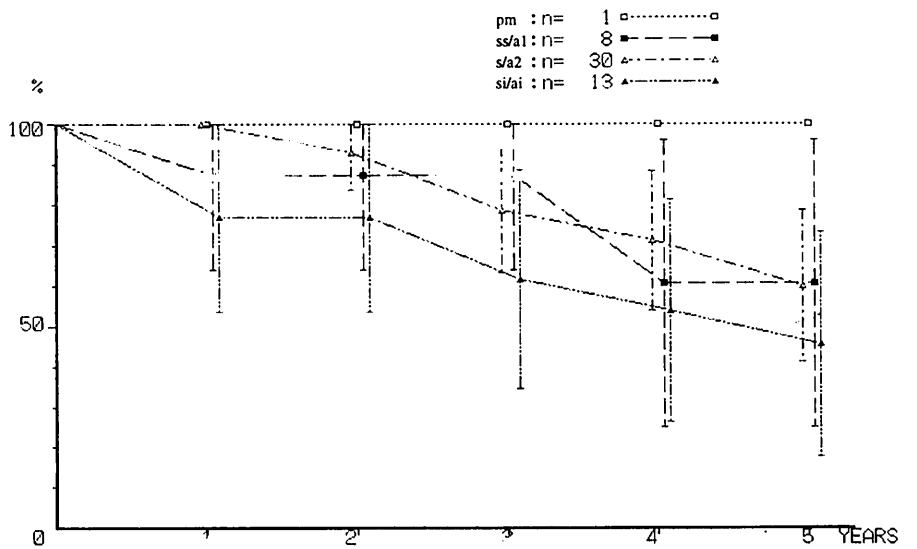


* P=0.01 * P=0.05

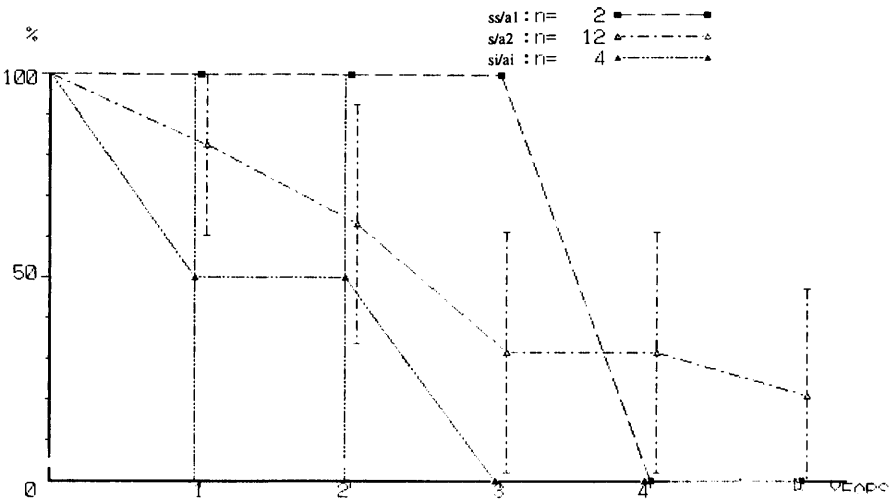
25-3 HOPOM(-)n2
Colon.



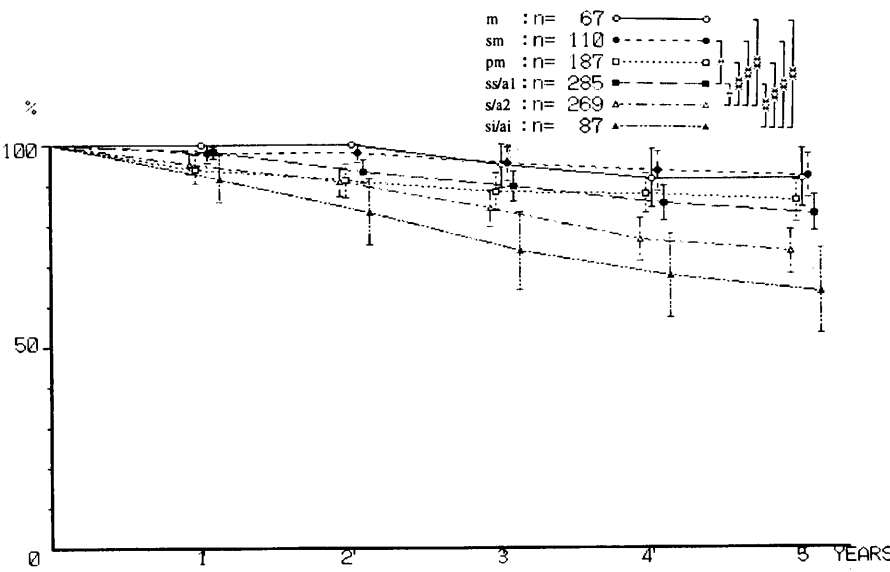
25-4 HOPOM(-)n3
Colon.



25-5 H0P0M(-)n4
Colon.

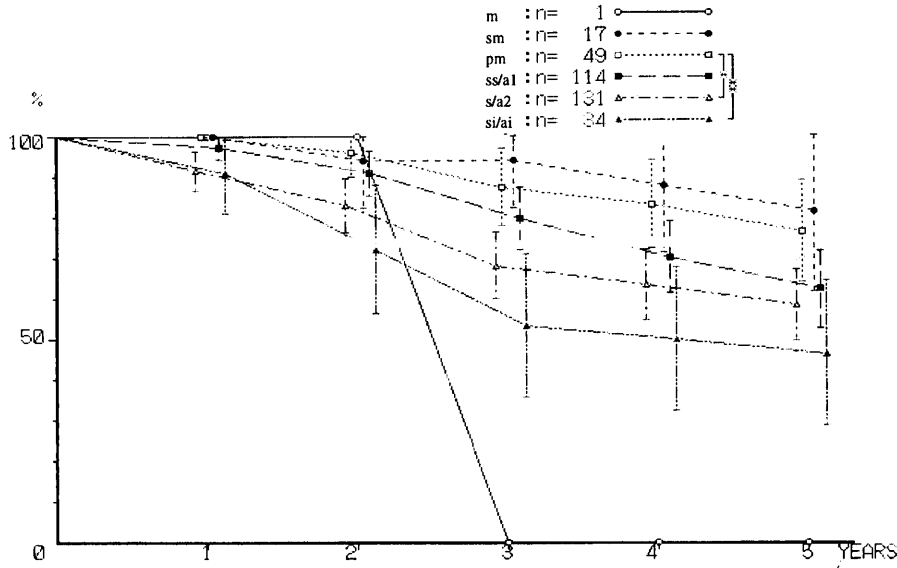


25-6 H0P0M(-)n0
Rectum.

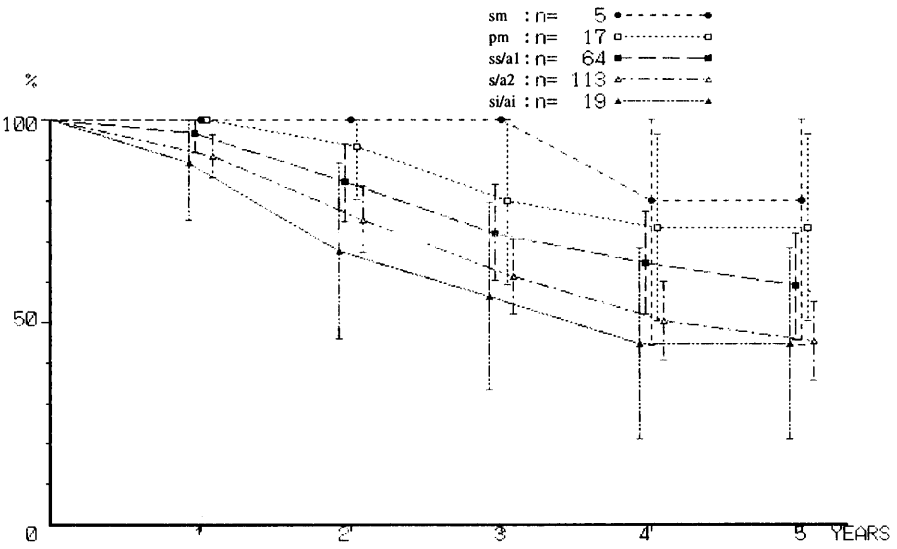


* P=0.01 * P=0.05

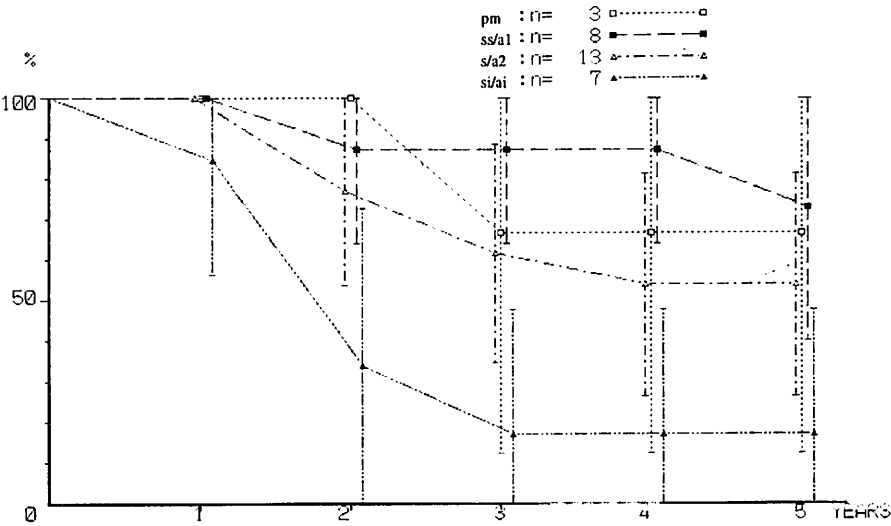
25-7 H0P0M(-)n1
Rectum.



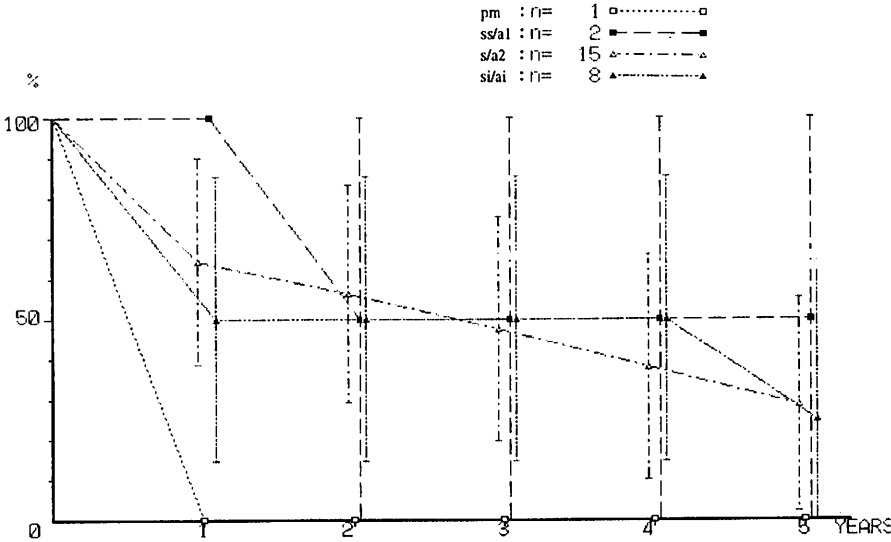
25-8 H0P0M(-)n2
Rectum.



25-9 H0P0M(-)n3
Rectum.

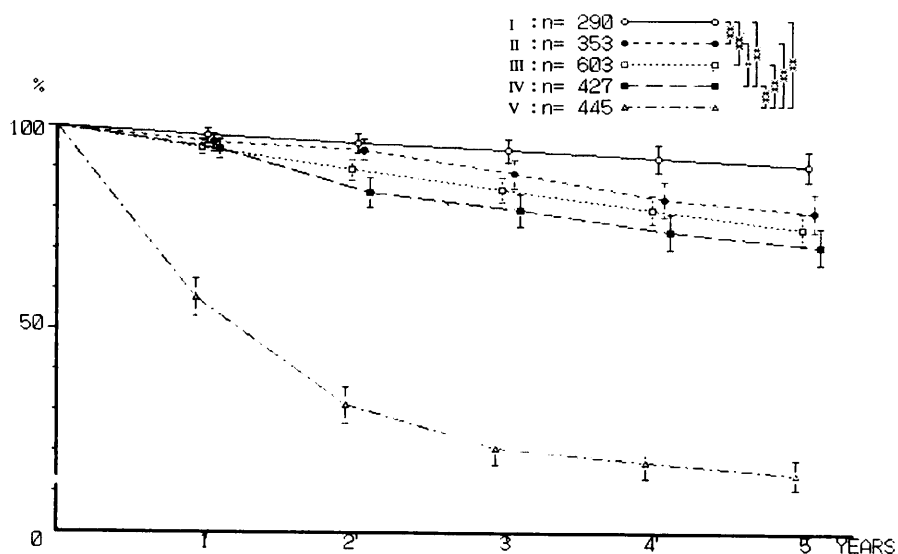


25-10 H0P0M(-)n4
Rectum.

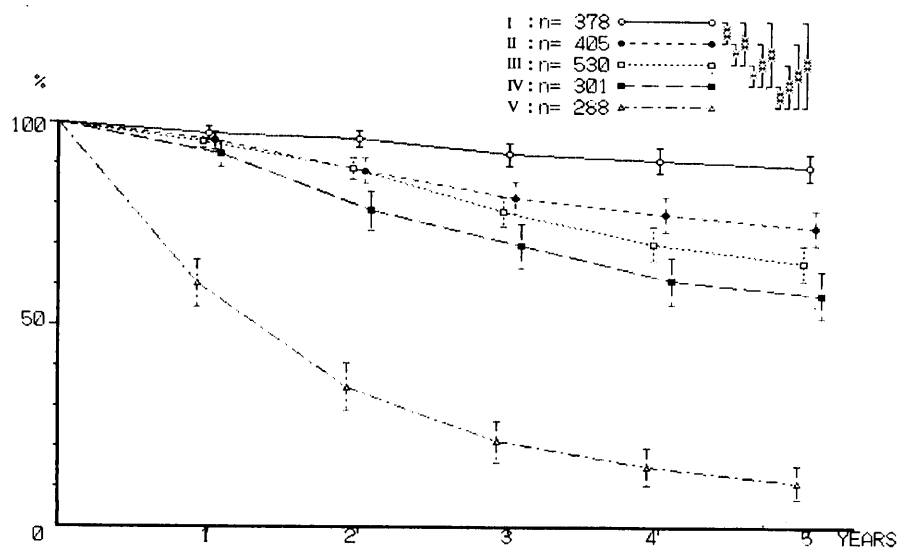


‡ P=0.01 * P=0.05

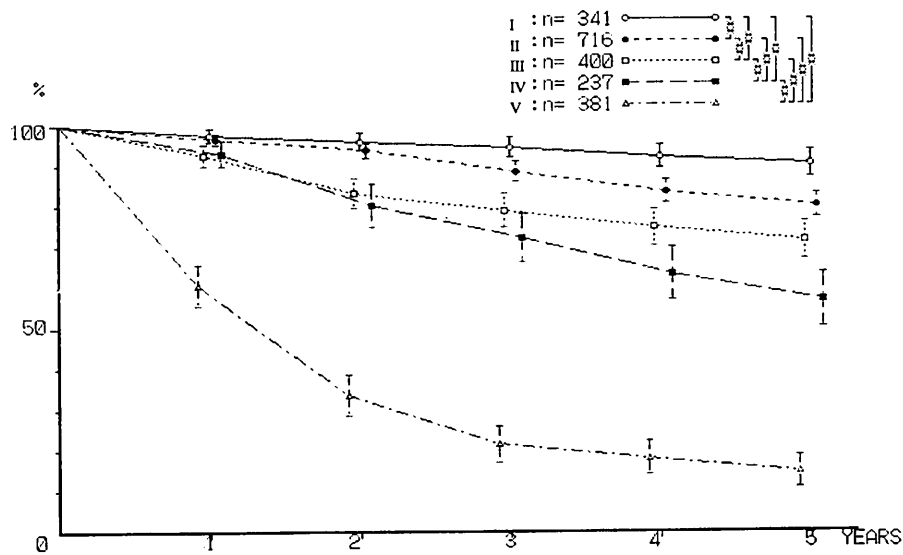
26-1 Clinical stage,
JSCCR.
Colon.



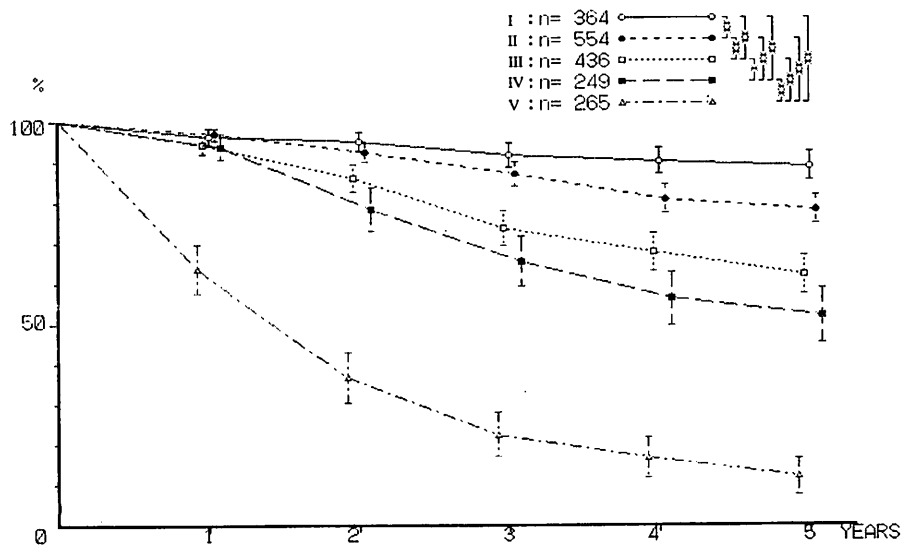
26-2 Clinical stage,
JSCCR.
Rectum.



26-3 Histological stage,
JSCCR.
Colon.

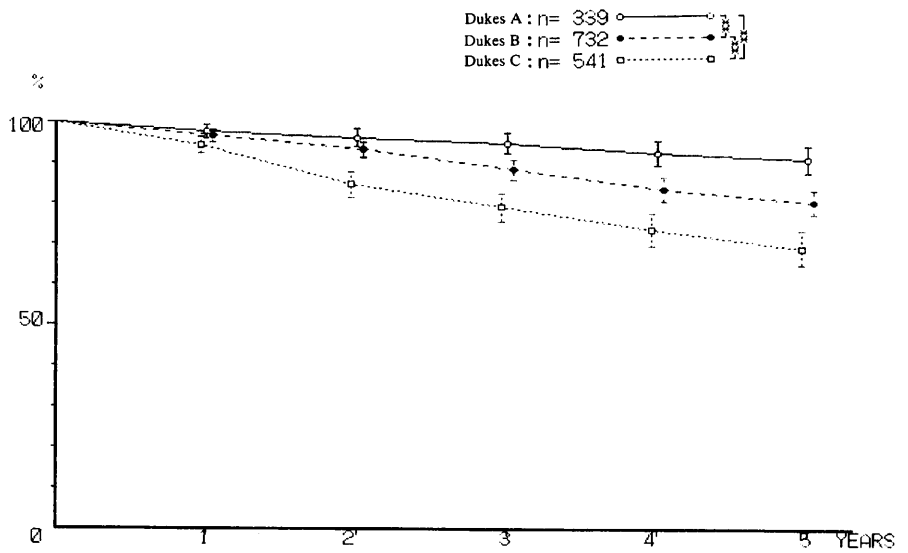


26-4 Histological stage,
JSCCR.
Rectum.

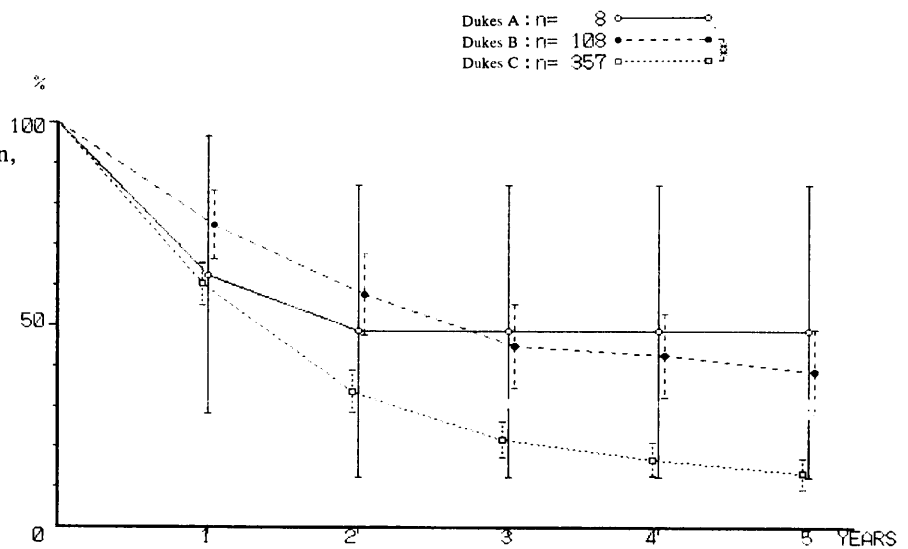


* P=0.01 * P=0.05

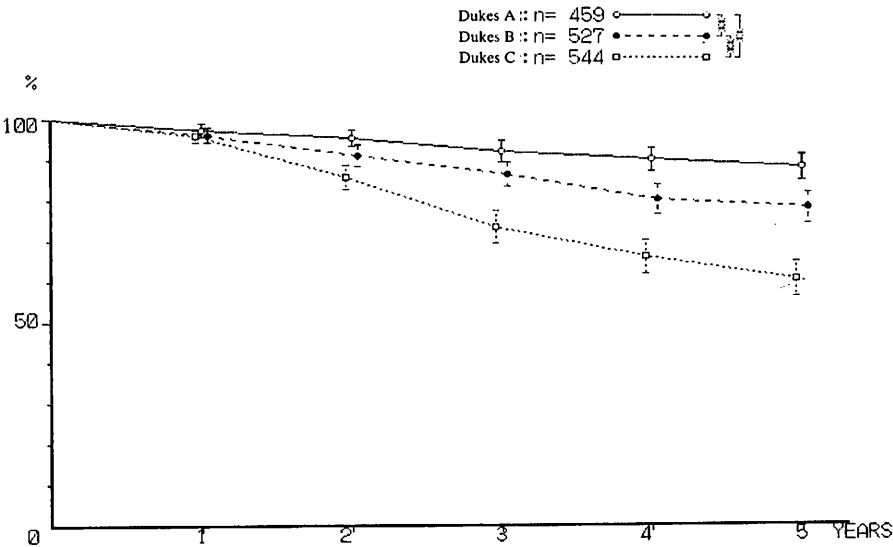
27-1 Dukes.
Curative resection,
Colon.



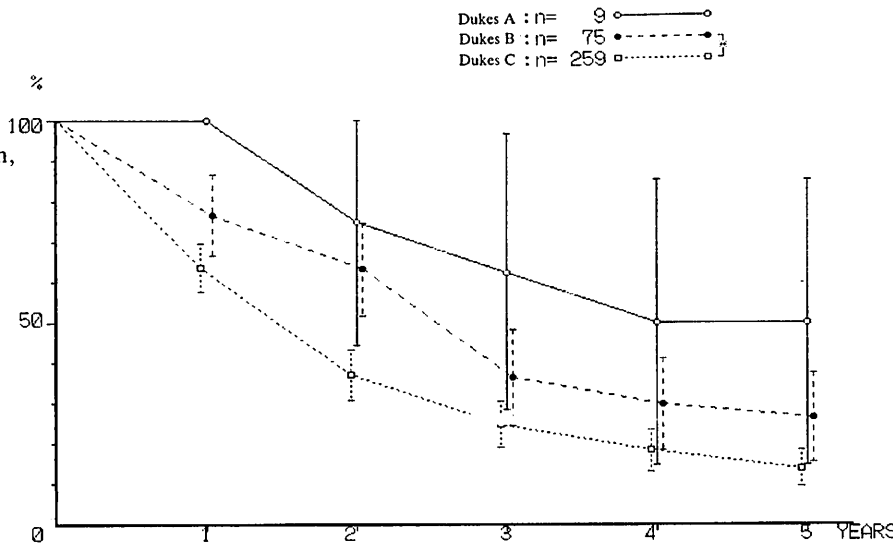
27-2 Dukes.
Non-curative resection,
Colon.



27-3 Dukes.
Curative resection,
Rectum.

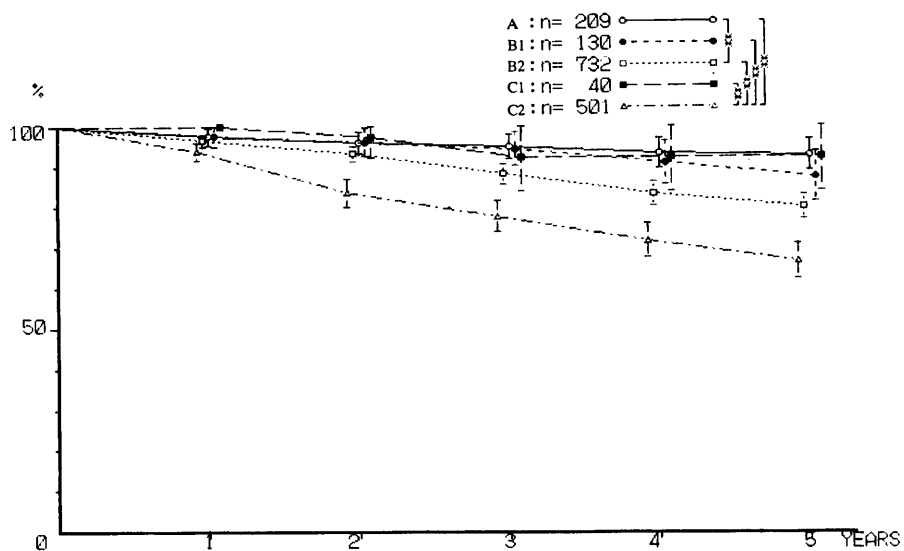


27-4 Dukes.
Non-curative resection,
Rectum.

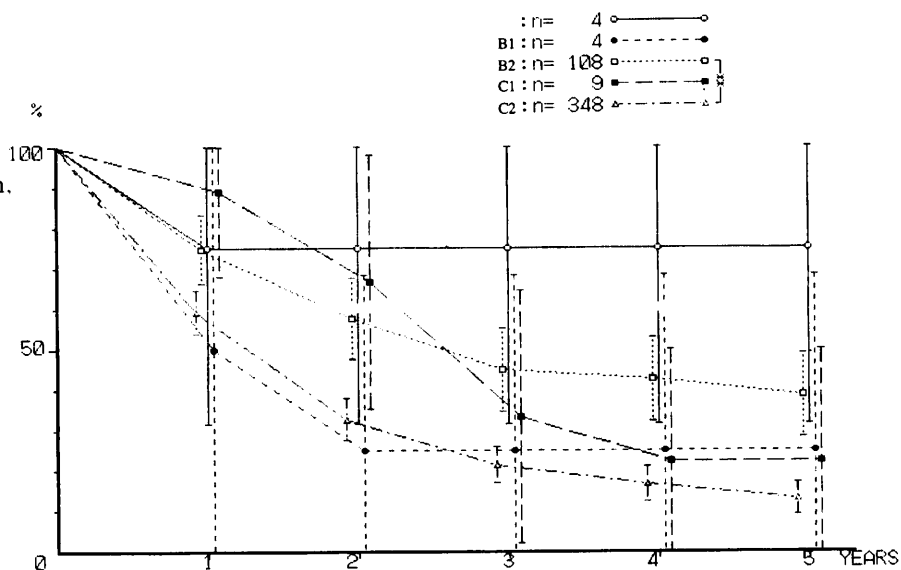


* P=0.01 * P=0.05

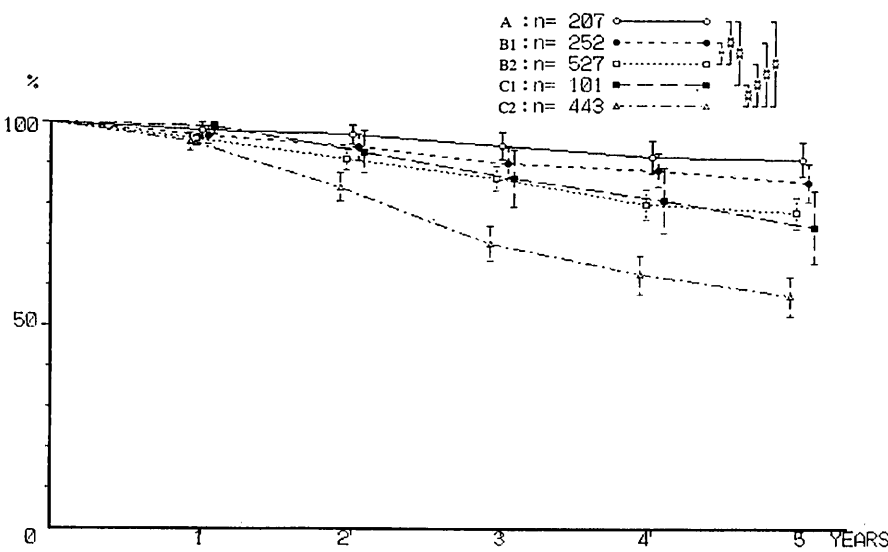
28-1 Astler-Coller.
Curative resection,
Colon.



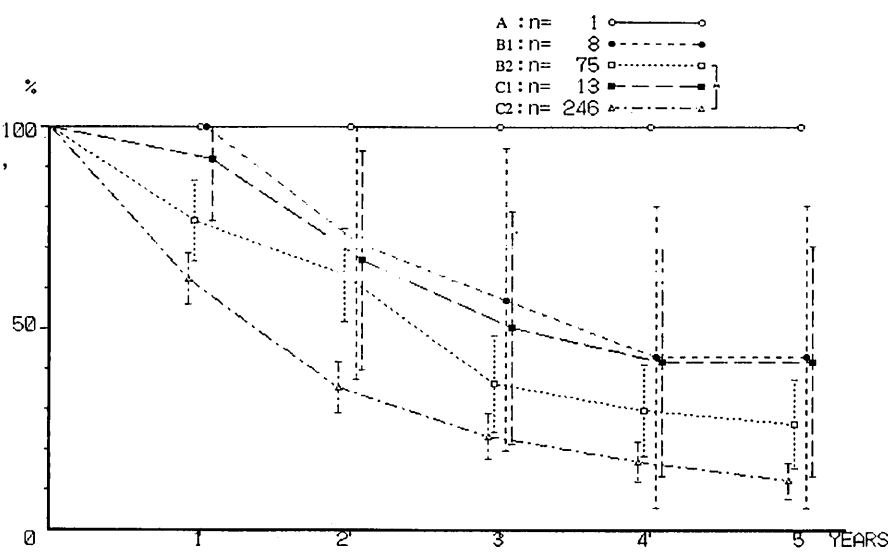
28-2 Astler-Coller.
Non-curative resection,
Colon.



28-3 Astler-Coller.
Curative resection,
Rectum.



28-4 Astler-Coller.
Non-curative resection,
Rectum.



* P=0.01 * P=0.05

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発 行 者

大腸癌研究会

事務局：近畿大学医学部 第1外科内

〒589 大阪府大阪狭山市大野東377-2

TEL 0723(66)0221

全国登録委員会：栃木県立がんセンター

〒320 栃木県宇都宮市陽南4-9-13

TEL 028(658)5151

印 刷

(株)松井ビ・テ・オ・印刷

宇都宮市平出町4287-7

TEL 028(662)2511
