

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

**Vol. 23
Cases treated in 1994**

Japanese Society for Cancer of the Colon and Rectum

Members of the Registry Committee,
Japanese Society for Cancer of the Colon and Rectum

Honjo, Satoshi	Tochigi
Kato, Tomoyuki	Nagoya
Kodaira, Susumu	Tokyo
Kotake, Kenjiro*	Tochigi
Koyama, Yasuo	Tochigi
Moriya, Yoshihiro	Tokyo
Muto, Tetsuichiro†	Tokyo
Sugihara, Kenichi	Tokyo
Takahashi, Takashi	Tokyo
Yasutomi, Masayuki	Osaka

* Chairman of the Registry Committee.

† President of the Japanese Society for Cancer of the Colon and Rectum.

This report was prepared by
Kotake, K., Honjo, S. and Koyama, Y.

Preface

This booklet, the 23rd annual report, provides summary data relating to the prognosis of patients with large bowel cancer treated at 85 hospitals in 1994. In that year, 7,563 cases were prospectively registered at 122 institutions, and clinical and pathological characteristics of those cases were already presented in detail in the 12th report in 1996. The present survival analysis is based on 5,135 cases (68% of the prospective registrations), because 37 hospitals participated in the original registration but failed to respond to our follow-up inquiry. Some clinical and pathological findings of the present cases are reproduced in the first part of this booklet for the convenience of the readers.

This report is intended to help and stimulate patient care and research. The size of patients and the history since 1985 of this report is recognizable. However, figures in the report are based on some selected patients in Japan and follow-up rate remains to be improved substantially. It would be strongly desired for larger number of member hospitals to take part in the registration and follow-up. Only such collaboration could increase the value of subsequent reports in the series.

Acknowledgement

The Registry Committee is grateful to the many doctors who provided information on which this report is based. This work was supported in part by a Grant-in-Aid, No. 9-1, for Cancer Research from the Ministry of Health, Welfare and Labour of Japan.

June 2002

Tetsuichiro Muto, M.D.
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	GI Surg	153	152	89	63
Aomori City Hospital	Surg	92	89	50	39
Chiba Cancer Center	Surg	80	80	50	30
Coloproctology Center, Takano Hospital		150	147	91	56
Dokkyo University School of Medicine	Surg I	34	34	22	12
Dokkyo University School of Medicine	Surg II	25	25	13	12
Faculty of Medicine, Kagoshima University	Surg I	43	43	30	13
Faculty of Medicine, Kyushu University	Surg II	45	40	20	20
Faculty of Medicine, Mie University	Surg II	41	40	25	15
Faculty of Medicine, University of Tokyo	Surg I	63	62	44	18
Fujieda City Shida Hospital	Surg	44	41	26	15
Fukui Prefectural Hospital	Surg	86	85	44	41
Fukuoka University, Chikushi Hospital	Surg	100	99	60	39
Gihoku General Hospital	Surg	39	36	23	13
Gunma Cancer Center	Surg	60	59	34	25
Gunma University School of Medicine	Surg I	78	77	51	26
Hiraga General Hospital	Surg	59	57	31	26
Hirosaki University, School of Medicine	Surg II	53	52	30	22
Hiroshima University School of Medicine	Surg II	56	55	30	25
Hokkaido University, School of Medicine	Surg I	23	23	14	9
Iwakuni National Hospital	Surg	21	20	13	7
Iwate Medical University, School of Medicine	Surg I	57	55	36	19
Izushi Municipal Hospital		3	3	2	1
Jichi Medical School, School of Medicine	GI Gen Surg	43	41	27	14
Juntendo University, School of Medicine	Surg I	77	76	55	21
Kanagawa Cancer Center	Surg IV	91	90	56	34
Kanto Rosai Hospital		42	39	18	21
Kariya General Hospital		61	60	38	22
Kasukabe City Hospital	Surg	28	27	15	12
Kawasaki City Ida Hospital	Surg	45	42	24	18
Kawasaki Medical School	GE Surg	69	68	41	27
Kinki University School of Medicine	Surg I	83	81	53	28
Kobe National Hospital		44	42	19	23
Kobe University School of Medicine	Surg I	39	39	20	19
Kumamoto Municipal Hospital	Surg	71	68	35	33
Kumamoto University School of Medicine	Surg II	34	33	25	8
Kurume University, School of Medicine	Surg I	86	80	48	32
Kyoto University, Graduate School of Medicine, Faculty of Medicine	Surg I	57	56	36	20
Mito Kyodo General Hospital	Surg	43	40	29	11
Nagasaki University, School of Medicine	Surg I	87	82	46	36
Nara Medical University	Surg I	45	40	23	17
National Cancer Center Hospital	Surg	142	139	85	54
National Cancer Center Hospital East		25	25	16	9
National Defense Medical College	Surg I	150	149	88	61
National Kyushu Medical Center Hospital		59	57	36	21
National Sapporo Hospital Hokkaido Cancer Center	Surg	45	45	15	30
National Tochigi Hospital	Surg	9	9	5	4
Nihon University, School of Medicine	Surg III	51	46	23	23

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Niigata University, School of Medicine	Surg I	33	33	19	14
NTT WEST Osaka Hospital	Surg	60	59	33	26
Oita Medical University	Surg I	38	36	25	11
Okayama First Red Cross Hospital	Surg	59	59	40	19
Okayama University, Medical School	Surg II	13	13	9	4
Oomoto Hospital		71	65	31	34
Osaka Prefectural Hospital	Surg	102	100	43	57
Osaka University Faculty of Medicine	Surg II	50	46	23	23
Red Cross Sendai Hospital	Surg	107	103	58	45
Saitama Medical Center	Surg II	30	29	19	10
Sapporo Social Insurance General Hospital		27	26	13	13
School of Medicine, Chiba University	Surg I	78	71	39	32
School of Medicine, Kitasato University, East Hospital	Surg	78	77	48	29
School of Medicine, Tokai University	Surg II	53	51	34	17
Sendai National Hospital	Surg	48	48	28	20
Shiga University of Medical Science	Surg I	40	40	18	22
Shimada Municipal Hospital	Surg	59	55	36	19
Showa University, Toyosu Hospital	Surg	34	33	19	14
St.Marianna University School of Medicine	Surg I	33	33	20	13
Teikyo University School of Medicine	Surg II	55	55	41	14
Teikyo University School of Medicine	Surg I	42	42	29	13
The Institutes of Medical Science, The University of Tokyo		12	12	8	4
Tochigi Cancer Center		73	73	47	26
Toho University School of Medicine	Surg I	61	61	40	21
Tohoku University, School of Medicine	Surg I	43	42	30	12
Tokyo Kyosai Hospital		174	169	118	51
Tokyo Medical and Dental University, School of Medicine	Surg II	38	38	23	15
Tokyo Metropolitan Komagome Hospital	Surg	138	138	78	60
Tokyo Women's Medical College	Surg II	110	109	84	25
Tokyo Womens Medical College,Second Hospital	Surg	81	80	46	34
Tottori University, Faculty of Medicine	Surg I	62	58	33	25
Uwajima City Hospital	Surg	61	58	27	31
Yaizu Municipal General Hospital	Surg	56	55	38	17
Yamagata Prefectural Central Hospital	Surg	137	137	81	56
Yamagata University, School of Medicine	Surg I	33	33	26	7
Yamanashi Medical University	Surg I	37	35	20	15
Yokohama City University, School of Medicine	Surg II	116	115	77	38
Total		5,274	5,135	3,105	2,030

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. | |

Names of institutes and/or departments are the same as those used in Vol.12 although some have actually changed their names since 1996 under structural reorganization mostly in universities and medical colleges.

Abbreviation

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	3,012	1,767	1,245
	Rectum	2,052	1,302	750
Other malignancies ^{b)}	Colon	26	12	14
	Rectum	45	24	21
Total		5.135	3,015	2.030

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	3,006	[159] ^{b)}	6	3,012
	Rectum	2,047	[75]	5	2,052
	Total	5,053	[234]	11	5,064
Other malignancies	Colon	25	[0]	1	26
	Rectum	44	[9]	1	45
	Total	69	[9]	2	71
Total		5,122	[243]	13	5,135

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	12	0.2	6	6
Endoscopic polypectomy	243	4.7	159	84
Surgery	4,868	94.8	2,867	2,001
Cryosurgery	0	0	0	0
Electric cautery therapy	0	0	0	0
Radiation	2	0.04	0	2
Chemotherapy	9	0.2	5	4
Other modalities	1	0.02	1	0
Total	5,135	100.0	3,038	2,097

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	4	0	0	1	0	0	2	1	0
V	4	0	0	0	1	0	1	2	0
C	164	0	1	1	12	39	48	47	16
A	344	0	0	4	26	75	106	100	33
T	251	0	1	1	17	48	97	68	19
D	143	0	2	3	13	41	40	37	7
S	869	1	3	14	76	208	344	172	51
Colon	1,779	1	7	24	145	411	638	427	126
Rs	339	0	1	6	35	94	115	65	23
Ra	396	0	0	5	41	104	141	82	23
Rb	568	0	4	12	71	151	189	117	24
P	23	0	0	2	2	3	9	6	1
E	2	0	0	0	0	0	0	0	0
Rectum	1,326	0	5	25	149	352	454	270	71
Total	3,105	1	12	49	294	763	1,092	697	197

4-2 Female

Site	Total	Age							
		≤19	≤29	≤39	≤49	≤59	≤69	≤79	80≥
I	0	0	0	0	0	0	0	0	0
V	5	0	1	0	1	1	1	1	0
C	165	0	0	1	8	25	54	59	18
A	288	0	2	3	12	56	70	109	36
T	168	0	1	3	15	34	47	47	21
D	81	1	0	2	14	16	23	15	10
S	552	1	3	19	63	118	175	126	47
Colon	1,259	2	7	28	113	250	370	357	132
Rs	230	0	0	6	22	54	82	52	14
Ra	231	0	1	5	16	61	81	48	19
Rb	285	0	3	10	29	68	99	57	19
P	23	1	0	0	1	5	7	7	2
E	2	0	0	0	0	0	0	0	2
Rectum	771	1	4	21	68	188	269	164	56
Total	2,030	3	11	49	181	438	639	521	188

Colon: I, ileum; V, vermiform process; 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.

5 Gross appearance of primary lesion

5-1 Adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Unclassi- fied	Unknown
I	2	1	0	1	0	0	0	0
V	7	0	0	1	2	0	2	2
C	326	59	49	148	55	2	4	9
A	625	109	59	355	86	1	4	11
T	417	91	41	221	47	2	5	10
D	219	61	15	111	27	0	4	1
S	1,416	362	126	762	116	7	12	31
Colon	3,012	683	290	1,599	333	12	31	64
Rs	569	99	68	322	60	2	8	10
Ra	624	107	44	384	62	9	8	10
Rb	822	174	72	446	94	6	11	19
P	36	4	3	13	9	2	2	3
E	1	0	0	1	0	0	0	0
Rectum	2,052	384	187	1,166	225	19	29	42
Total	5,064	1,067	477	2,765	558	31	60	106

5-2 Malignant neoplasms other than adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Unclassi- fied	Unknown
I	2	0	1	1	0	0	0	0
V	2	0	0	1	0	0	0	1
C	3	0	1	2	0	0	0	0
A	7	0	3	3	0	0	0	1
T	2	1	0	0	1	0	0	0
D	5	1	1	1	1	0	1	0
S	5	3	1	0	1	0	0	0
Colon	26	5	7	8	3	0	1	2
Rs	0	0	0	0	0	0	0	0
Ra	3	2	0	1	0	0	0	0
Rb	31	18	6	3	0	0	1	3
P	10	3	2	1	2	0	2	0
E	1	0	1	0	0	0	0	0
Rectum	45	23	9	5	2	0	3	3
Total	71	28	16	13	5	0	4	5

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	1	1	0	0	0	0
V	7	1	0	1	5	0	0
C	326	173	117	17	10	3	6
A	625	318	231	40	21	1	14
T	417	214	170	11	22	0	0
D	219	125	82	6	2	0	4
S	1,416	801	538	23	22	2	30
Colon	3,012	1,633	1,139	98	82	6	54
Rs	569	297	242	12	5	1	12
Ra	624	311	278	14	9	1	11
Rb	822	388	356	33	24	3	18
P	36	12	15	1	6	1	1
E	1	0	1	0	0	0	0
Rectum	2,052	1,008	892	60	44	6	42
Total	5,064	2,641	2,031	158	126	12	96

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	0	0	0	0	1	0	0	0	1	0
V	2	0	0	0	0	2	0	0	0	0	0
C	3	0	0	1	0	0	0	0	0	2	0
A	7	1	2	0	0	1	0	0	0	2	1
T	2	0	0	0	0	1	0	0	0	1	0
D	5	0	0	0	0	1	0	0	1	0	3
S	5	0	1	0	0	0	0	0	0	0	4
Colon	26	1	3	1	0	6	0	0	1	6	8
Rs	0	0	0	0	0	0	0	0	0	0	0
Ra	3	0	0	1	0	2	0	0	0	0	0
Rb	31	1	0	0	1	23	1	0	1	1	3
P	10	5	2	0	1	0	2	0	0	0	0
E	1	1	0	0	0	0	0	0	0	0	0
Rectum	45	7	2	1	2	25	3	0	1	1	3
Total	71	8	5	2	2	31	3	0	2	7	11

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

7 Operative curability

7-1 Macroscopic, male

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	2	2	0	0	0	0	0
V	4	3	0	0	1	0	0
C	157	107	11	3	32	3	1
A	315	224	34	11	41	3	2
T	229	168	17	6	34	4	0
D	130	101	13	6	10	0	0
S	811	620	53	28	99	6	5
Colon	1,648	1,225	128	54	217	16	8
Rs	323	243	22	12	43	2	1
Ra	382	279	27	13	57	5	1
Rb	527	388	53	21	51	3	11
P	19	13	3	0	2	1	0
E	0	0	0	0	0	0	0
Rectum	1,251	923	105	46	153	11	13
Total	2,899	2,148	233	100	370	27	21

7-2 Macroscopic, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	0	0	0	0	0	0	0
V	3	1	1	0	0	0	1
C	161	96	24	5	34	2	0
A	278	191	25	14	46	1	1
T	164	115	15	3	29	1	1
D	75	54	7	5	9	0	0
S	518	406	20	12	75	3	2
Colon	1,199	863	92	39	193	7	5
Rs	224	176	10	11	21	4	2
Ra	216	162	21	3	27	1	2
Rb	263	194	28	6	27	4	4
P	17	10	4	1	2	0	0
E	1	0	0	0	1	0	0
Rectum	721	542	63	21	78	9	8
Total	1,920	1,405	155	60	271	16	13

7-3 Histological, male

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	2	2	0	0	0	0	0
V	4	3	0	0	1	0	0
C	157	114	9	2	28	2	2
A	315	234	24	12	42	3	0
T	229	178	10	6	31	4	0
D	130	105	10	4	11	0	0
S	811	636	38	29	95	6	7
Colon	1,648	1,272	91	53	208	15	9
Rs	323	242	20	15	43	2	1
Ra	382	273	26	19	58	5	1
Rb	527	385	54	20	53	3	12
P	19	11	3	1	3	1	0
E	0	0	0	0	0	0	0
Rectum	1,251	911	103	55	157	11	14
Total	2,899	2,183	194	108	365	26	23

7-4 Histological, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	0	0	0	0	0	0	0
V	3	1	1	0	0	0	1
C	161	105	16	4	34	2	0
A	278	197	25	15	40	1	0
T	164	117	16	2	26	1	2
D	75	58	2	6	9	0	0
S	518	415	17	8	71	3	4
Colon	1,199	893	77	35	180	7	7
Rs	224	171	13	11	25	3	1
Ra	216	163	14	7	28	1	3
Rb	263	186	31	4	33	4	5
P	17	11	3	1	2	0	0
E	1	0	0	0	1	0	0
Rectum	721	531	61	23	89	8	9
Total	1,920	1,424	138	58	269	15	16

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	8	5	2	0	0	0	1
A	28	19	2	0	2	0	5
T	23	18	3	0	0	0	2
D	14	13	0	1	0	0	0
S	86	53	19	0	0	0	14
Colon	159	108	26	1	2	0	22
Rs	22	15	2	0	2	0	3
Ra	25	22	1	0	0	0	2
Rb	28	21	4	0	0	0	3
P	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
Rectum	75	58	7	0	2	0	8
Total	234	166	33	1	4	0	30

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)

8 Hepatic metastasis

Adenocarcinoma, surgical cases

Site	Total	H0	H1	H2	H3	Unknown
I	2	2	0	0	0	0
V	7	6	0	0	0	1
C	318	275	17	2	23	1
A	593	529	24	19	20	1
T	393	351	13	8	19	2
D	205	186	6	3	8	2
S	1,329	1,202	36	24	63	4
Colon	2,847	2,551	96	56	133	11
Rs	547	486	21	18	21	1
Ra	598	535	24	9	25	5
Rb	790	723	21	12	17	17
P	36	34	1	1	0	0
E	1	1	0	0	0	0
Rectum	1,972	1,779	67	40	63	23
Total	4,819	4,330	163	96	196	34

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	7	6	1	0	0	0	0
C	318	279	2	11	8	16	2
A	593	554	0	15	9	13	2
T	393	365	1	4	5	16	2
D	205	201	0	0	3	1	0
S	1,329	1,257	3	26	23	16	4
Colon	2,847	2,664	7	56	48	62	10
Rs	547	525	1	7	6	6	2
Ra	598	561	4	21	4	4	4
Rb	790	749	0	7	2	2	30
P	36	36	0	0	0	0	0
E	1	1	0	0	0	0	0
Rectum	1,972	1,872	5	35	12	12	36
Total	4,819	4,536	12	91	60	74	46

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 ovarium 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	7	7	0	0
C	318	301	9	8
A	593	571	14	8
T	393	385	6	2
D	205	201	3	1
S	1,329	1,290	24	15
Colon	2,847	2,757	56	34
Rs	547	530	13	4
Ra	598	575	18	5
Rb	790	765	11	14
P	36	36	0	0
E	1	1	0	0
Rectum	1,972	1,907	42	23
Total	4,819	4,664	98	57

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	2	0	0	0	0	0
V	7	2	2	1	0	0	2
C	318	117	89	64	32	10	6
A	593	223	178	116	38	31	7
T	393	184	114	46	30	10	9
D	205	95	62	30	8	5	5
S	1,329	661	395	179	29	40	25
Colon	2,847	1,284	840	436	137	96	54
Rs	547	271	177	59	12	18	10
Ra	598	275	207	70	22	16	8
Rb	790	388	205	105	27	17	48
P	36	17	8	4	5	2	0
E	1	0	0	0	0	0	1
Rectum	1,972	951	597	238	66	53	67
Total	4,819	2,235	1,437	674	203	149	121

11-2 Histological

Adenocarcinoma, surgical cases

Site	Total	n0	n1	n2	n3	n4	nx
I	2	0	2	0	0	0	0
V	7	5	0	1	0	0	1
C	318	164	69	38	25	7	15
A	593	321	132	84	33	12	11
T	393	244	79	28	18	5	19
D	205	137	42	16	3	3	4
S	1,329	816	288	147	12	25	41
Colon	2,847	1,687	612	314	91	52	91
Rs	547	315	143	45	12	14	18
Ra	598	326	161	60	17	9	25
Rb	790	388	167	110	19	14	92
P	36	15	6	9	2	3	1
E	1	0	0	0	0	0	1
Rectum	1,972	1,044	477	224	50	40	137
Total	4,819	2,731	1,089	538	141	92	228

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	1	0	0	1	0	0	0
V	7	0	0	0	0	2	3	2
C	318	31	28	25	71	103	51	9
A	593	34	56	52	159	208	61	23
T	393	29	43	40	87	130	56	8
D	205	17	30	16	61	54	22	5
S	1,329	58	228	133	341	401	143	25
Colon	2,847	170	385	266	720	898	336	72
Rs	547	22	70	69	133	191	56	6
Ra	598	25	65	79	147	214	53	15
Rb	790	53	102	148	183	216	78	10
P	36	1	3	4	8	7	12	1
E	1	0	0	0	1	0	0	0
Rectum	1,972	101	240	300	472	628	199	32
Total	4,819	271	625	566	1,192	1,526	535	104

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	1	0	1	0	0	0
V	7	0	0	0	2	1	3	1
C	318	39	25	33	112	75	29	5
A	593	44	60	44	263	150	26	6
T	393	39	37	28	160	90	32	7
D	205	20	33	23	87	34	7	1
S	1,329	68	239	165	529	242	77	9
Colon	2,847	210	395	293	1,154	592	174	29
Rs	547	31	68	71	222	131	18	6
Ra	598	34	61	77	226	158	32	10
Rb	790	54	110	183	192	191	52	8
P	36	1	2	9	7	7	9	1
E	1	0	0	0	1	0	0	0
Rectum	1,972	120	241	340	648	487	111	25
Total	4,819	330	636	633	1,802	1,079	285	54

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	844
Laparotomy only	9	Transversectomy	199
Enterostomy		Descending colectomy	90
ileum	6	Left colectomy	160
right colon	1	Sigmoidectomy	1,141
transverse colon	11	Subtotal colectomy	12
left colon	18	Total colectomy	3
unknown	0	Total colorectal resection	9
Intestinal by-pass	9	Sphincter-preserving operation	
Others	0	High anterior resection	378
Polypectomy		Low anterior resection	1,004
trans-abdominal	2	Posterior resection	3
trans-anal	23	Invagination method	2
trans-sacral	6	Pull-through procedure	3
trans-sphincteric	2	Abdominosacral resection	3
Tumorectomy		Hartmann's operation	106
trans-abdominal	3	Amputation of the rectum	
trans-anal	35	abdominoperineal	437
trans-sacral	10	abdominosacral	13
trans-sphincteric	1	sacroabdominal	1
Appendectomy	2	Total pelvic exenteration	40
Ileocecal resection	147	Others	38
Ascending colectomy	45	Unknown	3
		Total	4,819

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	2,847	2,165	168	88	388	22	16
	Operative deaths	36	20	0	1	12	2	1
	%	1.3	0.9	0	1.1	3.1	9.1	6.3
Rectum	No. of operations	1,972	1,442	164	78	246	19	23
	Operative deaths	26	15	5	0	4	2	0
	%	1.3	1.0	3	0	1.6	10.5	0

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	25	18	2	1	4	0	0
	Operative deaths	1	1	0	0	0	0	0
	%	4	6	0	0	0	0	0
Rectum	No. of operations	35	10	15	3	4	1	2
	Operative deaths	0	0	0	0	0	0	0
	%	0	0	0	0	0	0	0

14-3 Site of the tumor

	Adenocarcinoma			Other malignancies		
	No. of operations	Operative deaths	%	No. of operations	Operative deaths	%
I	2	0		2	0	
V	7	0		2	0	
C	318	6	1.9	3	0	
A	593	10	1.7	6	1	17
T	393	3	0.8	2	0	
D	205	1	0.5	5	0	
S	1,329	16	1.2	5	0	
Colon	2,847	36	1.3	25	1	4
Rs	547	7	1.3	0		
Ra	598	13	2.2	2	0	
Rb	790	6	0.8	22	0	
P	36	0		10	0	
E	1	0		1	0	
Rectum	1,972	26	1.3	35	0	
Total	4,819	62	1.3	60	1	1.7

14-4 Surgical procedures

Adenocarcinoma

	No.of cases	No.of deaths	%		No.of cases	No.of deaths	%
Nonresection				Right colectomy	844	9	1.1
Laparotomy only	9	0		Transversectomy	199	1	0.5
Enterostomy				Descending colectomy	90	1	1.1
ileum	6	0		Left colectomy	160	1	0.6
right colon	1	0		Sigmoidectomy	1,141	14	1.2
transverse colon	11	3	27.3	Subtotal colectomy	12	0	
left colon	18	0		Total colectomy	3	0	
unknown	0	0		Total colorectal resection	9	0	
Intestinal by-pass	9	1	11.1	Sphincter-preserving operation			
Others	0	0		High anterior resection	378	1	0.3
Polypectomy				Low anterior resection	1,004	13	1.3
trans-abdominal	2	0		Posterior resection	3	1	33.3
trans-anal	23	0		Invagination method	2	1	50.0
trans-sacral	6	0		Pull-through procedure	3	0	
trans-sphincteric	2	0		Abdominosacral resection	3	0	
Tumorectomy				Hartmann's operation	106	5	4.7
trans-abdominal	3	0		Amputation of the rectum			
trans-anal	35	0		abdominoperineal	437	3	0.7
trans-sacral	10	0		abdominosacral	13	0	
trans-sphincteric	1	0		sacroabdominal	1	0	
Appendectomy	2	0		Total pelvic exenteration	40	1	2.5
Ileocecal resection	147	5	3.4	Others	38	0	
Ascending colectomy	45	2	4.4	Unknown	3	0	
				Total	4,819	62	1.3

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 $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,627	154	59	0	90.4 $\pm$ 1.5	(91.8 - 88.9)
1 - 2	1,414	96	103	0	84.0 $\pm$ 1.9	(85.9 - 82.1)
2 - 3	1,215	75	62	0	78.7 $\pm$ 2.1	(80.8 - 76.6)
3 - 4	1,078	48	68	0	75.1 $\pm$ 2.3	(77.3 - 72.8)
4 - 5	962	33	93	0	72.4 $\pm$ 2.4	(74.7 - 70.0)
5 -	836			836		
TOTAL	1,627	406	385	836		

Colon, female

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,174	122	45	0	89.4 $\pm$ 1.8	(91.2 - 87.6)
1 - 2	1,007	97	57	0	80.5 $\pm$ 2.4	(82.9 - 78.2)
2 - 3	853	45	45	0	76.2 $\pm$ 2.6	(78.7 - 73.6)
3 - 4	763	24	50	0	73.7 $\pm$ 2.7	(76.4 - 71.0)
4 - 5	689	11	51	0	72.5 $\pm$ 2.7	(75.2 - 69.7)
5 -	627			627		
TOTAL	1,174	299	248	627		

Rectum, male

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,230	104	23	0	91.5 $\pm$ 1.6	(93.1 - 89.9)
1 - 2	1,103	108	62	0	82.3 $\pm$ 2.2	(84.5 - 80.0)
2 - 3	933	80	45	0	75.0 $\pm$ 2.5	(77.6 - 72.5)
3 - 4	808	45	36	0	70.7 $\pm$ 2.7	(73.4 - 68.1)
4 - 5	727	41	69	0	66.6 $\pm$ 2.8	(69.4 - 63.7)
5 -	617			617		
TOTAL	1,230	378	235	617		

Rectum, female

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	715	55	19	0	92.2 $\pm$ 2.0	(94.2 - 90.2)
1 - 2	641	55	39	0	84.0 $\pm$ 2.8	(86.8 - 81.3)
2 - 3	547	37	26	0	78.2 $\pm$ 3.2	(81.4 - 75.0)
3 - 4	484	25	24	0	74.1 $\pm$ 3.4	(77.5 - 70.7)
4 - 5	435	16	49	0	71.2 $\pm$ 3.6	(74.8 - 67.6)
5 -	370			370		
TOTAL	715	188	157	370		

15-2 Sex

Malignant neoplasms other than 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	10	1	1	0	89.5 ± 19.9	(109.4 - 69.6)
1 - 2	8	1	2	0	76.7 ± 29.2	(105.9 - 47.5)
2 - 3	5	0	0	0	76.7 ± 29.2	(105.9 - 47.5)
3 - 4	5	0	0	0	76.7 ± 29.2	(105.9 - 47.5)
4 - 5	5	0	1	0	76.7 ± 29.2	(105.9 - 47.5)
5 -	4			4		
TOTAL	10	2	4	4		

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	14	0	0	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	14	0	2	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	12	0	0	0	100.0 ± 0.0	(100.0 -100.0)
3 - 4	12	0	1	0	100.0 ± 0.0	(100.0 -100.0)
4 - 5	11	0	0	0	100.0 ± 0.0	(100.0 -100.0)
5 -	11			11		
TOTAL	14	0	3	11		

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	18	4	0	0	77.8 ± 19.6	(97.4 - 58.2)
1 - 2	14	3	1	0	60.5 ± 23.3	(83.8 - 37.2)
2 - 3	10	1	0	0	54.4 ± 23.9	(78.3 - 30.6)
3 - 4	9	0	0	0	54.4 ± 23.9	(78.3 - 30.6)
4 - 5	9	0	1	0	54.4 ± 23.9	(78.3 - 30.6)
5 -	8			8		
TOTAL	18	8	2	8		

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	17	3	0	0	82.4 ± 18.5	(100.8 - 63.9)
1 - 2	14	1	1	0	76.3 ± 20.8	(97.0 - 55.5)
2 - 3	12	0	0	0	76.3 ± 20.8	(97.0 - 55.5)
3 - 4	12	0	2	0	76.3 ± 20.8	(97.0 - 55.5)
4 - 5	10	0	1	0	76.3 ± 20.8	(97.0 - 55.5)
5 -	9			9		
TOTAL	17	4	4	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	1,211	30	40	0	97.5 ± 0.9	(98.4 - 96.6)
1 - 2	1,141	34	80	0	94.5 ± 1.3	(95.8 - 93.1)
2 - 3	1,027	44	46	0	90.3 ± 1.8	(92.1 - 88.6)
3 - 4	937	35	56	0	86.9 ± 2.1	(88.9 - 84.8)
4 - 5	846	26	79	0	84.1 ± 2.3	(86.3 - 81.8)
5 -	741			741		
TOTAL	1,211	169	301	741		

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	126	12	9	0	90.1 ± 5.4	(95.5 - 84.7)
1 - 2	105	9	7	0	82.1 ± 7.1	(89.2 - 75.0)
2 - 3	89	8	6	0	74.5 ± 8.2	(82.7 - 66.3)
3 - 4	75	5	7	0	69.3 ± 8.9	(78.2 - 60.4)
4 - 5	63	2	8	0	66.9 ± 9.2	(76.1 - 57.8)
5 -	53			53		
TOTAL	126	36	37	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	52	9	0	0	82.7 ± 10.5	(93.2 - 72.2)
1 - 2	43	5	5	0	72.5 ± 12.6	(85.0 - 59.9)
2 - 3	33	5	2	0	61.2 ± 14.1	(75.3 - 47.1)
3 - 4	26	2	3	0	56.2 ± 14.6	(70.8 - 41.6)
4 - 5	21	3	1	0	47.9 ± 15.2	(63.2 - 32.7)
5 -	17			17		
TOTAL	52	24	11	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	215	90	8	0	57.3 ± 6.8	(64.2 - 50.5)
1 - 2	117	46	11	0	33.7 ± 6.7	(40.4 - 27.0)
2 - 3	60	18	8	0	22.9 ± 6.2	(29.0 - 16.7)
3 - 4	34	6	2	0	18.7 ± 5.9	(24.6 - 12.8)
4 - 5	26	1	5	0	17.9 ± 5.9	(23.8 - 12.0)
5 -	20			20		
TOTAL	215	161	34	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	16	12	1	0	22.6 ± 21.2	(43.8 - 1.3)
1 - 2	3	1	0	0	15.1 ± 18.8	(33.8 - -3.7)
2 - 3	2	0	0	0	15.1 ± 18.8	(33.8 - -3.7)
3 - 4	2	0	0	0	15.1 ± 18.8	(33.8 - -3.7)
4 - 5	2	0	0	0	15.1 ± 18.8	(33.8 - -3.7)
5 -	2			2		
TOTAL	16	13	1	2		

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	848	19	33	0	97.7 ± 1.0	(98.8 - 96.7)
	1 - 2	796	37	43	0	93.0 ± 1.8	(94.8 - 91.3)
	2 - 3	716	23	37	0	90.0 ± 2.1	(92.1 - 87.8)
	3 - 4	656	15	42	0	87.9 ± 2.4	(90.2 - 85.5)
	4 - 5	599	8	45	0	86.6 ± 2.5	(89.1 - 84.2)
	5 -	546			546		
	TOTAL	848	102	200	546		

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	89	8	6	0	90.7 ± 6.3	(97.0 - 84.4)
	1 - 2	75	8	5	0	80.7 ± 8.7	(89.4 - 72.0)
	2 - 3	62	4	4	0	75.3 ± 9.6	(84.9 - 65.7)
	3 - 4	54	0	3	0	75.3 ± 9.6	(84.9 - 65.7)
	4 - 5	51	2	5	0	72.2 ± 10.2	(82.4 - 62.0)
	5 -	44			44		
	TOTAL	89	22	23	44		

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	6	0	0	84.2 ± 11.8	(96.0 - 72.4)
	1 - 2	32	5	2	0	70.6 ± 14.9	(85.5 - 55.7)
	2 - 3	25	5	0	0	56.5 ± 16.4	(72.9 - 40.1)
	3 - 4	20	2	4	0	50.2 ± 16.8	(67.1 - 33.4)
	4 - 5	14	1	0	0	46.6 ± 17.1	(63.7 - 29.5)
	5 -	13			13		
	TOTAL	38	19	6	13		

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	187	82	4	0	55.7 ± 7.3	(63.0 - 48.4)
	1 - 2	101	47	7	0	28.8 ± 6.8	(35.6 - 22.1)
	2 - 3	47	12	3	0	21.2 ± 6.3	(27.5 - 15.0)
	3 - 4	32	7	0	0	16.6 ± 5.8	(22.4 - 10.8)
	4 - 5	25	0	1	0	16.6 ± 5.8	(22.4 - 10.8)
	5 -	24			24		
	TOTAL	187	148	15	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	9	6	2	0	25.0 ± 30.6	(55.6 - -5.6)
	1 - 2	1	0	0	0	25.0 ± 30.6	(55.6 - -5.6)
	2 - 3	1	0	1	0	25.0 ± 30.6	(55.6 - -5.6)
	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	9	6	3	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	909	32	19	0	96.4 ± 1.2	(97.7 - 95.2)
1 - 2	858	38	43	0	92.1 ± 1.8	(93.9 - 90.2)
2 - 3	777	38	35	0	87.5 ± 2.3	(89.7 - 85.2)
3 - 4	704	35	27	0	83.0 ± 2.6	(85.6 - 80.4)
4 - 5	642	36	60	0	78.1 ± 2.9	(81.0 - 75.2)
5 -	546			546		
TOTAL	909	179	184	546		

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	103	4	2	0	96.1 ± 3.8	(99.9 - 92.2)
1 - 2	97	12	10	0	83.5 ± 7.5	(91.1 - 76.0)
2 - 3	75	6	6	0	76.6 ± 8.8	(85.4 - 67.8)
3 - 4	63	5	4	0	70.3 ± 9.7	(80.0 - 60.6)
4 - 5	54	1	5	0	68.9 ± 9.9	(78.8 - 59.1)
5 -	48			48		
TOTAL	103	28	27	48		

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	46	7	1	0	84.6 ± 10.7	(95.3 - 73.9)
1 - 2	38	16	2	0	48.0 ± 15.1	(63.1 - 33.0)
2 - 3	20	12	1	0	18.5 ± 12.1	(30.5 - 6.4)
3 - 4	7	1	0	0	15.8 ± 11.4	(27.3 - 4.4)
4 - 5	6	1	0	0	13.2 ± 10.7	(23.9 - 2.5)
5 -	5			5		
TOTAL	46	37	4	5		

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	149	53	0	0	64.4 ± 7.8	(72.3 - 56.6)
1 - 2	96	39	6	0	37.4 ± 8.0	(45.4 - 29.4)
2 - 3	51	24	3	0	19.3 ± 6.7	(26.0 - 12.5)
3 - 4	24	4	4	0	15.8 ± 6.4	(22.1 - 9.4)
4 - 5	16	1	3	0	14.7 ± 6.3	(21.0 - 8.4)
5 -	12			12		
TOTAL	149	121	16	12		

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	17	8	1	0	51.5 ± 24.6	(76.1 - 26.9)
1 - 2	8	1	1	0	44.6 ± 24.9	(69.5 - 19.8)
2 - 3	6	0	0	0	44.6 ± 24.9	(69.5 - 19.8)
3 - 4	6	0	0	0	44.6 ± 24.9	(69.5 - 19.8)
4 - 5	6	1	0	0	37.2 ± 24.8	(62.0 - 12.4)
5 -	5			5		
TOTAL	17	10	2	5		

16-4 Macroscopic operative curability

Rectum, 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	539	10	16	0	98.1 ± 1.2	(99.3 - 96.9)
1 - 2	513	23	25	0	93.6 ± 2.2	(95.8 - 91.5)
2 - 3	465	16	19	0	90.3 ± 2.6	(93.0 - 87.7)
3 - 4	430	21	20	0	85.8 ± 3.2	(89.0 - 82.7)
4 - 5	389	13	47	0	82.8 ± 3.5	(86.2 - 79.3)
5 -	329			329		
TOTAL	539	83	127	329		

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	63	5	0	0	92.1 ± 6.8	(98.9 - 85.3)
1 - 2	58	8	7	0	78.5 ± 10.6	(89.1 - 68.0)
2 - 3	43	7	4	0	65.1 ± 12.7	(77.9 - 52.4)
3 - 4	32	2	3	0	60.9 ± 13.3	(74.1 - 47.6)
4 - 5	27	0	1	0	60.9 ± 13.3	(74.1 - 47.6)
5 -	26			26		
TOTAL	63	22	15	26		

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	21	4	0	0	81.0 ± 17.1	(98.1 - 63.8)
1 - 2	17	3	4	0	64.8 ± 21.6	(86.4 - 43.1)
2 - 3	10	5	1	0	30.7 ± 23.3	(54.0 - 7.3)
3 - 4	4	0	0	0	30.7 ± 23.3	(54.0 - 7.3)
4 - 5	4	0	0	0	30.7 ± 23.3	(54.0 - 7.3)
5 -	4			4		
TOTAL	21	12	5	4		

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	76	30	3	0	59.7 ± 11.4	(71.1 - 48.4)
1 - 2	43	18	3	0	33.8 ± 11.2	(45.0 - 22.6)
2 - 3	22	7	2	0	22.5 ± 10.2	(32.8 - 12.3)
3 - 4	13	2	1	0	18.9 ± 9.8	(28.7 - 9.2)
4 - 5	10	3	0	0	13.3 ± 8.8	(22.0 - 4.5)
5 -	7			7		
TOTAL	76	60	9	7		

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	11	6	0	0	45.5 ± 30.0	(75.5 - 15.4)
1 - 2	5	3	0	0	18.2 ± 23.3	(41.4 - -5.1)
2 - 3	2	0	0	0	18.2 ± 23.3	(41.4 - -5.1)
3 - 4	2	0	0	0	18.2 ± 23.3	(41.4 - -5.1)
4 - 5	2	0	0	0	18.2 ± 23.3	(41.4 - -5.1)
5 -	2			2		
TOTAL	11	9	0	2		

16-5 Histological operative curability

Colon, male, 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	1,257	32	43	0	97.4 ± 0.9	(98.3 - 96.5)
1 - 2	1,182	35	85	0	94.4 ± 1.3	(95.7 - 93.1)
2 - 3	1,062	49	48	0	90.0 ± 1.8	(91.7 - 88.2)
3 - 4	965	37	59	0	86.4 ± 2.1	(88.5 - 84.4)
4 - 5	869	25	83	0	83.8 ± 2.2	(86.0 - 81.6)
5 -	761			761		
TOTAL	1,257	178	318	761		

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	89	6	7	0	93.0 ± 5.5	(98.5 - 87.5)
1 - 2	76	9	3	0	81.7 ± 8.5	(90.3 - 73.2)
2 - 3	64	5	5	0	75.1 ± 9.7	(84.8 - 65.4)
3 - 4	54	3	6	0	70.7 ± 10.4	(81.1 - 60.3)
4 - 5	45	3	5	0	66.7 ± 11.1	(76.8 - 54.6)
5 -	37			37		
TOTAL	89	26	26	37		

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	52	7	0	0	86.5 ± 9.5	(96.0 - 77.1)
1 - 2	45	4	6	0	78.3 ± 11.6	(89.9 - 66.7)
2 - 3	35	7	1	0	62.4 ± 14.2	(76.6 - 48.2)
3 - 4	27	2	3	0	57.5 ± 14.6	(72.2 - 42.9)
4 - 5	22	3	1	0	49.5 ± 15.3	(64.7 - 34.2)
5 -	18			18		
TOTAL	52	23	11	18		

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	206	96	7	0	52.6 ± 7.0	(59.6 - 45.6)
1 - 2	103	45	9	0	28.6 ± 6.5	(35.1 - 22.1)
2 - 3	49	13	8	0	20.3 ± 6.0	(26.3 - 14.3)
3 - 4	28	6	0	0	16.0 ± 5.7	(21.6 - 10.3)
4 - 5	22	1	4	0	15.2 ± 5.6	(20.8 - 9.5)
5 -	17			17		
TOTAL	206	161	28	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	15	12	1	0	17.2 ± 19.8	(37.1 - -2.6)
1 - 2	2	1	0	0	8.6 ± 15.7	(24.3 - -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		

16-6 Histological 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 $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	877	18	37	0	97.9 $\pm$ 1.0	(98.9 - 96.9)
1 - 2	822	33	47	0	93.9 $\pm$ 1.7	(95.5 - 92.2)
2 - 3	742	23	35	0	90.9 $\pm$ 2.0	(92.9 - 88.9)
3 - 4	684	15	44	0	88.8 $\pm$ 2.2	(91.1 - 86.6)
4 - 5	625	6	46	0	87.9 $\pm$ 2.3	(90.3 - 85.6)
5 -	573			573		
TOTAL	877	95	209	573		

Relative curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	76	11	2	0	85.3 $\pm$ 8.2	(93.5 - 77.2)
1 - 2	63	13	5	0	67.0 $\pm$ 11.1	(78.1 - 55.9)
2 - 3	45	3	6	0	62.2 $\pm$ 11.6	(73.8 - 50.6)
3 - 4	36	1	2	0	60.4 $\pm$ 11.8	(72.2 - 48.7)
4 - 5	33	4	4	0	52.6 $\pm$ 12.6	(65.2 - 40.1)
5 -	25			25		
TOTAL	76	32	19	25		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	34	6	0	0	82.4 $\pm$ 13.1	(95.4 - 69.3)
1 - 2	28	4	0	0	70.6 $\pm$ 15.6	(86.2 - 55.0)
2 - 3	24	5	1	0	55.6 $\pm$ 17.1	(72.7 - 38.4)
3 - 4	18	2	3	0	48.8 $\pm$ 17.5	(66.3 - 31.3)
4 - 5	13	1	0	0	45.1 $\pm$ 17.7	(62.8 - 27.4)
5 -	12			12		
TOTAL	34	18	4	12		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	174	80	4	0	53.5 $\pm$ 7.6	(61.1 - 45.9)
1 - 2	90	47	5	0	24.8 $\pm$ 6.7	(31.5 - 18.1)
2 - 3	38	12	3	0	16.6 $\pm$ 5.9	(22.5 - 10.7)
3 - 4	23	6	0	0	12.3 $\pm$ 5.3	(17.6 - 7.0)
4 - 5	17	0	1	0	12.3 $\pm$ 5.3	(17.6 - 7.0)
5 -	16			16		
TOTAL	174	145	13	16		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	9	6	2	0	25.0 $\pm$ 30.6	(55.6 - -5.6)
1 - 2	1	0	0	0	25.0 $\pm$ 30.6	(55.6 - -5.6)
2 - 3	1	1	0	0	0.0 $\pm$ 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 $\pm$ 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 $\pm$ 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	9	7	2	0		

16-7 Histological operative curability

Rectum, male, 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	898	31	18	0	96.5 ± 1.2	(97.7 - 95.3)
1 - 2	849	40	51	0	91.8 ± 1.9	(93.7 - 90.0)
2 - 3	758	34	31	0	87.6 ± 2.3	(89.9 - 85.4)
3 - 4	693	33	30	0	83.4 ± 2.6	(86.0 - 80.8)
4 - 5	630	34	56	0	78.6 ± 2.9	(81.6 - 75.7)
5 -	540			540		
TOTAL	898	172	186	540		

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	100	5	0	0	95.0 ± 4.4	(99.4 - 90.6)
1 - 2	95	9	2	0	85.9 ± 7.0	(92.9 - 78.9)
2 - 3	84	10	8	0	75.2 ± 8.8	(84.0 - 66.4)
3 - 4	66	6	2	0	68.2 ± 9.7	(77.9 - 58.6)
4 - 5	58	1	8	0	67.0 ± 9.8	(76.8 - 57.2)
5 -	49			49		
TOTAL	100	31	20	49		

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	55	7	2	0	87.0 ± 9.1	(96.2 - 77.9)
1 - 2	46	16	4	0	55.4 ± 13.9	(69.3 - 41.5)
2 - 3	26	12	1	0	29.3 ± 13.2	(42.5 - 16.1)
3 - 4	13	3	0	0	22.6 ± 12.2	(34.8 - 10.3)
4 - 5	10	1	0	0	20.3 ± 11.8	(32.1 - 8.5)
5 -	9			9		
TOTAL	55	39	7	9		

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	153	53	2	0	65.1 ± 7.7	(72.9 - 57.4)
1 - 2	98	41	4	0	37.3 ± 7.9	(45.2 - 29.4)
2 - 3	53	24	5	0	19.6 ± 6.7	(26.3 - 12.9)
3 - 4	24	3	3	0	17.0 ± 6.4	(23.4 - 10.5)
4 - 5	18	3	4	0	13.8 ± 6.2	(20.0 - 7.6)
5 -	11			11		
TOTAL	153	124	18	11		

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	18	8	1	0	54.3 ± 23.8	(78.1 - 30.5)
1 - 2	9	1	1	0	47.9 ± 24.2	(72.1 - 23.7)
2 - 3	7	0	0	0	47.9 ± 24.2	(72.1 - 23.7)
3 - 4	7	0	0	0	47.9 ± 24.2	(72.1 - 23.7)
4 - 5	7	0	0	0	47.9 ± 24.2	(72.1 - 23.7)
5 -	7			7		
TOTAL	18	9	2	7		

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	528	8	16	0	98.5 ± 1.1	(99.5 - 97.4)
1 - 2	504	22	25	0	94.1 ± 2.1	(96.2 - 91.9)
2 - 3	457	15	18	0	90.9 ± 2.6	(93.5 - 88.3)
3 - 4	424	19	19	0	86.7 ± 3.1	(89.8 - 83.6)
4 - 5	386	13	46	0	83.6 ± 3.4	(87.1 - 80.2)
5 -	327			327		
TOTAL	528	77	124	327		

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	61	5	0	0	91.8 ± 7.0	(98.8 - 84.8)
1 - 2	56	4	6	0	84.9 ± 9.3	(94.2 - 75.6)
2 - 3	46	6	5	0	73.2 ± 12.0	(85.1 - 61.2)
3 - 4	35	3	4	0	66.5 ± 13.1	(79.6 - 53.4)
4 - 5	28	2	2	0	61.6 ± 13.9	(75.5 - 47.7)
5 -	24			24		
TOTAL	61	20	17	24		

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	23	4	0	0	82.6 ± 15.8	(98.4 - 66.8)
1 - 2	19	5	3	0	59.0 ± 21.1	(80.1 - 37.9)
2 - 3	11	6	1	0	25.3 ± 20.2	(45.5 - 5.1)
3 - 4	4	1	0	0	19.0 ± 18.7	(37.6 - 0.3)
4 - 5	3	0	0	0	19.0 ± 18.7	(37.6 - 0.3)
5 -	3			3		
TOTAL	23	16	4	3		

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	86	32	3	0	62.1 ± 10.6	(72.7 - 51.6)
1 - 2	51	20	4	0	36.8 ± 10.7	(47.5 - 26.0)
2 - 3	27	8	2	0	25.5 ± 10.0	(35.4 - 15.5)
3 - 4	17	2	1	0	22.4 ± 9.7	(32.0 - 12.7)
4 - 5	14	1	0	0	20.8 ± 9.5	(30.3 - 11.3)
5 -	13			13		
TOTAL	86	63	10	13		

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	11	6	0	0	45.5 ± 30.0	(75.5 - 15.4)
1 - 2	5	4	0	0	9.1 ± 17.3	(26.4 - -8.2)
2 - 3	1	0	0	0	9.1 ± 17.3	(26.4 - -8.2)
3 - 4	1	0	0	0	9.1 ± 17.3	(26.4 - -8.2)
4 - 5	1	0	0	0	9.1 ± 17.3	(26.4 - -8.2)
5 -	1			1		
TOTAL	11	10	0	1		

17-1 Hepatic metastasis

Colon, 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	2,512	138	95	0	94.4 ± 0.9	(95.3 - 93.5)
	1 - 2	2,279	133	149	0	88.7 ± 1.3	(90.0 - 87.4)
	2 - 3	1,997	100	100	0	84.1 ± 1.5	(85.7 - 82.6)
	3 - 4	1,797	61	114	0	81.2 ± 1.6	(82.8 - 79.6)
	4 - 5	1,622	41	142	0	79.1 ± 1.7	(80.8 - 77.3)
	5 -	1,439			1,439		
	TOTAL	2,512	473	600	1,439		
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	94	29	2	0	68.8 ± 9.6	(78.4 - 59.2)
	1 - 2	63	17	7	0	49.2 ± 10.6	(59.7 - 38.6)
	2 - 3	39	10	2	0	36.2 ± 10.5	(46.7 - 25.7)
	3 - 4	27	5	2	0	29.3 ± 10.2	(39.4 - 19.1)
	4 - 5	20	3	1	0	24.8 ± 9.8	(34.6 - 14.9)
	5 -	16			16		
	TOTAL	94	64	14	16		
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	54	18	0	0	66.7 ± 12.8	(79.5 - 53.8)
	1 - 2	36	16	3	0	35.7 ± 13.2	(49.0 - 22.5)
	2 - 3	17	2	3	0	31.1 ± 13.0	(44.2 - 18.1)
	3 - 4	12	4	2	0	19.8 ± 12.3	(32.1 - 7.5)
	4 - 5	6	0	1	0	19.8 ± 12.3	(32.1 - 7.5)
	5 -	5			5		
	TOTAL	54	40	9	5		
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	130	87	5	0	31.8 ± 8.2	(40.0 - 23.5)
	1 - 2	38	26	1	0	9.7 ± 5.4	(15.2 - 4.3)
	2 - 3	11	7	1	0	3.2 ± 3.4	(6.6 - -0.1)
	3 - 4	3	2	0	0	1.1 ± 2.1	(3.2 - -1.0)
	4 - 5	1	0	0	0	1.1 ± 2.1	(3.2 - -1.0)
	5 -	1			1		
	TOTAL	130	122	7	1		

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	1,758	86	40	0	95.1 ± 1.0	(96.1 - 94.0)
	1 - 2	1,632	118	92	0	88.0 ± 1.6	(89.6 - 86.4)
	2 - 3	1,422	90	66	0	82.3 ± 1.9	(84.2 - 80.4)
	3 - 4	1,266	65	60	0	78.0 ± 2.1	(80.0 - 75.9)
	4 - 5	1,141	55	117	0	74.0 ± 2.2	(76.2 - 71.8)
	5 -	969			969		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,758	414	375	969		
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	66	20	0	0	69.7 ± 11.3	(81.0 - 58.4)
	1 - 2	46	22	3	0	35.2 ± 11.9	(47.2 - 23.3)
	2 - 3	21	12	2	0	14.1 ± 9.1	(23.2 - 5.0)
	3 - 4	7	2	0	0	10.1 ± 8.1	(18.1 - 2.0)
	4 - 5	5	0	0	0	10.1 ± 8.1	(18.1 - 2.0)
	5 -	5			5		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	66	56	5	5		
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	39	10	1	0	74.0 ± 14.1	(88.2 - 59.9)
	1 - 2	28	10	3	0	46.1 ± 16.5	(62.6 - 29.6)
	2 - 3	15	10	1	0	14.3 ± 12.3	(26.6 - 2.0)
	3 - 4	4	1	0	0	10.7 ± 11.1	(21.8 - -0.4)
	4 - 5	3	1	1	0	6.4 ± 9.4	(15.9 - -3.0)
	5 -	1			1		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	39	32	6	1		
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	60	41	0	0	31.7 ± 12.0	(43.7 - 19.7)
	1 - 2	19	11	2	0	12.3 ± 8.6	(21.0 - 3.7)
	2 - 3	6	5	1	0	1.1 ± 3.1	(4.2 - -2.0)
	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	60	57	3	0		

18-1 Peritoneal disseminating metastasis

Colon, 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	2,628	187	96	0	92.8 ± 1.0	(93.8 - 91.7)
	1 - 2	2,345	157	157	0	86.3 ± 1.4	(87.7 - 85.0)
	2 - 3	2,031	109	103	0	81.6 ± 1.6	(83.1 - 80.0)
	3 - 4	1,819	68	118	0	78.4 ± 1.7	(80.1 - 76.7)
	4 - 5	1,633	44	143	0	76.2 ± 1.8	(78.0 - 74.4)
	5 -	1,446			1,446		
	TOTAL	2,628	565	617	1,446		
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	55	23	0	0	58.2 ± 13.3	(71.5 - 44.9)
	1 - 2	32	14	2	0	31.9 ± 12.7	(44.6 - 19.2)
	2 - 3	16	4	2	0	23.4 ± 11.8	(35.2 - 11.6)
	3 - 4	10	1	0	0	21.1 ± 11.5	(32.6 - 9.5)
	4 - 5	9	0	1	0	21.1 ± 11.5	(32.6 - 9.5)
	5 -	8			8		
	TOTAL	55	42	5	8		
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	47	19	1	0	59.1 ± 14.4	(73.6 - 44.7)
	1 - 2	27	16	0	0	24.1 ± 12.6	(36.7 - 11.5)
	2 - 3	11	4	1	0	14.9 ± 10.6	(25.6 - 4.3)
	3 - 4	6	2	0	0	9.9 ± 9.1	(19.1 - 0.8)
	4 - 5	4	0	0	0	9.9 ± 9.1	(19.1 - 0.8)
	5 -	4			4		
	TOTAL	47	41	2	4		
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	62	44	5	0	26.1 ± 11.4	(37.4 - 14.7)
	1 - 2	13	5	1	0	15.6 ± 9.9	(25.6 - 5.7)
	2 - 3	7	3	1	0	8.4 ± 8.1	(16.5 - 0.3)
	3 - 4	3	1	0	0	5.6 ± 7.1	(12.7 - -1.5)
	4 - 5	2	0	0	0	5.6 ± 7.1	(12.7 - -1.5)
	5 -	2			2		
	TOTAL	62	53	7	2		

18-2 Peritoneal disseminating metastasis

Rectum, 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	1,852	129	38	0	93.0 ± 1.2	(94.2 - 91.8)
	1 - 2	1,685	144	99	0	84.8 ± 1.7	(86.5 - 83.1)
	2 - 3	1,442	110	67	0	78.2 ± 2.0	(80.1 - 76.2)
	3 - 4	1,265	68	57	0	73.9 ± 2.1	(76.0 - 71.7)
	4 - 5	1,140	53	118	0	70.2 ± 2.2	(72.5 - 68.0)
	5 -	969			969		
	TOTAL	1,852	504	379	969		
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	34	11	1	0	67.2 ± 16.2	(83.4 - 50.9)
	1 - 2	22	13	1	0	26.6 ± 15.5	(42.1 - 11.0)
	2 - 3	8	2	1	0	19.5 ± 14.3	(33.7 - 5.2)
	3 - 4	5	0	1	0	19.5 ± 14.3	(33.7 - 5.2)
	4 - 5	4	2	0	0	9.7 ± 12.1	(21.8 - -2.3)
	5 -	2			2		
	TOTAL	34	28	4	2		
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	12	6	0	0	50.0 ± 28.9	(78.9 - 21.1)
	1 - 2	6	2	0	0	33.3 ± 27.2	(60.5 - 6.1)
	2 - 3	4	3	1	0	4.8 ± 13.1	(17.8 - -8.3)
	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	12	11	1	0		
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	12	7	1	0	39.1 ± 28.8	(67.9 - 10.3)
	1 - 2	4	1	0	0	29.3 ± 27.4	(56.8 - 1.9)
	2 - 3	3	1	0	0	19.6 ± 24.3	(43.9 - -4.7)
	3 - 4	2	0	1	0	19.6 ± 24.3	(43.9 - -4.7)
	4 - 5	1	0	0	0	19.6 ± 24.3	(43.9 - -4.7)
	5 -	1			1		
	TOTAL	12	9	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	2,714	238	99	0	91.1 ± 1.1	(92.2 - 90.0)
1 - 2	2,377	171	158	0	84.3 ± 1.4	(85.7 - 82.9)
2 - 3	2,048	115	105	0	79.4 ± 1.6	(81.0 - 77.8)
3 - 4	1,828	69	118	0	76.3 ± 1.7	(78.0 - 74.6)
4 - 5	1,641	43	142	0	74.2 ± 1.8	(76.0 - 72.5)
5 -	1,456			1,456		
TOTAL	2,714	636	622	1,456		

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	54	24	1	0	55.1 ± 13.6	(68.7 - 41.5)
1 - 2	29	17	1	0	22.2 ± 11.5	(33.8 - 10.7)
2 - 3	11	4	1	0	13.8 ± 9.8	(23.5 - 4.0)
3 - 4	6	3	0	0	6.9 ± 7.4	(14.3 - -0.6)
4 - 5	3	1	0	0	4.6 ± 6.2	(10.8 - -1.6)
5 -	2			2		
TOTAL	54	49	3	2		

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	1,881	137	42	0	92.6 ± 1.2	(93.8 - 91.4)
	1 - 2	1,702	147	98	0	84.4 ± 1.7	(86.1 - 82.7)
	2 - 3	1,457	113	70	0	77.7 ± 2.0	(79.7 - 75.7)
	3 - 4	1,274	70	59	0	73.3 ± 2.1	(75.4 - 71.2)
	4 - 5	1,145	56	117	0	69.5 ± 2.2	(71.8 - 67.3)
	5 -	972			972		
	TOTAL	1,881	523	386	972		

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	41	19	0	0	53.7 ± 15.6	(69.2 - 38.1)
	1 - 2	22	14	2	0	17.9 ± 12.2	(30.1 - 5.7)
	2 - 3	6	3	0	0	8.9 ± 9.5	(18.5 - -0.6)
	3 - 4	3	0	1	0	8.9 ± 9.5	(18.5 - -0.6)
	4 - 5	2	0	0	0	8.9 ± 9.5	(18.5 - -0.6)
	5 -	2			2		
	TOTAL	41	36	3	2		

20-1 Macroscopic lymph node metastasis

Colon, adenocarcinoma

N0	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	1,262	34	56	0	97.2 ± 0.9	(98.2 - 96.3)		
	1 - 2	1,172	40	77	0	93.8 ± 1.4	(95.2 - 92.4)		
	2 - 3	1,055	28	53	0	91.3 ± 1.7	(92.9 - 89.6)		
	3 - 4	974	30	68	0	88.3 ± 1.9	(90.3 - 86.4)		
	4 - 5	876	22	74	0	86.0 ± 2.1	(88.1 - 83.9)		
	5 -	780			780				
	TOTAL	1,262	154	328	780				
N1	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	826	67	24	0	91.8 ± 1.9	(93.7 - 89.8)		
	1 - 2	735	65	37	0	83.4 ± 2.6	(86.1 - 80.8)		
	2 - 3	633	49	41	0	76.8 ± 3.0	(79.8 - 73.7)		
	3 - 4	543	23	33	0	73.4 ± 3.2	(76.6 - 70.2)		
	4 - 5	487	11	42	0	71.7 ± 3.3	(75.0 - 68.4)		
	5 -	434			434				
	TOTAL	826	215	177	434				
N2	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	432	64	17	0	84.9 ± 3.5	(88.4 - 81.4)		
	1 - 2	351	41	32	0	74.5 ± 4.3	(78.8 - 70.2)		
	2 - 3	278	22	8	0	68.5 ± 4.7	(73.2 - 63.9)		
	3 - 4	248	17	12	0	63.7 ± 4.9	(68.6 - 58.8)		
	4 - 5	219	9	18	0	61.0 ± 5.0	(66.0 - 56.0)		
	5 -	192			192				
	TOTAL	432	153	87	192				
N3	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	134	40	3	0	69.8 ± 8.0	(77.8 - 61.8)		
	1 - 2	91	17	4	0	56.5 ± 8.7	(65.2 - 47.8)		
	2 - 3	70	14	4	0	44.8 ± 8.8	(53.7 - 36.0)		
	3 - 4	52	1	4	0	44.0 ± 8.9	(52.8 - 35.1)		
	4 - 5	47	0	8	0	44.0 ± 8.9	(52.8 - 35.1)		
	5 -	39			39				
	TOTAL	134	72	23	39				
N4	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	94	45	1	0	51.9 ± 10.3	(62.2 - 41.5)		
	1 - 2	48	19	7	0	29.7 ± 9.7	(39.4 - 20.0)		
	2 - 3	22	5	2	0	22.6 ± 9.2	(31.9 - 13.4)		
	3 - 4	15	1	1	0	21.1 ± 9.1	(30.2 - 12.0)		
	4 - 5	13	1	1	0	19.4 ± 9.0	(28.4 - 10.4)		
	5 -	11			11				
	TOTAL	94	71	12	11				

20-2 Macroscopic lymph node metastasis

Rectum, adenocarcinoma

N0	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	938	28	21	0	97.0 ± 1.1	(98.1 - 95.9)
	1 - 2	889	22	44	0	94.5 ± 1.5	(96.0 - 93.0)
	2 - 3	823	32	34	0	90.8 ± 1.9	(92.7 - 88.8)
	3 - 4	757	26	35	0	87.6 ± 2.2	(89.8 - 85.3)
	4 - 5	696	21	81	0	84.8 ± 2.5	(87.3 - 82.3)
	5 -	594			594		
	TOTAL	938	129	215	594		
N1	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	587	47	12	0	91.9 ± 2.3	(94.2 - 89.6)
	1 - 2	528	73	36	0	78.8 ± 3.4	(82.2 - 75.3)
	2 - 3	419	43	23	0	70.4 ± 3.9	(74.4 - 66.5)
	3 - 4	353	25	15	0	65.3 ± 4.1	(69.5 - 61.2)
	4 - 5	313	26	25	0	59.7 ± 4.3	(64.0 - 55.4)
	5 -	262			262		
	TOTAL	587	214	111	262		
N2	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	236	30	3	0	87.2 ± 4.4	(91.6 - 82.8)
	1 - 2	203	34	14	0	72.1 ± 5.9	(78.0 - 66.1)
	2 - 3	155	21	8	0	62.1 ± 6.5	(68.6 - 55.5)
	3 - 4	126	12	6	0	56.0 ± 6.8	(62.8 - 49.2)
	4 - 5	108	7	11	0	52.2 ± 6.9	(59.1 - 45.3)
	5 -	90			90		
	TOTAL	236	104	42	90		
N3	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	66	18	1	0	72.5 ± 11.0	(83.6 - 61.5)
	1 - 2	47	12	2	0	53.6 ± 12.4	(66.0 - 41.2)
	2 - 3	33	7	3	0	41.7 ± 12.5	(54.2 - 29.2)
	3 - 4	23	6	2	0	30.3 ± 12.1	(42.4 - 18.3)
	4 - 5	15	0	1	0	30.3 ± 12.1	(42.4 - 18.3)
	5 -	14			14		
	TOTAL	66	43	9	14		
N4	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	52	24	1	0	53.4 ± 13.9	(67.3 - 39.5)
	1 - 2	27	9	4	0	34.2 ± 13.6	(47.7 - 20.6)
	2 - 3	14	8	0	0	14.6 ± 10.8	(25.4 - 3.9)
	3 - 4	6	0	0	0	14.6 ± 10.8	(25.4 - 3.9)
	4 - 5	6	1	0	0	12.2 ± 10.0	(22.2 - 2.2)
	5 -	5			5		
	TOTAL	52	42	5	5		

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	1,660	56	66	0	96.6 ± 0.9	(97.5 - 95.7)
	1 - 2	1,538	54	99	0	93.1 ± 1.3	(94.3 - 91.8)
	2 - 3	1,385	49	72	0	89.7 ± 1.6	(91.2 - 88.1)
	3 - 4	1,264	38	82	0	86.9 ± 1.7	(88.6 - 85.1)
	4 - 5	1,144	25	102	0	84.9 ± 1.9	(86.8 - 83.0)
	5 -	1,017			1,017		
	TOTAL	1,660	222	421	1,017		
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	605	76	19	0	87.2 ± 2.7	(90.0 - 84.5)
	1 - 2	510	57	35	0	77.1 ± 3.5	(80.6 - 73.7)
	2 - 3	418	34	24	0	70.7 ± 3.8	(74.5 - 66.8)
	3 - 4	360	23	23	0	66.0 ± 4.0	(70.1 - 62.0)
	4 - 5	314	6	24	0	64.7 ± 4.1	(68.8 - 60.6)
	5 -	284			284		
	TOTAL	605	196	125	284		
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	306	47	8	0	84.4 ± 4.2	(88.6 - 80.3)
	1 - 2	251	46	19	0	68.4 ± 5.4	(73.8 - 62.9)
	2 - 3	186	17	7	0	62.0 ± 5.7	(67.7 - 56.2)
	3 - 4	162	9	9	0	58.4 ± 5.9	(64.3 - 52.6)
	4 - 5	144	10	11	0	54.2 ± 6.0	(60.3 - 48.2)
	5 -	123			123		
	TOTAL	306	129	54	123		
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	91	27	2	0	70.0 ± 9.7	(79.7 - 60.3)
	1 - 2	62	15	2	0	52.8 ± 10.6	(63.4 - 42.2)
	2 - 3	45	10	5	0	40.4 ± 10.6	(51.0 - 29.7)
	3 - 4	30	1	3	0	39.0 ± 10.6	(49.6 - 28.3)
	4 - 5	26	1	1	0	37.4 ± 10.6	(48.1 - 26.8)
	5 -	24			24		
	TOTAL	91	54	13	24		
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	52	26	0	0	50.0 ± 13.9	(63.9 - 36.1)
	1 - 2	26	11	2	0	28.0 ± 12.6	(40.6 - 15.4)
	2 - 3	13	6	0	0	15.1 ± 10.3	(25.4 - 4.8)
	3 - 4	7	1	1	0	12.8 ± 9.7	(22.5 - 3.1)
	4 - 5	5	1	2	0	9.6 ± 9.1	(18.7 - 0.4)
	5 -	2			2		
	TOTAL	52	45	5	2		

20-4 Histological lymph node metastasis

Rectum, adenocarcinoma

n0	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	1,028	29	27	0	97.1 ± 1.0	(98.2 - 96.1)
	1 - 2	972	42	47	0	92.8 ± 1.6	(94.5 - 91.2)
	2 - 3	883	37	36	0	88.9 ± 2.0	(90.9 - 86.8)
	3 - 4	810	25	32	0	86.1 ± 2.2	(88.3 - 83.8)
	4 - 5	753	19	80	0	83.8 ± 2.4	(86.2 - 81.4)
	5 -	654			654		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,028	152	222	654		
n1	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	474	40	4	0	91.5 ± 2.6	(94.1 - 89.0)
	1 - 2	430	48	33	0	80.9 ± 3.7	(84.6 - 77.2)
	2 - 3	349	34	16	0	72.8 ± 4.2	(77.1 - 68.6)
	3 - 4	299	26	15	0	66.3 ± 4.6	(70.9 - 61.8)
	4 - 5	258	23	27	0	60.1 ± 4.8	(64.9 - 55.3)
	5 -	208			208		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	474	171	95	208		
n2	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	220	30	3	0	86.3 ± 4.7	(90.9 - 81.6)
	1 - 2	187	31	12	0	71.5 ± 6.2	(77.7 - 65.3)
	2 - 3	144	26	8	0	58.2 ± 6.9	(65.1 - 51.3)
	3 - 4	110	11	6	0	52.2 ± 7.1	(59.3 - 45.2)
	4 - 5	93	11	9	0	45.7 ± 7.2	(52.9 - 38.6)
	5 -	73			73		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	220	109	38	73		
n3	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	50	16	0	0	68.0 ± 13.2	(81.2 - 54.8)
	1 - 2	34	10	1	0	47.7 ± 14.2	(61.9 - 33.5)
	2 - 3	23	6	5	0	33.7 ± 13.9	(47.6 - 19.9)
	3 - 4	12	2	1	0	27.9 ± 13.7	(41.6 - 14.1)
	4 - 5	9	0	1	0	27.9 ± 13.7	(41.6 - 14.1)
	5 -	8			8		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	50	34	8	8		
n4	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	15	1	0	61.0 ± 15.7	(76.8 - 45.3)
	1 - 2	23	10	2	0	33.3 ± 15.5	(48.8 - 17.8)
	2 - 3	11	7	0	0	12.1 ± 11.2	(23.3 - 0.9)
	3 - 4	4	3	0	0	3.0 ± 5.9	(9.0 - -2.9)
	4 - 5	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	39	36	3	0		

21-1 Histological depth of invation

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	206	2	10	0	99.0 ± 1.4	(100.4 - 97.6)
1 - 2	194	3	15	0	97.4 ± 2.3	(99.7 - 95.1)
2 - 3	176	1	11	0	96.8 ± 2.5	(99.4 - 94.3)
3 - 4	164	4	11	0	94.4 ± 3.5	(97.9 - 90.9)
4 - 5	149	1	13	0	93.7 ± 3.7	(97.4 - 90.1)
5 -	135			135		
-----	-----	-----	-----	-----	-----	-----
TOTAL	206	11	60	135		

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	394	2	13	0	99.5 ± 0.7	(100.2 - 98.8)
1 - 2	379	4	30	0	98.4 ± 1.3	(99.7 - 97.1)
2 - 3	345	2	18	0	97.8 ± 1.5	(99.3 - 96.3)
3 - 4	325	5	19	0	96.3 ± 2.0	(98.3 - 94.2)
4 - 5	301	6	29	0	94.2 ± 2.6	(96.8 - 91.7)
5 -	266			266		
-----	-----	-----	-----	-----	-----	-----
TOTAL	394	19	109	266		

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	289	9	15	0	96.8 ± 2.1	(98.9 - 94.7)
1 - 2	265	7	13	0	94.2 ± 2.8	(97.0 - 91.4)
2 - 3	245	8	7	0	91.1 ± 3.5	(94.5 - 87.6)
3 - 4	230	3	11	0	89.8 ± 3.7	(93.6 - 86.1)
4 - 5	216	2	24	0	89.0 ± 3.9	(92.8 - 85.1)
5 -	190			190		
-----	-----	-----	-----	-----	-----	-----
TOTAL	289	29	70	190		

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	1,135	89	43	0	92.0 ± 1.6	(93.6 - 90.4)
1 - 2	1,003	84	57	0	84.1 ± 2.2	(86.3 - 81.9)
2 - 3	862	59	49	0	78.2 ± 2.5	(80.7 - 75.6)
3 - 4	754	37	56	0	74.2 ± 2.7	(76.9 - 71.4)
4 - 5	661	22	57	0	71.6 ± 2.9	(74.4 - 68.7)
5 -	582			582		
-----	-----	-----	-----	-----	-----	-----
TOTAL	1,135	291	262	582		

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	583	116	16	0	79.8 ± 3.3	(83.2 - 76.5)
1 - 2	451	73	36	0	66.4 ± 4.0	(70.4 - 62.4)
2 - 3	342	38	17	0	58.8 ± 4.2	(63.0 - 54.6)
3 - 4	287	19	15	0	54.8 ± 4.3	(59.1 - 50.5)
4 - 5	253	7	15	0	53.2 ± 4.4	(57.6 - 48.9)
5 -	231			231		
-----	-----	-----	-----	-----	-----	-----
TOTAL	583	253	99	231		

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	168	43	4	0	74.1 ± 6.8	(80.9 - 67.3)
1 - 2	121	21	9	0	60.7 ± 7.7	(68.4 - 53.1)
2 - 3	91	12	5	0	52.5 ± 8.0	(60.5 - 44.5)
3 - 4	74	3	5	0	50.3 ± 8.0	(58.3 - 42.3)
4 - 5	66	6	6	0	45.5 ± 8.2	(53.7 - 37.3)
5 -	54			54		
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TOTAL	168	85	29	54		

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	118	0	5	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	113	1	3	0	99.1 ± 1.8	(100.9 - 97.3)
	2 - 3	109	1	7	0	98.2 ± 2.6	(100.7 - 95.6)
	3 - 4	101	0	8	0	98.2 ± 2.6	(100.7 - 95.6)
	4 - 5	93	2	8	0	96.0 ± 4.0	(99.9 - 92.0)
	5 -	83			83		
	TOTAL	118	4	31	83		
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	239	7	5	0	97.0 ± 2.2	(99.2 - 94.8)
	1 - 2	227	4	10	0	95.3 ± 2.8	(98.1 - 92.5)
	2 - 3	213	2	7	0	94.4 ± 3.0	(97.4 - 91.4)
	3 - 4	204	6	6	0	91.6 ± 3.7	(95.3 - 87.9)
	4 - 5	192	4	23	0	89.5 ± 4.1	(93.7 - 85.4)
	5 -	165			165		
	TOTAL	239	23	51	165		
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	337	6	5	0	98.2 ± 1.5	(99.7 - 96.8)
	1 - 2	326	8	19	0	95.7 ± 2.2	(98.0 - 93.5)
	2 - 3	299	8	13	0	93.1 ± 2.8	(95.9 - 90.3)
	3 - 4	278	7	11	0	90.7 ± 3.3	(94.0 - 87.4)
	4 - 5	260	6	23	0	88.5 ± 3.7	(92.2 - 84.9)
	5 -	231			231		
	TOTAL	337	35	71	231		
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	638	46	12	0	92.7 ± 2.1	(94.8 - 90.7)
	1 - 2	580	54	38	0	83.8 ± 3.0	(86.8 - 80.8)
	2 - 3	488	36	29	0	77.4 ± 3.4	(80.8 - 74.0)
	3 - 4	423	25	18	0	72.8 ± 3.7	(76.4 - 69.1)
	4 - 5	380	25	45	0	67.7 ± 4.0	(71.6 - 63.7)
	5 -	310			310		
	TOTAL	638	186	142	310		
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	480	60	10	0	87.4 ± 3.0	(90.4 - 84.3)
	1 - 2	410	71	25	0	71.8 ± 4.2	(76.0 - 67.6)
	2 - 3	314	57	14	0	58.4 ± 4.7	(63.1 - 53.8)
	3 - 4	243	29	13	0	51.3 ± 4.8	(56.1 - 46.5)
	4 - 5	201	16	18	0	47.0 ± 4.8	(51.8 - 42.2)
	5 -	167			167		
	TOTAL	480	233	80	167		
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	109	28	4	0	73.8 ± 8.5	(82.3 - 65.3)
	1 - 2	77	19	4	0	55.1 ± 9.8	(64.9 - 45.4)
	2 - 3	54	13	1	0	41.7 ± 9.8	(51.5 - 31.9)
	3 - 4	40	3	3	0	38.5 ± 9.7	(48.2 - 28.7)
	4 - 5	34	2	0	0	36.2 ± 9.7	(45.9 - 26.5)
	5 -	32			32		
	TOTAL	109	65	12	32		

22-1 Modality of principal treatment

Colon, 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	149	4	16	0	97.2 ± 2.8	(100.0 - 94.4)
	1 - 2	129	2	17	0	95.6 ± 3.6	(99.1 - 92.0)
	2 - 3	110	3	3	0	92.9 ± 4.6	(97.5 - 88.3)
	3 - 4	104	1	11	0	92.0 ± 4.9	(96.9 - 87.1)
	4 - 5	92	2	23	0	89.7 ± 5.8	(95.4 - 83.9)
	5 -	67			67		
	TOTAL	149	12	70	67		
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	2,797	272	104	0	90.1 ± 1.1	(91.2 - 89.0)
	1 - 2	2,421	193	160	0	82.7 ± 1.5	(84.1 - 81.2)
	2 - 3	2,068	120	108	0	77.7 ± 1.6	(79.4 - 76.1)
	3 - 4	1,840	72	118	0	74.6 ± 1.7	(76.3 - 72.9)
	4 - 5	1,650	44	144	0	72.5 ± 1.8	(74.3 - 70.7)
	5 -	1,462			1,462		
	TOTAL	2,797	701	634	1,462		
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	6	5	0	0	16.7 ± 30.4	(47.1 --13.8)
	1 - 2	1	0	0	0	16.7 ± 30.4	(47.1 --13.8)
	2 - 3	1	0	0	0	16.7 ± 30.4	(47.1 --13.8)
	3 - 4	1	0	0	0	16.7 ± 30.4	(47.1 --13.8)
	4 - 5	1	0	0	0	16.7 ± 30.4	(47.1 --13.8)
	5 -	1			1		
	TOTAL	6	5	0	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	5	4	1	0	11.1 ± 29.6	(40.7 --18.5)
	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	5	4	1	0		

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	74	0	9	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	65	0	5	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	60	1	2	0	98.3 ± 3.4	(101.7 - 94.9)
3 - 4	57	0	2	0	98.3 ± 3.4	(101.7 - 94.9)
4 - 5	55	1	11	0	96.3 ± 5.1	(101.4 - 91.2)
5 -	43			43		
TOTAL	74	2	29	43		

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	1,940	156	42	0	91.9 ± 1.2	(93.1 - 90.6)
1 - 2	1,742	162	101	0	83.1 ± 1.7	(84.8 - 81.3)
2 - 3	1,479	117	71	0	76.3 ± 2.0	(78.3 - 74.3)
3 - 4	1,291	69	60	0	72.2 ± 2.1	(74.3 - 70.0)
4 - 5	1,162	57	118	0	68.4 ± 2.2	(70.7 - 66.2)
5 -	987			987		
TOTAL	1,940	561	392	987		

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	5	3	0	0	40.0 ± 43.8	(83.8 - -3.8)
1 - 2	2	1	0	0	20.0 ± 35.8	(55.8 --15.8)
2 - 3	1	0	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	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	5	5	0	0		

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	5	2	0	0	60.0 ± 43.8	(103.8 - 16.2)
1 - 2	3	1	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		

23 H0, P0, M(→), N0, or n0

Colon. N0	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	1,222	25	56	0	97.9 ± 0.8	(98.7 - 97.1)
	1 - 2	1,141	28	76	0	95.4 ± 1.2	(96.7 - 94.2)
	2 - 3	1,037	25	52	0	93.1 ± 1.5	(94.6 - 91.5)
	3 - 4	960	27	67	0	90.3 ± 1.8	(92.1 - 88.6)
	4 - 5	866	19	73	0	88.3 ± 2.0	(90.3 - 86.3)
	5 -	774			774		
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TOTAL		1,222	124	324	774		

Rectum. N0	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	910	21	19	0	97.7 ± 1.0	(98.7 - 96.7)
	1 - 2	870	18	41	0	95.6 ± 1.4	(97.0 - 94.2)
	2 - 3	811	27	34	0	92.3 ± 1.8	(94.2 - 90.5)
	3 - 4	750	23	37	0	89.4 ± 2.1	(91.6 - 87.3)
	4 - 5	690	21	81	0	86.6 ± 2.4	(89.0 - 84.2)
	5 -	588			588		
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TOTAL		910	110	212	588		

Colon. n0	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	828	16	35	0	98.0 ± 1.0	(99.0 - 97.0)
	1 - 2	777	13	51	0	96.3 ± 1.3	(97.7 - 95.0)
	2 - 3	713	22	52	0	93.2 ± 1.8	(95.1 - 91.4)
	3 - 4	639	19	62	0	90.3 ± 2.2	(92.5 - 88.1)
	4 - 5	558	9	58	0	88.8 ± 2.4	(91.2 - 86.4)
	5 -	491			491		
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TOTAL		828	79	258	491		

Rectum, n0	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	550	11	16	0	98.0 ± 1.2	(99.2 - 96.8)
	1 - 2	523	16	22	0	94.9 ± 1.9	(96.8 - 93.0)
	2 - 3	485	15	25	0	91.9 ± 2.4	(94.3 - 89.5)
	3 - 4	445	13	25	0	89.1 ± 2.8	(91.9 - 86.4)
	4 - 5	407	11	50	0	86.6 ± 3.1	(89.7 - 83.5)
	5 -	346			346		
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TOTAL		550	66	138	346		

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 FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R±2SE	GREENWOOD'S 5% STD ERROR
0 - 1	164	1	6	0	99.4 ± 1.2	(100.6 - 98.1)
1 - 2	157	2	14	0	98.1 ± 2.2	(100.3 - 95.8)
2 - 3	141	1	7	0	97.3 ± 2.6	(100.0 - 94.7)
3 - 4	133	3	10	0	95.1 ± 3.7	(98.7 - 91.4)
4 - 5	120	1	11	0	94.2 ± 4.0	(98.2 - 90.2)
5 -	108			108		
TOTAL	164	8	48	108		

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	362	1	12	0	99.7 ± 0.6	(100.3 - 99.2)
1 - 2	349	3	24	0	98.8 ± 1.2	(100.0 - 97.7)
2 - 3	322	2	20	0	98.2 ± 1.5	(99.7 - 96.7)
3 - 4	300	5	18	0	96.5 ± 2.1	(98.6 - 94.4)
4 - 5	277	7	23	0	94.0 ± 2.8	(96.7 - 91.2)
5 -	247			247		
TOTAL	362	18	97	247		

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	190	4	8	0	97.8 ± 2.1	(100.0 - 95.7)
1 - 2	178	1	10	0	97.3 ± 2.4	(99.7 - 94.9)
2 - 3	167	1	7	0	96.7 ± 2.7	(99.4 - 94.0)
3 - 4	159	2	12	0	95.4 ± 3.2	(98.6 - 92.3)
4 - 5	145	2	15	0	94.0 ± 3.7	(97.7 - 90.4)
5 -	128			128		
TOTAL	190	10	52	128		

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	261	7	17	0	97.2 ± 2.1	(99.3 - 95.2)
1 - 2	237	6	11	0	94.7 ± 2.9	(97.6 - 91.8)
2 - 3	220	11	9	0	89.9 ± 3.9	(93.8 - 85.9)
3 - 4	200	10	14	0	85.2 ± 4.7	(89.9 - 80.5)
4 - 5	176	7	14	0	81.7 ± 5.2	(86.9 - 76.5)
5 -	155			155		
TOTAL	261	41	65	155		

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	183	9	8	0	95.0 ± 3.3	(98.2 - 91.7)
1 - 2	166	10	13	0	89.0 ± 4.8	(93.8 - 84.3)
2 - 3	143	8	6	0	83.9 ± 5.7	(89.6 - 78.2)
3 - 4	129	6	7	0	79.9 ± 6.3	(86.2 - 73.6)
4 - 5	116	2	9	0	78.5 ± 6.5	(85.0 - 72.0)
5 -	105			105		
TOTAL	183	35	43	105		

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	30	3	0	0	90.0 ± 11.0	(101.0 - 79.0)
1 - 2	27	6	2	0	69.2 ± 17.1	(86.3 - 52.1)
2 - 3	19	2	0	0	61.9 ± 18.1	(80.1 - 43.8)
3 - 4	17	1	4	0	57.8 ± 18.7	(76.5 - 39.1)
4 - 5	12	0	1	0	57.8 ± 18.7	(76.5 - 39.1)
5 -	11			11		
TOTAL	30	12	7	11		

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 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 0 1 0 100.0 ± 0.0 (100.0 -100.0) 3 - 4 2 0 0 0 100.0 ± 0.0 (100.0 -100.0) 4 - 5 2 0 1 0 100.0 ± 0.0 (100.0 -100.0) 5 - 1 1 TOTAL 3 0 2 1
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 16 0 1 0 100.0 ± 0.0 (100.0 -100.0) 1 - 2 15 0 3 0 100.0 ± 0.0 (100.0 -100.0) 2 - 3 12 0 0 0 100.0 ± 0.0 (100.0 -100.0) 3 - 4 12 0 0 0 100.0 ± 0.0 (100.0 -100.0) 4 - 5 12 0 1 0 100.0 ± 0.0 (100.0 -100.0) 5 - 11 11 TOTAL 16 0 5 11
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 56 2 1 0 96.4 ± 5.0 (101.4 - 91.4) 1 - 2 53 1 2 0 94.5 ± 6.1 (100.7 - 88.4) 2 - 3 50 2 4 0 90.6 ± 8.0 (98.6 - 82.6) 3 - 4 44 1 1 0 88.5 ± 8.8 (97.4 - 79.7) 4 - 5 42 0 6 0 88.5 ± 8.8 (97.4 - 79.7) 5 - 36 36 TOTAL 56 6 14 36
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 - 1 261 8 9 0 96.9 ± 2.2 (99.1 - 94.7) 1 - 2 244 11 11 0 92.4 ± 3.3 (95.8 - 89.1) 2 - 3 222 11 15 0 87.7 ± 4.2 (91.9 - 83.4) 3 - 4 196 2 11 0 86.8 ± 4.4 (91.1 - 82.4) 4 - 5 183 5 14 0 84.3 ± 4.8 (89.1 - 79.5) 5 - 164 164 TOTAL 261 37 60 164
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 - 1 286 13 7 0 95.4 ± 2.5 (97.9 - 92.9) 1 - 2 266 13 12 0 90.6 ± 3.5 (94.1 - 87.1) 2 - 3 241 19 13 0 83.3 ± 4.6 (87.8 - 78.7) 3 - 4 209 13 15 0 77.9 ± 5.1 (83.1 - 72.8) 4 - 5 181 5 12 0 75.7 ± 5.4 (81.1 - 70.3) 5 - 164 164 TOTAL 286 63 59 164
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 73 0 3 0 100.0 ± 0.0 (100.0 -100.0) 1 - 2 70 8 6 0 88.1 ± 7.9 (96.0 - 80.1) 2 - 3 56 6 3 0 78.4 ± 10.3 (88.6 - 68.1) 3 - 4 47 1 3 0 76.6 ± 10.6 (87.2 - 66.0) 4 - 5 43 1 4 0 74.8 ± 11.0 (85.8 - 63.8) 5 - 38 38 TOTAL 73 16 19 38

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	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	1	0	100.0 ± 0.0	(100.0 -100.0)
5 -	0			0		
TOTAL	1	0	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	3	0	1	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	0	0	0	100.0 ± 0.0	(100.0 -100.0)
4 - 5	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
5 -	2			2		
TOTAL	3	0	1	2		

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	7	0	1	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	2	0	100.0 ± 0.0	(100.0 -100.0)
5 -	4			4		
TOTAL	7	0	3	4		

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	101	2	2	0	98.0 ± 2.8	(100.8 - 95.2)
1 - 2	97	4	10	0	93.7 ± 5.0	(98.7 - 88.8)
2 - 3	83	6	3	0	86.8 ± 7.1	(93.9 - 79.7)
3 - 4	74	7	7	0	78.2 ± 8.9	(87.1 - 69.3)
4 - 5	60	1	3	0	76.9 ± 9.1	(86.0 - 67.7)
5 -	56			56		
TOTAL	101	20	25	56		

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	146	7	7	0	95.1 ± 3.6	(98.7 - 91.5)
1 - 2	132	17	10	0	82.4 ± 6.5	(88.9 - 75.8)
2 - 3	105	5	2	0	78.4 ± 7.1	(85.5 - 71.3)
3 - 4	98	4	4	0	75.1 ± 7.5	(82.7 - 67.6)
4 - 5	90	6	7	0	69.9 ± 8.1	(78.1 - 61.8)
5 -	77			77		
TOTAL	146	39	30	77		

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	64	4	1	0	93.7 ± 6.1	(99.8 - 87.6)
1 - 2	59	4	4	0	87.1 ± 8.5	(95.6 - 78.6)
2 - 3	51	3	1	0	81.9 ± 9.9	(91.8 - 72.1)
3 - 4	47	1	1	0	80.2 ± 10.3	(90.5 - 69.9)
4 - 5	45	1	4	0	78.3 ± 10.7	(89.0 - 67.6)
5 -	40			40		
TOTAL	64	13	11	40		

24-4 N3, 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	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/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	9	1	0	0	88.9 ± 21.0	(109.8 - 67.9)
1 - 2	8	0	0	0	88.9 ± 21.0	(109.8 - 67.9)
2 - 3	8	0	1	0	88.9 ± 21.0	(109.8 - 67.9)
3 - 4	7	0	0	0	88.9 ± 21.0	(109.8 - 67.9)
4 - 5	7	0	2	0	88.9 ± 21.0	(109.8 - 67.9)
5 -	5			5		
TOTAL	9	1	3	5		

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	46	5	0	0	89.1 ± 9.2	(98.3 - 80.0)
1 - 2	41	5	3	0	77.8 ± 12.4	(90.2 - 65.5)
2 - 3	33	4	1	0	68.3 ± 14.1	(82.3 - 54.2)
3 - 4	28	0	3	0	68.3 ± 14.1	(82.3 - 54.2)
4 - 5	25	0	3	0	68.3 ± 14.1	(82.3 - 54.2)
5 -	22			22		
TOTAL	46	14	10	22		

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	24	7	0	0	70.8 ± 18.6	(89.4 - 52.3)
1 - 2	17	1	0	0	66.7 ± 19.2	(85.9 - 47.4)
2 - 3	16	2	1	0	58.1 ± 20.2	(78.3 - 37.8)
3 - 4	13	0	1	0	58.1 ± 20.2	(78.3 - 37.8)
4 - 5	12	0	3	0	58.1 ± 20.2	(78.3 - 37.8)
5 -	9			9		
TOTAL	24	10	5	9		

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	9	2	0	0	77.8 ± 27.7	(105.5 - 50.1)
	1 - 2	7	1	1	0	65.8 ± 32.2	(98.0 - 33.6)
	2 - 3	5	0	0	0	65.8 ± 32.2	(98.0 - 33.6)
	3 - 4	5	0	1	0	65.8 ± 32.2	(98.0 - 33.6)
	4 - 5	4	1	0	0	49.4 ± 37.3	(86.7 - 12.0)
	5 -	3			3		
	TOTAL	9	4	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	14	4	0	0	71.4 ± 24.1	(95.6 - 47.3)
	1 - 2	10	4	3	0	37.8 ± 27.6	(65.4 - 10.2)
	2 - 3	3	1	0	0	25.2 ± 27.6	(52.8 - -2.4)
	3 - 4	2	0	0	0	25.2 ± 27.6	(52.8 - -2.4)
	4 - 5	2	0	0	0	25.2 ± 27.6	(52.8 - -2.4)
	5 -	2			2		
	TOTAL	14	9	3	2		

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	3	0	0	62.5 ± 34.2	(96.7 - 28.3)
	1 - 2	5	0	1	0	62.5 ± 34.2	(96.7 - 28.3)
	2 - 3	4	1	0	0	46.9 ± 37.3	(84.2 - 9.6)
	3 - 4	3	0	0	0	46.9 ± 37.3	(84.2 - 9.6)
	4 - 5	3	0	0	0	46.9 ± 37.3	(84.2 - 9.6)
	5 -	3			3		
	TOTAL	8	4	1	3		

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 FOLLW-UP WITHDRAWN IN ALIVE CUMULATIVE SURV.R±2SE GREENWOOD'S 5% STD ERROR 0 - 1 84 0 2 0 100.0 ± 0.0 (100.0 - 100.0) 1 - 2 82 1 4 0 98.8 ± 2.5 (101.2 - 96.3) 2 - 3 77 1 6 0 97.4 ± 3.6 (101.0 - 93.8) 3 - 4 70 2 5 0 94.6 ± 5.3 (99.9 - 89.2) 4 - 5 63 2 7 0 91.4 ± 6.8 (98.1 - 84.6) 5 - 54 54 TOTAL 84 6 24 54
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 - 1 216 4 2 0 98.1 ± 1.8 (100.0 - 96.3) 1 - 2 210 3 8 0 96.7 ± 2.4 (99.2 - 94.3) 2 - 3 199 3 7 0 95.2 ± 2.9 (98.2 - 92.3) 3 - 4 189 2 9 0 94.2 ± 3.3 (97.5 - 90.9) 4 - 5 178 4 17 0 92.0 ± 3.9 (95.8 - 88.1) 5 - 157 157 TOTAL 216 16 43 157
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 - 1 224 5 4 0 97.7 ± 2.0 (99.7 - 95.8) 1 - 2 215 1 9 0 97.3 ± 2.2 (99.5 - 95.1) 2 - 3 205 4 8 0 95.3 ± 2.9 (98.2 - 92.5) 3 - 4 193 6 11 0 92.3 ± 3.7 (96.0 - 88.6) 4 - 5 176 2 21 0 91.2 ± 4.0 (95.2 - 87.2) 5 - 153 153 TOTAL 224 18 53 153
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 - 1 206 5 5 0 97.5 ± 2.2 (99.7 - 95.4) 1 - 2 196 4 11 0 95.5 ± 2.9 (98.4 - 92.6) 2 - 3 181 5 8 0 92.8 ± 3.7 (96.5 - 89.1) 3 - 4 168 4 7 0 90.5 ± 4.3 (94.8 - 86.3) 4 - 5 157 6 24 0 86.8 ± 5.1 (91.9 - 81.7) 5 - 127 127 TOTAL 206 24 55 127
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 - 1 146 6 4 0 95.8 ± 3.3 (99.2 - 92.5) 1 - 2 136 6 8 0 91.5 ± 4.7 (96.2 - 86.8) 2 - 3 122 11 5 0 83.1 ± 6.5 (89.5 - 76.6) 3 - 4 106 9 3 0 75.9 ± 7.5 (83.4 - 68.4) 4 - 5 94 5 10 0 71.6 ± 8.0 (79.6 - 63.7) 5 - 79 79 TOTAL 146 37 30 79
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 22 1 1 0 95.3 ± 9.1 (104.4 - 86.3) 1 - 2 20 2 0 0 86.8 ± 15.2 (101.0 - 70.6) 2 - 3 18 3 0 0 71.5 ± 19.7 (91.2 - 51.8) 3 - 4 15 0 2 0 71.5 ± 19.7 (91.2 - 51.8) 4 - 5 13 1 0 0 66.0 ± 21.0 (87.0 - 45.0) 5 - 12 12 TOTAL 22 7 3 12

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	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	1	0	100.0 ± 0.0	(100.0 - 100.0)
	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		
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	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	7	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	7	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	7	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	6	1	1	0	81.8 ± 32.9	(114.7 - 48.9)
	5 -	4			4		
	TOTAL	8	1	3	4		
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	51	2	2	0	96.0 ± 5.5	(101.5 - 90.5)
	1 - 2	47	1	5	0	93.8 ± 6.9	(100.7 - 86.9)
	2 - 3	41	1	2	0	91.5 ± 8.2	(99.7 - 83.3)
	3 - 4	38	2	0	0	86.7 ± 10.2	(96.9 - 76.5)
	4 - 5	36	2	2	0	81.7 ± 11.8	(93.5 - 70.0)
	5 -	32			32		
	TOTAL	51	8	11	32		
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	165	7	2	0	95.7 ± 3.2	(98.9 - 92.6)
	1 - 2	156	12	13	0	88.0 ± 5.2	(93.2 - 82.9)
	2 - 3	131	10	9	0	81.1 ± 6.4	(87.4 - 74.7)
	3 - 4	112	10	4	0	73.7 ± 7.3	(81.0 - 66.4)
	4 - 5	98	7	6	0	68.3 ± 7.8	(76.1 - 60.5)
	5 -	85			85		
	TOTAL	165	46	34	85		
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	230	12	4	0	94.7 ± 3.0	(97.7 - 91.8)
	1 - 2	214	29	8	0	81.7 ± 5.2	(86.8 - 76.5)
	2 - 3	177	11	6	0	76.5 ± 5.7	(82.2 - 70.8)
	3 - 4	160	11	7	0	71.1 ± 6.2	(77.3 - 65.0)
	4 - 5	142	12	13	0	64.8 ± 6.6	(71.4 - 58.2)
	5 -	117			117		
	TOTAL	230	75	38	117		
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	48	3	2	0	93.6 ± 7.1	(100.7 - 86.5)
	1 - 2	43	4	5	0	84.4 ± 10.9	(95.2 - 73.5)
	2 - 3	34	6	2	0	69.0 ± 14.4	(83.4 - 54.6)
	3 - 4	26	2	2	0	63.5 ± 15.2	(78.7 - 48.3)
	4 - 5	22	2	1	0	57.6 ± 15.9	(73.5 - 41.7)
	5 -	19			19		
	TOTAL	48	17	12	19		

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 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 14 0 0 0 100.0 ± 0.0 (100.0 -100.0) 1 - 2 14 1 1 0 92.6 ± 14.3 (106.8 - 78.3) 2 - 3 12 2 2 0 75.8 ± 24.5 (100.2 - 51.3) 3 - 4 8 0 0 0 75.8 ± 24.5 (100.2 - 51.3) 4 - 5 8 0 0 0 75.8 ± 24.5 (100.2 - 51.3) 5 - 8 8 TOTAL 14 3 3 8
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 43 3 0 0 93.0 ± 7.8 (100.8 - 85.3) 1 - 2 40 4 3 0 83.4 ± 11.5 (94.9 - 71.9) 2 - 3 33 4 3 0 72.8 ± 14.1 (86.9 - 58.7) 3 - 4 26 1 1 0 69.9 ± 14.6 (84.6 - 55.3) 4 - 5 24 2 4 0 63.6 ± 15.8 (79.4 - 47.7) 5 - 18 18 TOTAL 43 14 11 18
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 95 2 2 0 97.9 ± 3.0 (100.8 - 94.9) 1 - 2 91 11 8 0 85.5 ± 7.4 (92.9 - 78.1) 2 - 3 72 8 1 0 75.9 ± 9.2 (85.1 - 66.7) 3 - 4 63 8 3 0 66.1 ± 10.3 (76.4 - 55.7) 4 - 5 52 4 7 0 60.6 ± 10.8 (71.4 - 49.8) 5 - 41 41 TOTAL 95 33 21 41
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 29 3 0 0 89.7 ± 11.3 (101.0 - 78.3) 1 - 2 26 4 1 0 75.6 ± 16.1 (91.6 - 59.5) 2 - 3 21 4 0 0 61.2 ± 18.3 (79.5 - 42.8) 3 - 4 17 3 1 0 50.1 ± 19.0 (69.1 - 31.1) 4 - 5 13 0 0 0 50.1 ± 19.0 (69.1 - 31.1) 5 - 13 13 TOTAL 29 14 2 13

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 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	9	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	9	3	0	0	66.7 ± 31.4	(98.1 - 35.2)
2 - 3	6	0	1	0	66.7 ± 31.4	(98.1 - 35.2)
3 - 4	5	1	1	0	51.9 ± 35.8	(87.6 - 16.1)
4 - 5	3	0	0	0	51.9 ± 35.8	(87.6 - 16.1)
5 -	3			3		
TOTAL	9	4	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	13	2	1	0	84.0 ± 20.7	(104.7 - 63.3)
1 - 2	10	3	0	0	58.8 ± 28.3	(87.1 - 30.5)
2 - 3	7	1	1	0	49.8 ± 29.2	(78.9 - 20.6)
3 - 4	5	3	0	0	19.9 ± 24.7	(44.6 - -4.8)
4 - 5	2	0	1	0	19.9 ± 24.7	(44.6 - -4.8)
5 -	1			1		
TOTAL	13	9	3	1		

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	23	6	0	0	73.9 ± 18.3	(92.2 - 55.6)
1 - 2	17	1	2	0	69.3 ± 19.4	(88.7 - 49.9)
2 - 3	14	2	0	0	59.4 ± 21.1	(80.4 - 38.3)
3 - 4	12	1	1	0	54.2 ± 21.6	(75.8 - 32.6)
4 - 5	10	0	0	0	54.2 ± 21.6	(75.8 - 32.6)
5 -	10			10		
TOTAL	23	10	3	10		

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 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	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	1 - 2	3	1	0	0	50.0 ± 50.0	(100.0 - 0.0)
	2 - 3	2	1	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		

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	1	0	0	93.3 ± 12.9	(106.2 - 80.5)
	1 - 2	14	4	2	0	64.6 ± 25.5	(90.1 - 39.1)
	2 - 3	8	5	0	0	24.2 ± 24.1	(48.3 - 0.1)
	3 - 4	3	0	0	0	24.2 ± 24.1	(48.3 - 0.1)
	4 - 5	3	1	0	0	16.2 ± 20.8	(36.9 - -4.6)
	5 -	2			2		
	TOTAL	15	11	2	2		

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	10	6	1	0	36.8 ± 31.3	(68.1 - 5.5)
	1 - 2	3	0	1	0	36.8 ± 31.3	(68.1 - 5.5)
	2 - 3	2	0	0	0	36.8 ± 31.3	(68.1 - 5.5)
	3 - 4	2	0	0	0	36.8 ± 31.3	(68.1 - 5.5)
	4 - 5	2	0	0	0	36.8 ± 31.3	(68.1 - 5.5)
	5 -	2			2		
	TOTAL	10	6	2	2		

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 FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R±2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	159	1	6	0	99.4 ± 1.3	(100.6 - 98.1)
	1 - 2	152	2	14	0	98.0 ± 2.3	(100.3 - 95.7)
	2 - 3	136	1	8	0	97.2 ± 2.7	(100.0 - 94.5)
	3 - 4	127	3	10	0	94.9 ± 3.8	(98.7 - 91.0)
	4 - 5	114	1	12	0	94.0 ± 4.2	(98.1 - 89.8)
	5 -	101			101		
	TOTAL	159	8	50	101		

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	346	1	14	0	99.7 ± 0.6	(100.3 - 99.1)
	1 - 2	331	3	26	0	98.8 ± 1.2	(100.0 - 97.5)
	2 - 3	302	1	19	0	98.4 ± 1.4	(99.8 - 97.0)
	3 - 4	282	5	17	0	96.6 ± 2.1	(98.7 - 94.5)
	4 - 5	260	7	21	0	93.9 ± 2.9	(96.8 - 91.0)
	5 -	232			232		
	TOTAL	346	17	97	232		

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	191	6	8	0	96.8 ± 2.6	(99.4 - 94.2)
	1 - 2	177	2	6	0	95.7 ± 3.0	(98.7 - 92.7)
	2 - 3	169	1	7	0	95.1 ± 3.2	(98.3 - 91.9)
	3 - 4	161	2	12	0	93.9 ± 3.6	(97.5 - 90.3)
	4 - 5	147	1	16	0	93.2 ± 3.8	(97.0 - 89.4)
	5 -	130			130		
	TOTAL	191	12	49	130		

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	385	7	16	0	98.1 ± 1.4	(99.5 - 96.8)
	1 - 2	362	8	15	0	95.9 ± 2.1	(98.0 - 93.9)
	2 - 3	339	16	16	0	91.3 ± 3.0	(94.3 - 88.3)
	3 - 4	307	10	17	0	88.2 ± 3.5	(91.7 - 84.8)
	4 - 5	280	9	20	0	85.3 ± 3.9	(89.2 - 81.4)
	5 -	251			251		
	TOTAL	385	50	84	251		

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	343	11	14	0	96.7 ± 1.9	(98.7 - 94.8)
	1 - 2	318	10	23	0	93.6 ± 2.7	(96.3 - 90.9)
	2 - 3	285	12	14	0	89.5 ± 3.5	(93.0 - 86.1)
	3 - 4	259	12	15	0	85.3 ± 4.1	(89.3 - 81.2)
	4 - 5	232	3	22	0	84.1 ± 4.2	(88.3 - 79.9)
	5 -	207			207		
	TOTAL	343	48	88	207		

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	111	4	2	0	96.4 ± 3.6	(99.9 - 92.8)
	1 - 2	105	10	7	0	86.9 ± 6.5	(93.4 - 80.3)
	2 - 3	88	7	2	0	79.9 ± 7.9	(87.7 - 72.0)
	3 - 4	79	2	7	0	77.8 ± 8.2	(86.0 - 69.6)
	4 - 5	70	1	8	0	76.6 ± 8.4	(85.0 - 68.2)
	5 -	61			61		
	TOTAL	111	24	26	61		

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 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	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	7	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	7	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	7	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	6			6		
	TOTAL	7	0	1	6		

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	30	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	30	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	29	1	1	0	96.5 ± 6.9	(103.4 - 89.6)
	3 - 4	27	0	1	0	96.5 ± 6.9	(103.4 - 89.6)
	4 - 5	26	0	2	0	96.5 ± 6.9	(103.4 - 89.6)
	5 -	24			24		
	TOTAL	30	1	5	24		

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	47	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	46	0	5	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	41	1	2	0	97.5 ± 4.9	(102.4 - 92.6)
	3 - 4	38	1	0	0	94.9 ± 7.0	(101.9 - 88.0)
	4 - 5	37	1	5	0	92.2 ± 8.7	(100.9 - 83.5)
	5 -	31			31		
	TOTAL	47	3	13	31		

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	160	7	7	0	95.5 ± 3.3	(98.8 - 92.2)
	1 - 2	146	6	12	0	91.4 ± 4.5	(96.0 - 86.9)
	2 - 3	128	6	9	0	87.0 ± 5.6	(92.6 - 81.4)
	3 - 4	113	5	7	0	83.0 ± 6.4	(89.4 - 76.7)
	4 - 5	101	2	8	0	81.3 ± 6.7	(88.0 - 74.6)
	5 -	91			91		
	TOTAL	160	26	43	91		

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	184	13	5	0	92.8 ± 3.8	(96.7 - 89.0)
	1 - 2	166	15	8	0	84.2 ± 5.5	(89.7 - 78.8)
	2 - 3	143	14	6	0	75.8 ± 6.5	(82.3 - 69.3)
	3 - 4	123	9	12	0	70.0 ± 7.1	(77.1 - 62.9)
	4 - 5	102	2	7	0	68.6 ± 7.2	(75.8 - 61.3)
	5 -	93			93		
	TOTAL	184	53	38	93		

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	43	3	0	0	93.0 ± 7.8	(100.8 - 85.3)
	1 - 2	40	6	3	0	78.5 ± 12.7	(91.2 - 65.8)
	2 - 3	31	4	3	0	67.9 ± 14.8	(82.7 - 53.1)
	3 - 4	24	1	1	0	65.0 ± 15.2	(80.2 - 49.7)
	4 - 5	22	1	1	0	62.0 ± 15.7	(77.7 - 46.3)
	5 -	20			20		
	TOTAL	43	15	8	20		

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	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	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	3	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	2			2		
	TOTAL	3	0	1	2		

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	13	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	12	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	11	0	2	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	9	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	8	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	7			7		
	TOTAL	13	0	6	7		

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	75	3	3	0	95.9 ± 4.6	(100.5 - 91.3)
	1 - 2	69	4	6	0	90.1 ± 7.1	(97.2 - 83.0)
	2 - 3	59	6	2	0	80.8 ± 9.6	(90.4 - 71.2)
	3 - 4	51	3	6	0	75.7 ± 10.6	(86.4 - 65.1)
	4 - 5	42	1	5	0	73.8 ± 11.0	(84.9 - 62.8)
	5 -	36			36		
	TOTAL	75	17	22	36		

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	100	4	1	0	96.0 ± 3.9	(99.9 - 92.0)
	1 - 2	95	14	8	0	81.2 ± 8.0	(89.2 - 73.2)
	2 - 3	73	6	0	0	74.5 ± 9.0	(83.5 - 65.5)
	3 - 4	67	2	1	0	72.3 ± 9.3	(81.6 - 63.0)
	4 - 5	64	8	1	0	63.2 ± 10.1	(73.3 - 53.1)
	5 -	55			55		
	TOTAL	100	34	11	55		

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	29	4	2	0	85.7 ± 13.2	(98.9 - 72.5)
	1 - 2	23	3	1	0	74.3 ± 16.8	(91.1 - 57.5)
	2 - 3	19	0	0	0	74.3 ± 16.8	(91.1 - 57.5)
	3 - 4	19	0	0	0	74.3 ± 16.8	(91.1 - 57.5)
	4 - 5	19	0	2	0	74.3 ± 16.8	(91.1 - 57.5)
	5 -	17			17		
	TOTAL	29	7	5	17		

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 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 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 FOLLOW-UP WITHDRAWN IN ALIVE CUMULATIVE SURV.R± 2SE GREENWOOD'S 5% STD ERROR ===== 0 - 1 13 2 0 0 84.6 ± 20.0 (104.6 - 64.6) 1 - 2 11 2 0 0 69.2 ± 25.6 (94.8 - 43.6) 2 - 3 9 0 1 0 69.2 ± 25.6 (94.8 - 43.6) 3 - 4 8 1 1 0 60.0 ± 28.1 (88.1 - 31.9) 4 - 5 6 1 0 0 50.0 ± 29.7 (79.7 - 20.3) 5 - 5 5 ----- TOTAL 13 6 2 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 31 4 0 0 87.1 ± 12.0 (99.1 - 75.1) 1 - 2 27 5 2 0 70.3 ± 16.6 (87.0 - 53.7) 2 - 3 20 3 2 0 59.2 ± 18.3 (77.5 - 41.0) 3 - 4 15 0 1 0 59.2 ± 18.3 (77.5 - 41.0) 4 - 5 14 0 1 0 59.2 ± 18.3 (77.5 - 41.0) 5 - 13 13 ----- TOTAL 31 12 6 13
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 9 4 0 0 55.6 ± 33.1 (88.7 - 22.4) 1 - 2 5 1 0 0 44.4 ± 33.1 (77.6 - 11.3) 2 - 3 4 1 0 0 33.3 ± 31.4 (64.8 - 1.9) 3 - 4 3 0 1 0 33.3 ± 31.4 (64.8 - 1.9) 4 - 5 2 0 0 0 33.3 ± 31.4 (64.8 - 1.9) 5 - 2 2 ----- TOTAL 9 6 1 2

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	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	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	1	1	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	11	4	0	0	63.6 ± 29.0	(92.6 - 34.6)
	1 - 2	7	3	1	0	34.3 ± 29.4	(63.6 - 4.9)
	2 - 3	3	2	0	0	11.4 ± 21.1	(32.5 - -9.6)
	3 - 4	1	0	0	0	11.4 ± 21.1	(32.5 - -9.6)
	4 - 5	1	0	0	0	11.4 ± 21.1	(32.5 - -9.6)
	5 -	1			1		
	TOTAL	11	9	1	1		

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	6	2	0	0	66.7 ± 38.5	(105.2 - 28.2)
	1 - 2	4	0	1	0	66.7 ± 38.5	(105.2 - 28.2)
	2 - 3	3	1	0	0	44.4 ± 44.4	(88.9 - 0.0)
	3 - 4	2	0	0	0	44.4 ± 44.4	(88.9 - 0.0)
	4 - 5	2	0	1	0	44.4 ± 44.4	(88.9 - 0.0)
	5 -	1			1		
	TOTAL	6	3	2	1		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	66	0	2	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	64	0	3	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	61	0	5	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	56	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	55	2	6	0	96.2 ± 5.3	(101.5 - 90.8)
	5 -	47			47		
	TOTAL	66	2	17	47		

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	190	3	2	0	98.4 ± 1.8	(100.2 - 96.6)
	1 - 2	185	1	7	0	97.9 ± 2.1	(100.0 - 95.8)
	2 - 3	177	3	7	0	96.2 ± 2.8	(99.0 - 93.3)
	3 - 4	167	1	9	0	95.6 ± 3.1	(98.6 - 92.5)
	4 - 5	157	4	17	0	93.0 ± 3.9	(96.9 - 89.1)
	5 -	136			136		
	TOTAL	190	12	42	136		

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	201	3	6	0	98.5 ± 1.7	(100.2 - 96.7)
	1 - 2	192	1	9	0	98.0 ± 2.0	(100.0 - 95.9)
	2 - 3	182	2	7	0	96.9 ± 2.5	(99.4 - 94.3)
	3 - 4	173	3	7	0	95.1 ± 3.2	(98.3 - 92.0)
	4 - 5	163	1	16	0	94.5 ± 3.4	(97.9 - 91.2)
	5 -	146			146		
	TOTAL	201	10	45	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	246	6	4	0	97.5 ± 2.0	(99.5 - 95.6)
	1 - 2	236	6	14	0	95.0 ± 2.8	(97.8 - 92.2)
	2 - 3	216	9	12	0	90.9 ± 3.8	(94.7 - 87.1)
	3 - 4	195	8	5	0	87.1 ± 4.5	(91.6 - 82.7)
	4 - 5	182	5	25	0	84.6 ± 4.9	(89.5 - 79.7)
	5 -	152			152		
	TOTAL	246	34	60	152		

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	211	6	8	0	97.1 ± 2.3	(99.4 - 94.8)
	1 - 2	197	19	10	0	87.5 ± 4.7	(92.2 - 82.8)
	2 - 3	168	8	3	0	83.3 ± 5.3	(88.6 - 78.0)
	3 - 4	157	9	7	0	78.4 ± 5.9	(84.3 - 72.5)
	4 - 5	141	3	15	0	76.6 ± 6.1	(82.8 - 70.5)
	5 -	123			123		
	TOTAL	211	45	43	123		

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	61	1	2	0	98.3 ± 3.3	(101.6 - 95.0)
	1 - 2	58	2	4	0	94.8 ± 5.8	(100.6 - 89.0)
	2 - 3	52	10	1	0	76.4 ± 11.5	(87.9 - 65.0)
	3 - 4	41	1	4	0	74.5 ± 11.8	(86.3 - 62.6)
	4 - 5	36	1	1	0	72.4 ± 12.2	(84.6 - 60.1)
	5 -	34			34		
	TOTAL	61	15	12	34		

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	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	17	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	16	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	16	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	16	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	16	1	1	0	93.5 ± 12.5	(106.0 - 81.1)
	5 -	14			14		
	TOTAL	17	1	2	14		

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	61	4	0	0	93.4 ± 6.3	(99.8 - 87.1)
	1 - 2	57	1	6	0	91.7 ± 7.1	(98.8 - 84.6)
	2 - 3	50	1	3	0	89.8 ± 7.9	(97.7 - 81.9)
	3 - 4	46	4	1	0	81.9 ± 10.4	(92.4 - 71.5)
	4 - 5	41	3	6	0	75.5 ± 12.0	(87.4 - 63.5)
	5 -	32			32		
	TOTAL	61	13	16	32		

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	114	5	2	0	95.6 ± 3.9	(99.4 - 91.7)
	1 - 2	107	8	8	0	88.2 ± 6.2	(94.3 - 82.0)
	2 - 3	91	6	5	0	82.2 ± 7.4	(89.6 - 74.7)
	3 - 4	80	5	6	0	76.8 ± 8.3	(85.2 - 68.5)
	4 - 5	69	6	5	0	69.9 ± 9.3	(79.2 - 60.6)
	5 -	58			58		
	TOTAL	114	30	26	58		

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	175	10	1	0	94.3 ± 3.5	(97.8 - 90.8)
	1 - 2	164	14	10	0	86.0 ± 5.3	(91.3 - 80.7)
	2 - 3	140	12	5	0	78.5 ± 6.4	(84.8 - 72.1)
	3 - 4	123	15	5	0	68.7 ± 7.3	(76.0 - 61.4)
	4 - 5	103	12	11	0	60.2 ± 7.9	(68.1 - 52.4)
	5 -	80			80		
	TOTAL	175	63	32	80		

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	29	4	0	0	86.2 ± 12.8	(99.0 - 73.4)
	1 - 2	25	4	2	0	71.8 ± 16.9	(88.7 - 54.9)
	2 - 3	19	2	0	0	64.3 ± 18.2	(82.5 - 46.1)
	3 - 4	17	1	1	0	60.4 ± 18.7	(79.1 - 41.7)
	4 - 5	15	0	0	0	60.4 ± 18.7	(79.1 - 41.7)
	5 -	15			15		
	TOTAL	29	11	3	15		

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	4	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	4	1	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	1	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		
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	19	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	19	1	0	0	94.7 ± 10.2	(105.0 - 84.5)
	2 - 3	18	3	2	0	78.0 ± 19.4	(97.5 - 58.6)
	3 - 4	13	0	1	0	78.0 ± 19.4	(97.5 - 58.6)
	4 - 5	12	0	1	0	78.0 ± 19.4	(97.5 - 58.6)
	5 -	11			11		
	TOTAL	19	4	4	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	44	2	0	0	95.5 ± 6.3	(101.7 - 89.2)
	1 - 2	42	5	4	0	83.5 ± 11.4	(94.9 - 72.1)
	2 - 3	33	4	2	0	73.1 ± 14.0	(87.0 - 59.1)
	3 - 4	27	3	1	0	64.8 ± 15.3	(80.1 - 49.5)
	4 - 5	23	2	3	0	58.8 ± 16.1	(74.9 - 42.7)
	5 -	18			18		
	TOTAL	44	16	10	18		
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	83	3	2	0	96.3 ± 4.1	(100.5 - 92.2)
	1 - 2	78	11	3	0	82.5 ± 8.5	(91.0 - 74.0)
	2 - 3	64	10	2	0	69.4 ± 10.4	(79.8 - 59.0)
	3 - 4	52	5	1	0	62.7 ± 11.0	(73.7 - 51.6)
	4 - 5	46	7	5	0	52.6 ± 11.6	(64.2 - 41.0)
	5 -	34			34		
	TOTAL	83	36	13	34		
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	24	5	1	0	78.7 ± 16.9	(95.6 - 61.8)
	1 - 2	18	2	3	0	69.2 ± 19.5	(88.7 - 49.7)
	2 - 3	13	2	1	0	58.1 ± 21.8	(79.9 - 36.3)
	3 - 4	10	3	1	0	39.8 ± 23.0	(62.8 - 16.8)
	4 - 5	6	1	0	0	33.1 ± 22.7	(55.8 - 10.5)
	5 -	5			5		
	TOTAL	24	13	6	5		

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	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	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		

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	11	1	0	0	90.9 ± 17.3	(108.2 - 73.6)
	1 - 2	10	1	1	0	81.3 ± 23.8	(105.2 - 57.5)
	2 - 3	8	0	2	0	81.3 ± 23.8	(105.2 - 57.5)
	3 - 4	6	0	1	0	81.3 ± 23.8	(105.2 - 57.5)
	4 - 5	5	0	1	0	81.3 ± 23.8	(105.2 - 57.5)
	5 -	4			4		
	TOTAL	11	2	5	4		

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	4	0	0	71.4 ± 24.1	(95.6 - 47.3)
	1 - 2	10	4	0	0	42.9 ± 26.5	(69.3 - 16.4)
	2 - 3	6	1	3	0	33.3 ± 26.6	(59.9 - 6.8)
	3 - 4	2	1	0	0	16.7 ± 27.1	(43.7 --10.4)
	4 - 5	1	0	0	0	16.7 ± 27.1	(43.7 --10.4)
	5 -	1			1		
	TOTAL	14	10	3	1		

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	3	0	0	62.5 ± 34.2	(96.7 - 28.3)
	1 - 2	5	2	0	0	37.5 ± 34.2	(71.7 - 3.3)
	2 - 3	3	1	0	0	25.0 ± 30.6	(55.6 - -5.6)
	3 - 4	2	0	0	0	25.0 ± 30.6	(55.6 - -5.6)
	4 - 5	2	0	0	0	25.0 ± 30.6	(55.6 - -5.6)
	5 -	2			2		
	TOTAL	8	6	0	2		

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 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	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	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	1	1	0	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	6	1	0	0	83.3 ± 30.4	(113.8 - 52.9)
	1 - 2	5	3	0	0	33.3 ± 38.5	(71.8 - -5.2)
	2 - 3	2	1	0	0	16.7 ± 30.4	(47.1 --13.8)
	3 - 4	1	0	0	0	16.7 ± 30.4	(47.1 --13.8)
	4 - 5	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	6	6	0	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	10	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	10	3	2	0	66.7 ± 31.4	(98.1 - 35.2)
	2 - 3	5	4	0	0	13.3 ± 24.7	(38.0 --11.3)
	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	10	8	2	0		

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	7	5	1	0	23.1 ± 33.1	(56.1 --10.0)
	1 - 2	1	0	0	0	23.1 ± 33.1	(56.1 --10.0)
	2 - 3	1	0	0	0	23.1 ± 33.1	(56.1 --10.0)
	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	7	6	1	0		

26-1 Clinical 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	663	6	22	0	99.1 ± 0.7	(99.8 - 98.3)
	1 - 2	635	6	47	0	98.1 ± 1.1	(99.2 - 97.0)
	2 - 3	582	4	31	0	97.4 ± 1.3	(98.7 - 96.1)
	3 - 4	547	9	35	0	95.8 ± 1.7	(97.4 - 94.1)
	4 - 5	503	10	44	0	93.8 ± 2.1	(95.8 - 91.7)
	5 -	449			449		
	TOTAL	663	35	179	449		

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	478	15	26	0	96.8 ± 1.6	(98.4 - 95.1)
	1 - 2	437	16	25	0	93.1 ± 2.4	(95.5 - 90.7)
	2 - 3	396	19	18	0	88.6 ± 3.1	(91.6 - 85.5)
	3 - 4	359	17	25	0	84.2 ± 3.6	(87.8 - 80.7)
	4 - 5	317	8	26	0	82.0 ± 3.8	(85.8 - 78.2)
	5 -	283			283		
	TOTAL	478	75	120	283		

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	728	28	23	0	96.1 ± 1.4	(97.5 - 94.6)
	1 - 2	677	39	35	0	90.4 ± 2.2	(92.6 - 88.2)
	2 - 3	603	38	36	0	84.5 ± 2.8	(87.3 - 81.8)
	3 - 4	529	18	34	0	81.6 ± 3.0	(84.6 - 78.5)
	4 - 5	477	12	39	0	79.4 ± 3.2	(82.6 - 76.2)
	5 -	426			426		
	TOTAL	728	135	167	426		

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	400	26	12	0	93.4 ± 2.5	(95.9 - 90.9)
	1 - 2	362	30	27	0	85.4 ± 3.6	(89.0 - 81.7)
	2 - 3	305	20	9	0	79.7 ± 4.2	(83.9 - 75.5)
	3 - 4	276	12	16	0	76.1 ± 4.5	(80.6 - 71.6)
	4 - 5	248	8	24	0	73.5 ± 4.7	(78.2 - 68.9)
	5 -	216			216		
	TOTAL	400	96	88	216		

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	377	156	10	0	58.1 ± 5.1	(63.2 - 52.9)
	1 - 2	211	84	17	0	34.0 ± 5.0	(39.0 - 29.0)
	2 - 3	110	32	8	0	23.7 ± 4.6	(28.4 - 19.1)
	3 - 4	70	16	4	0	18.1 ± 4.3	(22.4 - 13.8)
	4 - 5	50	5	3	0	16.3 ± 4.2	(20.4 - 12.1)
	5 -	42			42		
	TOTAL	377	293	42	42		

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	497	9	7	0	98.2 ± 1.2	(99.4 - 97.0)
	1 - 2	481	5	21	0	97.1 ± 1.5	(98.6 - 95.6)
	2 - 3	455	8	19	0	95.4 ± 1.9	(97.3 - 93.5)
	3 - 4	428	9	22	0	93.3 ± 2.3	(95.6 - 91.0)
	4 - 5	397	7	42	0	91.6 ± 2.6	(94.2 - 89.0)
	5 -	348			348		
	TOTAL	497	38	111	348		
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	366	11	9	0	97.0 ± 1.8	(98.8 - 95.2)
	1 - 2	346	9	19	0	94.4 ± 2.4	(96.8 - 91.9)
	2 - 3	318	16	15	0	89.5 ± 3.3	(92.8 - 86.2)
	3 - 4	287	13	13	0	85.4 ± 3.9	(89.2 - 81.5)
	4 - 5	261	12	31	0	81.2 ± 4.4	(85.6 - 76.8)
	5 -	218			218		
	TOTAL	366	61	87	218		
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	515	24	12	0	95.3 ± 1.9	(97.2 - 93.4)
	1 - 2	479	48	30	0	85.4 ± 3.2	(88.6 - 82.3)
	2 - 3	401	31	20	0	78.7 ± 3.7	(82.4 - 74.9)
	3 - 4	350	23	16	0	73.4 ± 4.1	(77.5 - 69.3)
	4 - 5	311	24	22	0	67.5 ± 4.4	(71.9 - 63.1)
	5 -	265			265		
	TOTAL	515	150	100	265		
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	223	16	3	0	92.8 ± 3.5	(96.3 - 89.3)
	1 - 2	204	27	15	0	80.0 ± 5.5	(85.5 - 74.6)
	2 - 3	162	21	8	0	69.4 ± 6.4	(75.8 - 63.0)
	3 - 4	133	16	7	0	60.8 ± 6.9	(67.7 - 53.9)
	4 - 5	110	6	10	0	57.3 ± 7.1	(64.4 - 50.3)
	5 -	94			94		
	TOTAL	223	86	43	94		
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	209	77	4	0	62.8 ± 6.7	(69.5 - 56.1)
	1 - 2	128	54	13	0	34.9 ± 6.8	(41.7 - 28.1)
	2 - 3	61	34	4	0	14.8 ± 5.3	(20.1 - 9.5)
	3 - 4	23	3	1	0	12.8 ± 5.1	(17.9 - 7.7)
	4 - 5	19	4	1	0	10.0 ± 4.7	(14.7 - 5.4)
	5 -	14			14		
	TOTAL	209	172	23	14		

26-3 Histological 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	749	8	33	0	98.9 ± 0.8	(99.7 - 98.1)
1 - 2	708	9	52	0	97.6 ± 1.1	(98.8 - 96.5)
2 - 3	647	6	32	0	96.7 ± 1.4	(98.0 - 95.3)
3 - 4	609	11	34	0	94.9 ± 1.7	(96.6 - 93.2)
4 - 5	564	8	54	0	93.5 ± 2.0	(95.4 - 91.5)
5 -	502			502		
TOTAL	749	42	205	502		

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	757	17	30	0	97.7 ± 1.1	(98.8 - 96.6)
1 - 2	710	21	38	0	94.7 ± 1.7	(96.4 - 93.1)
2 - 3	651	29	36	0	90.4 ± 2.2	(92.6 - 88.2)
3 - 4	586	22	42	0	86.9 ± 2.6	(89.5 - 84.3)
4 - 5	522	12	42	0	84.8 ± 2.8	(87.6 - 82.0)
5 -	468			468		
TOTAL	757	101	188	468		

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	535	27	16	0	94.9 ± 1.9	(96.8 - 93.0)
1 - 2	492	32	33	0	88.5 ± 2.8	(91.3 - 85.7)
2 - 3	427	29	22	0	82.3 ± 3.4	(85.8 - 78.9)
3 - 4	376	16	25	0	78.7 ± 3.7	(82.4 - 75.0)
4 - 5	335	8	27	0	76.7 ± 3.9	(80.6 - 72.9)
5 -	300			300		
TOTAL	535	112	123	300		

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	276	21	7	0	92.3 ± 3.2	(95.5 - 89.1)
1 - 2	248	29	18	0	81.1 ± 4.8	(85.9 - 76.3)
2 - 3	201	16	8	0	74.5 ± 5.4	(79.9 - 69.1)
3 - 4	177	6	12	0	71.9 ± 5.7	(77.5 - 66.2)
4 - 5	159	10	11	0	67.2 ± 6.0	(73.2 - 61.2)
5 -	138			138		
TOTAL	276	82	56	138		

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	365	146	8	0	59.6 ± 5.2	(64.7 - 54.4)
1 - 2	211	87	15	0	34.1 ± 5.1	(39.2 - 29.0)
2 - 3	109	34	8	0	23.1 ± 4.6	(27.7 - 18.4)
3 - 4	67	16	5	0	17.3 ± 4.3	(21.6 - 13.1)
4 - 5	46	5	4	0	15.4 ± 4.1	(19.5 - 11.2)
5 -	37			37		
TOTAL	365	288	40	37		

26-4 Histological 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	514	7	10	0	98.6 ± 1.0	(99.7 - 97.6)
	1 - 2	497	6	20	0	97.4 ± 1.4	(98.8 - 96.0)
	2 - 3	471	4	20	0	96.6 ± 1.6	(98.2 - 94.9)
	3 - 4	447	3	16	0	95.9 ± 1.8	(97.7 - 94.1)
	4 - 5	428	8	46	0	94.0 ± 2.2	(96.2 - 91.8)
	5 -	374			374		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	514	28	112	374		
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	437	10	14	0	97.7 ± 1.5	(99.1 - 96.2)
	1 - 2	413	23	25	0	92.1 ± 2.7	(94.7 - 89.4)
	2 - 3	365	22	15	0	86.4 ± 3.4	(89.8 - 83.0)
	3 - 4	328	18	16	0	81.5 ± 3.9	(85.5 - 77.6)
	4 - 5	294	7	34	0	79.5 ± 4.1	(83.6 - 75.4)
	5 -	253			253		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	437	80	104	253		
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	437	25	6	0	94.2 ± 2.2	(96.5 - 92.0)
	1 - 2	406	28	28	0	87.5 ± 3.2	(90.7 - 84.3)
	2 - 3	350	27	14	0	80.6 ± 3.9	(84.5 - 76.7)
	3 - 4	309	26	14	0	73.7 ± 4.4	(78.1 - 69.3)
	4 - 5	269	23	25	0	67.1 ± 4.8	(71.9 - 62.3)
	5 -	221			221		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	437	129	87	221		
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	211	19	3	0	90.9 ± 4.0	(94.9 - 87.0)
	1 - 2	189	27	11	0	77.6 ± 5.8	(83.4 - 71.7)
	2 - 3	151	22	12	0	65.8 ± 6.8	(72.6 - 59.0)
	3 - 4	117	12	6	0	58.9 ± 7.1	(66.0 - 51.7)
	4 - 5	99	10	10	0	52.6 ± 7.4	(60.0 - 45.2)
	5 -	79			79		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	211	90	42	79		
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	194	67	3	0	65.2 ± 6.9	(72.1 - 58.3)
	1 - 2	124	53	11	0	36.0 ± 7.1	(43.1 - 29.0)
	2 - 3	60	34	3	0	15.1 ± 5.5	(20.6 - 9.6)
	3 - 4	23	6	2	0	11.0 ± 4.9	(15.9 - 6.0)
	4 - 5	15	4	1	0	7.9 ± 4.4	(12.3 - 3.5)
	5 -	10			10		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	194	164	20	10		

27-1 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	747	8	33	0	98.9 ± 0.8	(99.7 - 98.1)
1 - 2	706	9	52	0	97.6 ± 1.2	(98.7 - 96.4)
2 - 3	645	6	32	0	96.7 ± 1.4	(98.0 - 95.3)
3 - 4	607	11	34	0	94.9 ± 1.7	(96.6 - 93.1)
4 - 5	562	8	54	0	93.4 ± 2.0	(95.4 - 91.5)
5 -	500			500		
TOTAL	747	42	205	500		

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	792	19	31	0	97.6 ± 1.1	(98.7 - 96.4)
1 - 2	742	21	40	0	94.7 ± 1.6	(96.3 - 93.1)
2 - 3	681	31	36	0	90.3 ± 2.2	(92.5 - 88.1)
3 - 4	614	23	44	0	86.8 ± 2.6	(89.3 - 84.2)
4 - 5	547	14	44	0	84.5 ± 2.8	(87.2 - 81.7)
5 -	489			489		
TOTAL	792	108	195	489		

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	723	37	21	0	94.8 ± 1.7	(96.5 - 93.1)
1 - 2	665	55	47	0	86.7 ± 2.6	(89.3 - 84.1)
2 - 3	563	40	25	0	80.4 ± 3.1	(83.5 - 77.3)
3 - 4	498	21	33	0	76.9 ± 3.3	(80.2 - 73.6)
4 - 5	444	16	34	0	74.0 ± 3.5	(77.5 - 70.5)
5 -	394			394		
TOTAL	723	169	160	394		

27-2 Non-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 4 0 0 0 100.0 ± 0.0 (100.0 - 100.0) 1 - 2 4 1 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
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 - 1 101 27 3 0 72.9 ± 8.9 (81.8 - 63.9) 1 - 2 71 22 8 0 48.9 ± 10.3 (59.2 - 38.7) 2 - 3 41 8 4 0 38.9 ± 10.3 (49.2 - 28.6) 3 - 4 29 4 3 0 33.2 ± 10.3 (43.5 - 23.0) 4 - 5 22 3 2 0 28.5 ± 10.2 (38.7 - 18.3) 5 - 17 17 ----- ----- ----- ----- ----- ----- ----- TOTAL 101 64 20 17
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 - 1 325 138 7 0 57.1 ± 5.5 (62.6 - 51.6) 1 - 2 180 72 10 0 33.6 ± 5.3 (38.9 - 28.2) 2 - 3 98 27 8 0 23.9 ± 4.9 (28.9 - 19.0) 3 - 4 63 12 3 0 19.3 ± 4.7 (23.9 - 14.6) 4 - 5 48 2 4 0 18.4 ± 4.6 (23.0 - 13.8) 5 - 42 42 ----- ----- ----- ----- ----- ----- ----- TOTAL 325 251 32 42

27-3 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	506	7	10	0	98.6 ± 1.0	(99.7 - 97.6)
1 - 2	489	6	20	0	97.4 ± 1.4	(98.8 - 95.9)
2 - 3	463	4	19	0	96.5 ± 1.7	(98.2 - 94.8)
3 - 4	440	3	16	0	95.8 ± 1.8	(97.7 - 94.0)
4 - 5	421	8	44	0	93.9 ± 2.2	(96.2 - 91.7)
5 -	369			369		
TOTAL	506	28	109	369		

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	448	11	15	0	97.5 ± 1.5	(99.0 - 96.0)
1 - 2	422	22	25	0	92.3 ± 2.6	(94.9 - 89.7)
2 - 3	375	23	15	0	86.5 ± 3.4	(89.9 - 83.1)
3 - 4	337	18	16	0	81.8 ± 3.9	(85.6 - 77.9)
4 - 5	303	7	32	0	79.8 ± 4.0	(83.8 - 75.7)
5 -	264			264		
TOTAL	448	81	103	264		

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	563	29	6	0	94.8 ± 1.9	(96.7 - 92.9)
1 - 2	528	42	35	0	87.0 ± 2.9	(89.9 - 84.1)
2 - 3	451	37	23	0	79.7 ± 3.5	(83.2 - 76.2)
3 - 4	391	36	18	0	72.2 ± 4.0	(76.1 - 68.2)
4 - 5	337	33	34	0	64.7 ± 4.3	(69.1 - 60.4)
5 -	270			270		
TOTAL	563	177	116	270		

27-4 Non-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	11	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	11	1	1	0	90.5 ± 18.1	(108.6 - 72.4)
	2 - 3	9	1	1	0	79.8 ± 25.6	(105.4 - 54.2)
	3 - 4	7	1	0	0	68.4 ± 30.5	(98.9 - 38.0)
	4 - 5	6	0	1	0	68.4 ± 30.5	(98.9 - 38.0)
	5 -	5			5		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	11	3	3	5		

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	57	12	2	0	78.6 ± 11.0	(89.5 - 67.6)
	1 - 2	43	13	1	0	54.5 ± 13.5	(68.0 - 41.1)
	2 - 3	29	9	1	0	37.3 ± 13.2	(50.5 - 24.1)
	3 - 4	19	2	1	0	33.3 ± 13.0	(46.3 - 20.3)
	4 - 5	16	2	1	0	29.0 ± 12.6	(41.6 - 16.3)
	5 -	13			13		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	57	38	6	13		

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	213	71	3	0	66.4 ± 6.5	(72.9 - 59.9)
	1 - 2	139	56	13	0	38.4 ± 6.8	(45.2 - 31.5)
	2 - 3	70	36	5	0	17.9 ± 5.6	(23.5 - 12.3)
	3 - 4	29	6	3	0	14.0 ± 5.2	(19.2 - 8.8)
	4 - 5	20	2	2	0	12.5 ± 5.1	(17.6 - 7.4)
	5 -	16			16		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	213	171	26	16		

28-1 Curative resection by Astler-Coller classification

Colon, adenocarcinoma

A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	536	3	21	0	99.4 $\pm$ 0.7	(100.1 - 98.8)
	1 - 2	512	7	42	0	98.0 $\pm$ 1.2	(99.3 - 96.8)
	2 - 3	463	2	27	0	97.6 $\pm$ 1.4	(99.0 - 96.2)
	3 - 4	434	9	28	0	95.5 $\pm$ 1.9	(97.4 - 93.6)
	4 - 5	397	6	37	0	94.0 $\pm$ 2.3	(96.2 - 91.7)
	5 -	354			354		
	TOTAL	536	27	155	354		

B1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	211	5	12	0	97.6 $\pm$ 2.2	(99.7 - 95.4)
	1 - 2	194	2	10	0	96.5 $\pm$ 2.6	(99.1 - 93.9)
	2 - 3	182	4	5	0	94.4 $\pm$ 3.3	(97.7 - 91.1)
	3 - 4	173	2	6	0	93.3 $\pm$ 3.6	(96.9 - 89.7)
	4 - 5	165	2	17	0	92.1 $\pm$ 3.9	(96.0 - 88.1)
	5 -	146			146		
	TOTAL	211	15	50	146		

B2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	792	19	31	0	97.6 $\pm$ 1.1	(98.7 - 96.4)
	1 - 2	742	21	40	0	94.7 $\pm$ 1.6	(96.3 - 93.1)
	2 - 3	681	31	36	0	90.3 $\pm$ 2.2	(92.5 - 88.1)
	3 - 4	614	23	44	0	86.8 $\pm$ 2.6	(89.3 - 84.2)
	4 - 5	547	14	44	0	84.5 $\pm$ 2.8	(87.2 - 81.7)
	5 -	489			489		
	TOTAL	792	108	195	489		

C1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	111	1	1	0	99.1 $\pm$ 1.8	(100.9 - 97.3)
	1 - 2	109	1	6	0	98.2 $\pm$ 2.6	(100.7 - 95.6)
	2 - 3	102	2	3	0	96.2 $\pm$ 3.7	(99.9 - 92.5)
	3 - 4	97	1	7	0	95.2 $\pm$ 4.2	(99.4 - 91.0)
	4 - 5	89	1	10	0	94.0 $\pm$ 4.7	(98.8 - 89.3)
	5 -	78			78		
	TOTAL	111	6	27	78		

C2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	612	36	20	0	94.0 $\pm$ 1.9	(96.0 - 92.1)
	1 - 2	556	54	41	0	84.5 $\pm$ 3.0	(87.5 - 81.5)
	2 - 3	461	38	22	0	77.4 $\pm$ 3.5	(80.9 - 73.9)
	3 - 4	401	20	26	0	73.4 $\pm$ 3.8	(77.2 - 69.6)
	4 - 5	355	15	24	0	70.2 $\pm$ 4.0	(74.2 - 66.2)
	5 -	316			316		
	TOTAL	612	163	133	316		

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

Colon, 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	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 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	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	2 - 3	2	0	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		

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	101	27	3	0	72.9 ± 8.9	(81.8 - 63.9)
	1 - 2	71	22	8	0	48.9 ± 10.3	(59.2 - 38.7)
	2 - 3	41	8	4	0	38.9 ± 10.3	(49.2 - 28.6)
	3 - 4	29	4	3	0	33.2 ± 10.3	(43.5 - 23.0)
	4 - 5	22	3	2	0	28.5 ± 10.2	(38.7 - 18.3)
	5 -	17			17		
	TOTAL	101	64	20	17		

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	11	3	1	0	71.4 ± 27.9	(99.3 - 43.5)
	1 - 2	7	2	0	0	51.0 ± 31.5	(82.5 - 19.5)
	2 - 3	5	2	1	0	28.3 ± 29.6	(58.0 - -1.3)
	3 - 4	2	0	0	0	28.3 ± 29.6	(58.0 - -1.3)
	4 - 5	2	0	0	0	28.3 ± 29.6	(58.0 - -1.3)
	5 -	2			2		
	TOTAL	11	7	2	2		

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	314	135	6	0	56.6 ± 5.6	(62.2 - 51.0)
	1 - 2	173	70	10	0	33.0 ± 5.4	(38.4 - 27.6)
	2 - 3	93	25	7	0	23.8 ± 5.0	(28.8 - 18.8)
	3 - 4	61	12	3	0	19.0 ± 4.7	(23.7 - 14.3)
	4 - 5	46	2	4	0	18.1 ± 4.6	(22.8 - 13.5)
	5 -	40			40		
	TOTAL	314	244	30	40		

28-3 Curative resection by Astler-Coller classification

Rectum, adenocarcinoma

A	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	272	5	6	0	98.1 ± 1.6	(99.8 - 96.5)
	1 - 2	261	2	10	0	97.4 ± 2.0	(99.3 - 95.4)
	2 - 3	249	2	9	0	96.6 ± 2.2	(98.8 - 94.3)
	3 - 4	238	1	10	0	96.2 ± 2.4	(98.5 - 93.8)
	4 - 5	227	6	26	0	93.5 ± 3.2	(96.6 - 90.3)
	5 -	195			195		
	TOTAL	272	16	61	195		
B1	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	234	2	4	0	99.1 ± 1.2	(100.4 - 97.9)
	1 - 2	228	4	10	0	97.4 ± 2.1	(99.5 - 95.2)
	2 - 3	214	2	10	0	96.4 ± 2.5	(98.9 - 93.9)
	3 - 4	202	2	6	0	95.5 ± 2.8	(98.3 - 92.6)
	4 - 5	194	2	18	0	94.4 ± 3.1	(97.6 - 91.3)
	5 -	174			174		
	TOTAL	234	12	48	174		
B2	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	448	11	15	0	97.5 ± 1.5	(99.0 - 96.0)
	1 - 2	422	22	25	0	92.3 ± 2.6	(94.9 - 89.7)
	2 - 3	375	23	15	0	86.5 ± 3.4	(89.9 - 83.1)
	3 - 4	337	18	16	0	81.8 ± 3.9	(85.6 - 77.9)
	4 - 5	303	7	32	0	79.8 ± 4.0	(83.8 - 75.7)
	5 -	264			264		
	TOTAL	448	81	103	264		
C1	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	96	3	1	0	96.9 ± 3.6	(100.4 - 93.3)
	1 - 2	92	3	7	0	93.6 ± 5.1	(98.7 - 88.5)
	2 - 3	82	2	3	0	91.3 ± 5.9	(97.2 - 85.3)
	3 - 4	77	4	3	0	86.4 ± 7.3	(93.7 - 79.1)
	4 - 5	70	4	7	0	81.2 ± 8.5	(89.7 - 72.7)
	5 -	59			59		
	TOTAL	96	16	21	59		
C2	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	467	26	5	0	94.4 ± 2.1	(96.5 - 92.3)
	1 - 2	436	39	28	0	85.7 ± 3.3	(89.0 - 82.4)
	2 - 3	369	35	20	0	77.3 ± 4.0	(81.3 - 73.3)
	3 - 4	314	32	15	0	69.3 ± 4.5	(73.7 - 64.8)
	4 - 5	267	29	27	0	61.3 ± 4.8	(66.2 - 56.5)
	5 -	211			211		
	TOTAL	467	161	95	211		

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

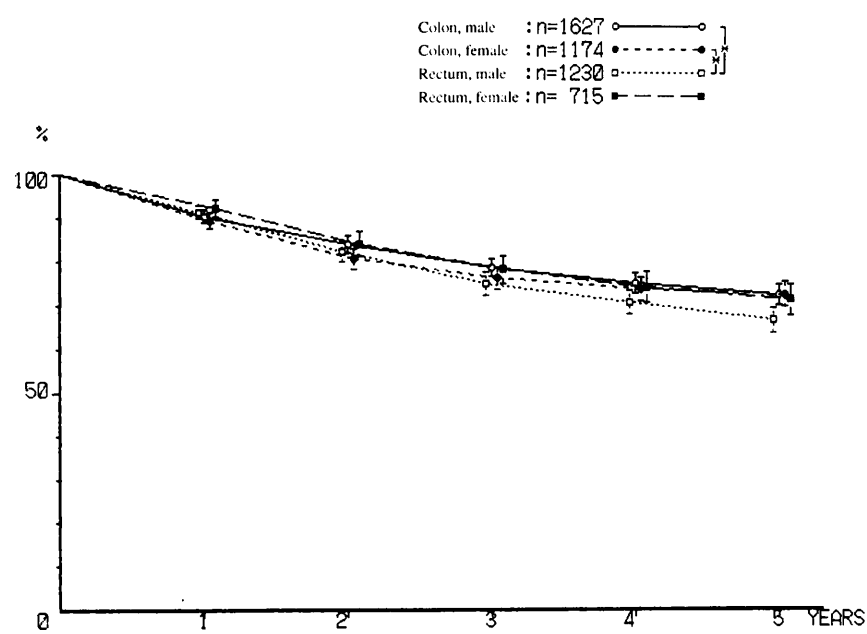
Rectum, adenocarcinoma

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	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	1	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	1	0	80.0 ± 35.8	(115.8 - 44.2)
	5 -	3			3		
	TOTAL	6	1	2	3		
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	5	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	5	1	1	0	77.8 ± 39.2	(117.0 - 38.6)
	2 - 3	3	1	0	0	51.9 ± 49.8	(101.6 - 2.1)
	3 - 4	2	0	0	0	51.9 ± 49.8	(101.6 - 2.1)
	4 - 5	2	0	0	0	51.9 ± 49.8	(101.6 - 2.1)
	5 -	2			2		
	TOTAL	5	2	1	2		
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	57	12	2	0	78.6 ± 11.0	(89.5 - 67.6)
	1 - 2	43	13	1	0	54.5 ± 13.5	(68.0 - 41.1)
	2 - 3	29	9	1	0	37.3 ± 13.2	(50.5 - 24.1)
	3 - 4	19	2	1	0	33.3 ± 13.0	(46.3 - 20.3)
	4 - 5	16	2	1	0	29.0 ± 12.6	(41.6 - 16.3)
	5 -	13			13		
	TOTAL	57	38	6	13		
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	10	1	0	0	90.0 ± 19.0	(109.0 - 71.0)
	1 - 2	9	0	2	0	90.0 ± 19.0	(109.0 - 71.0)
	2 - 3	7	2	0	0	64.3 ± 33.6	(97.9 - 30.7)
	3 - 4	5	1	0	0	51.4 ± 35.4	(86.8 - 16.1)
	4 - 5	4	0	0	0	51.4 ± 35.4	(86.8 - 16.1)
	5 -	4			4		
	TOTAL	10	4	2	4		
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	203	70	3	0	65.3 ± 6.7	(72.0 - 58.6)
	1 - 2	130	56	11	0	35.9 ± 6.9	(42.8 - 29.0)
	2 - 3	63	34	5	0	15.7 ± 5.5	(21.2 - 10.2)
	3 - 4	24	5	3	0	12.2 ± 5.1	(17.3 - 7.2)
	4 - 5	16	2	2	0	10.6 ± 4.9	(15.5 - 5.7)
	5 -	12			12		
	TOTAL	203	167	24	12		

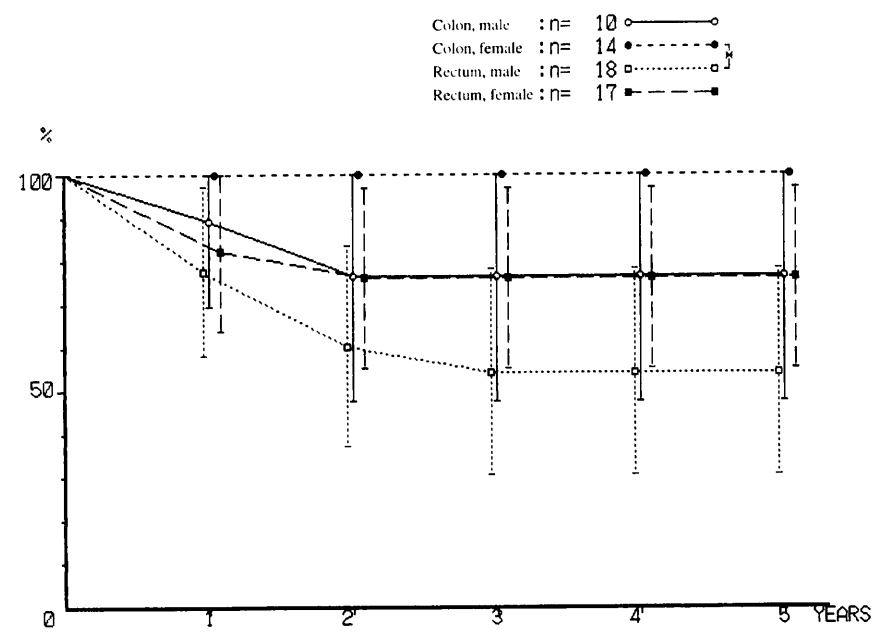
Appendix

Figures of life tables

15-1 Sex
Adenocarcinoma

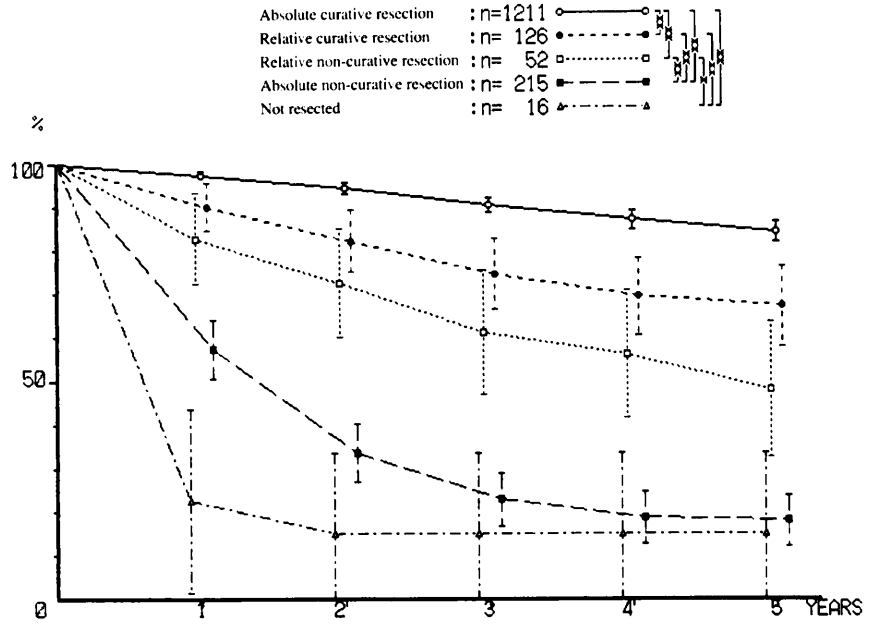


15-2 Sex.
Malignant neoplasms
other than
adenocarcinoma.

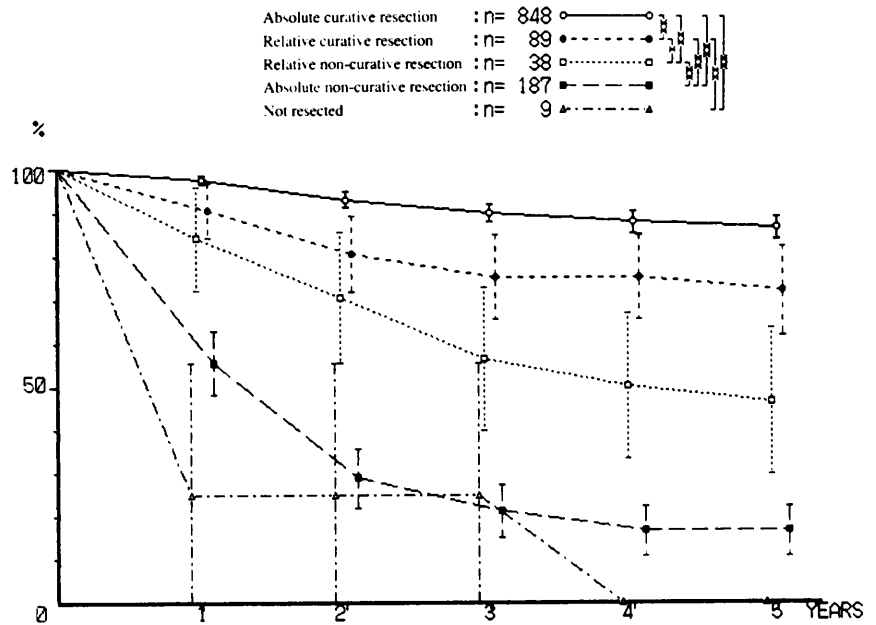


SURVIVAL RATE
* P=0.01 * P=0.05

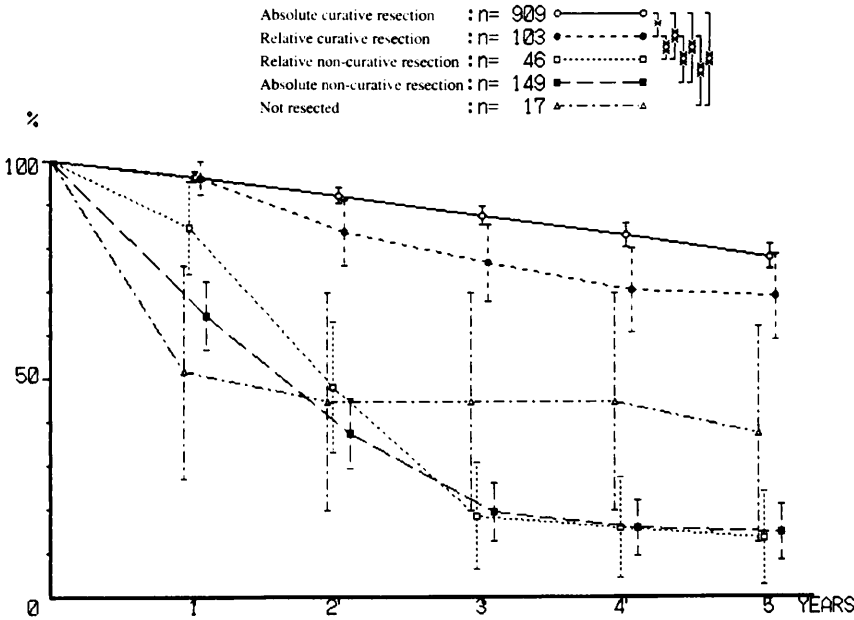
16-1 Macroscopic operative curability
Colon, Male.



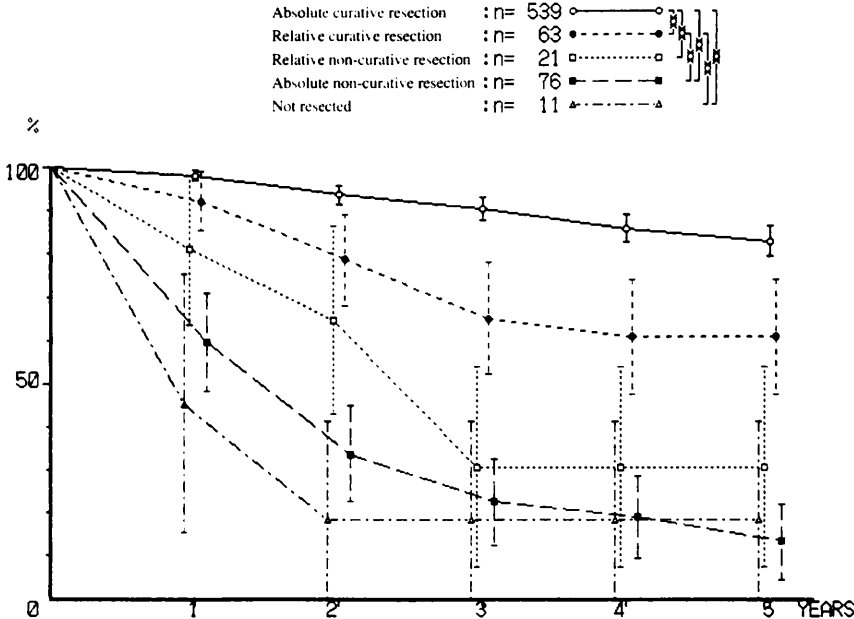
16-2 Macroscopic operative curability
Colon, Female.



16-3 Macroscopic operative curability
Rectum, Male.

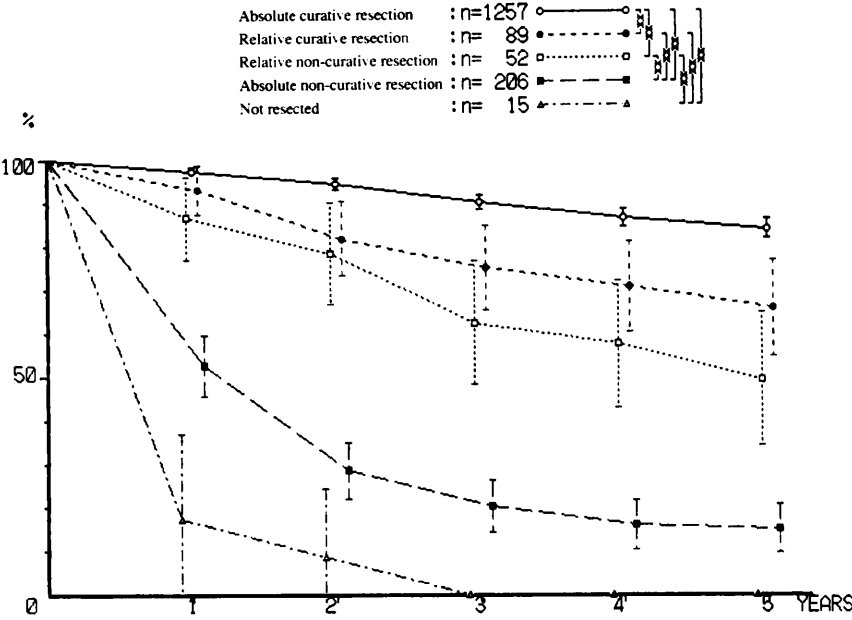


16-4 Macroscopic operative curability
Rectum, Female.

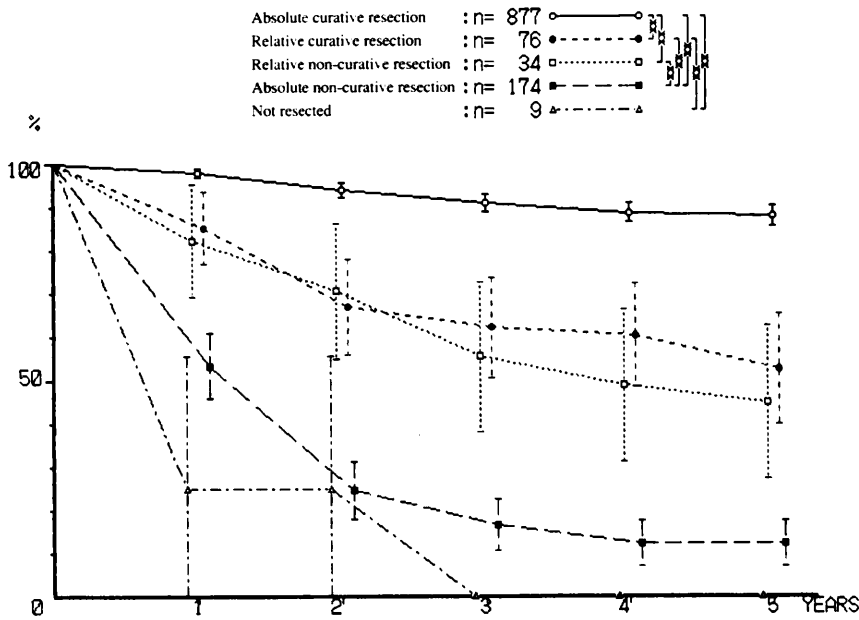


* P=0.01 * P=0.05

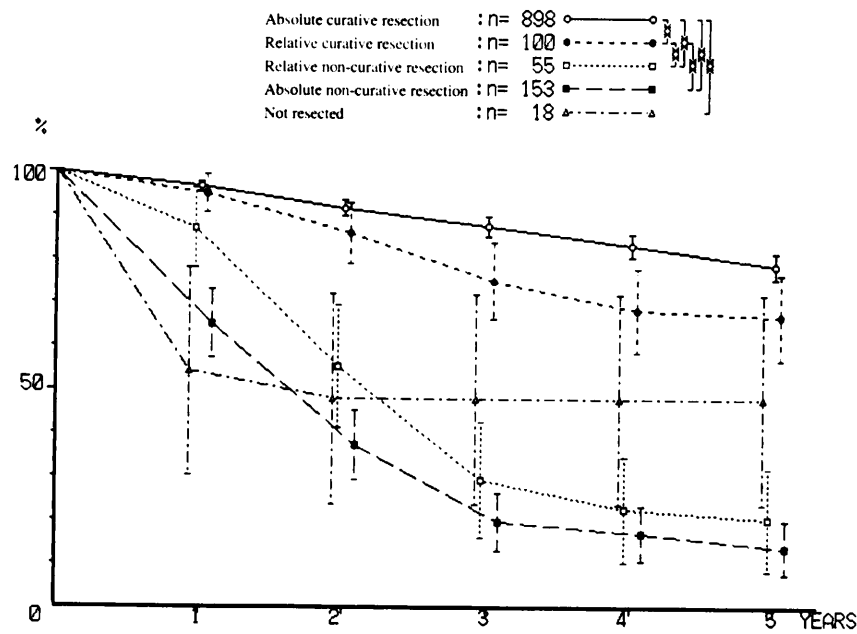
16-5 Histological operative curability.
Colon, Male



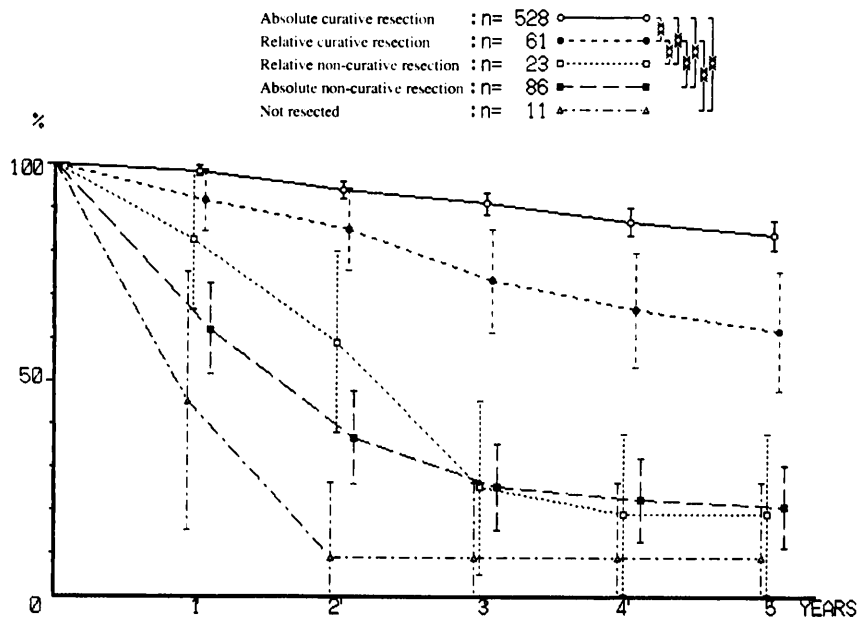
16-6 Histological operative curability.
Colon, Female



16-7 Histological operative curability.
Rectum, Male

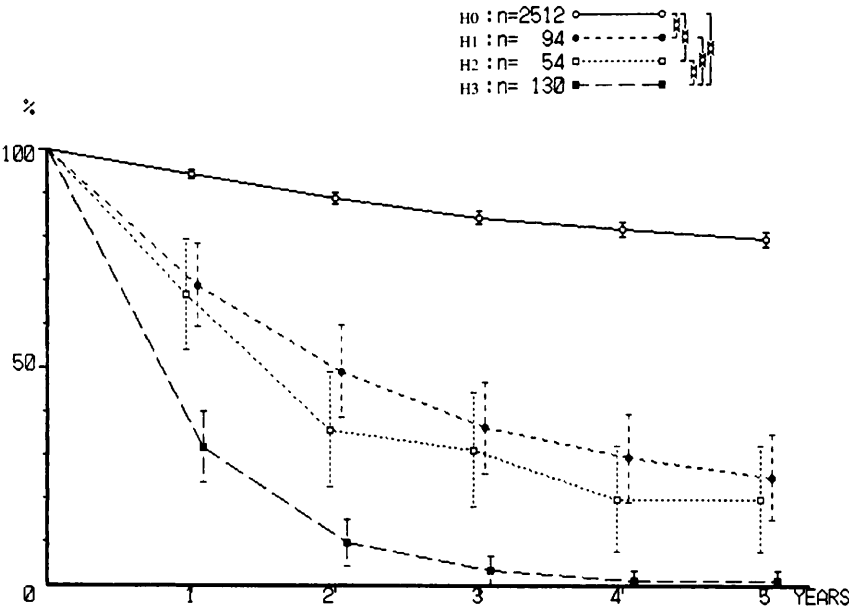


16-8 Histological operative curability.
Rectum, Female

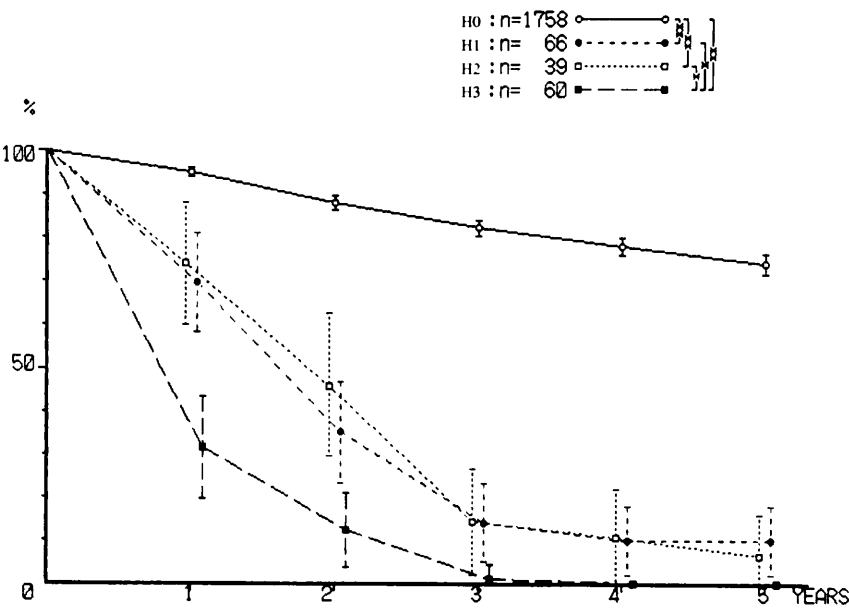


P=0.01 * P=0.05

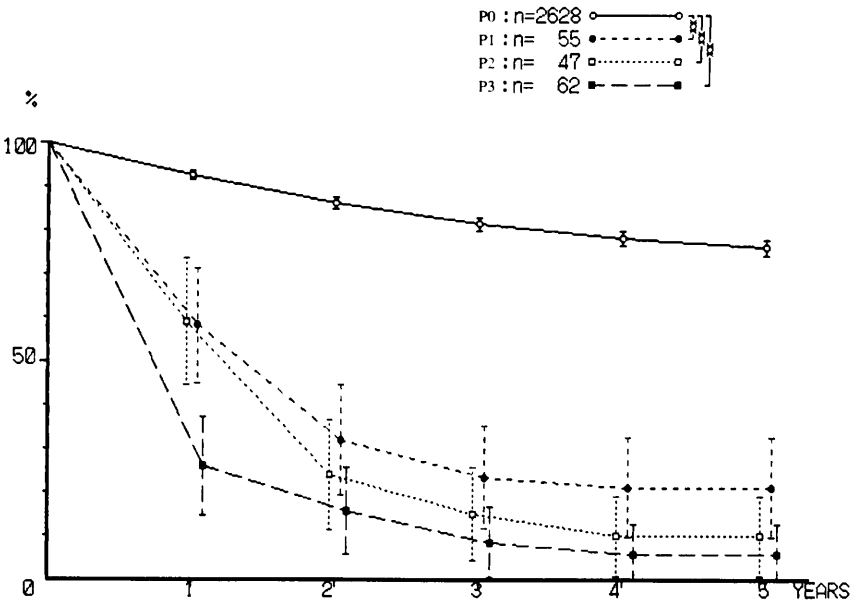
17-1 Hepatic metastasis
Colon.



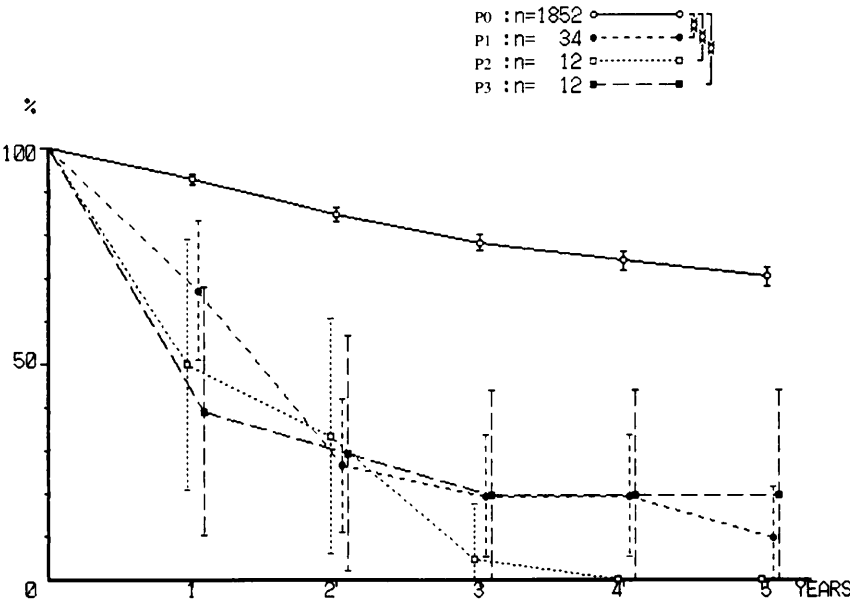
17-2 Hepatic metastasis
Rectum.



18-1 Peritoneal disseminating metastasis
Colon.

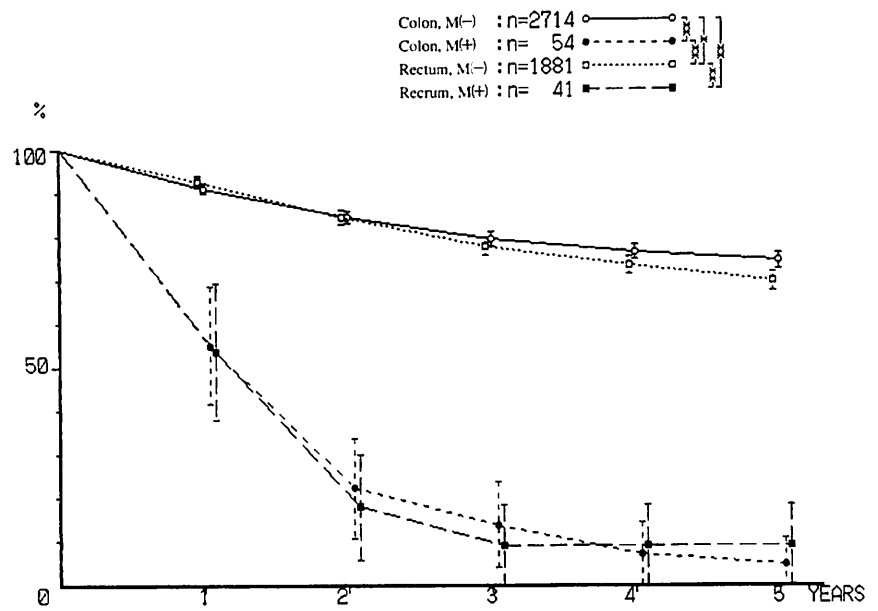


18-2 Peritoneal disseminating metastasis
Rectum.

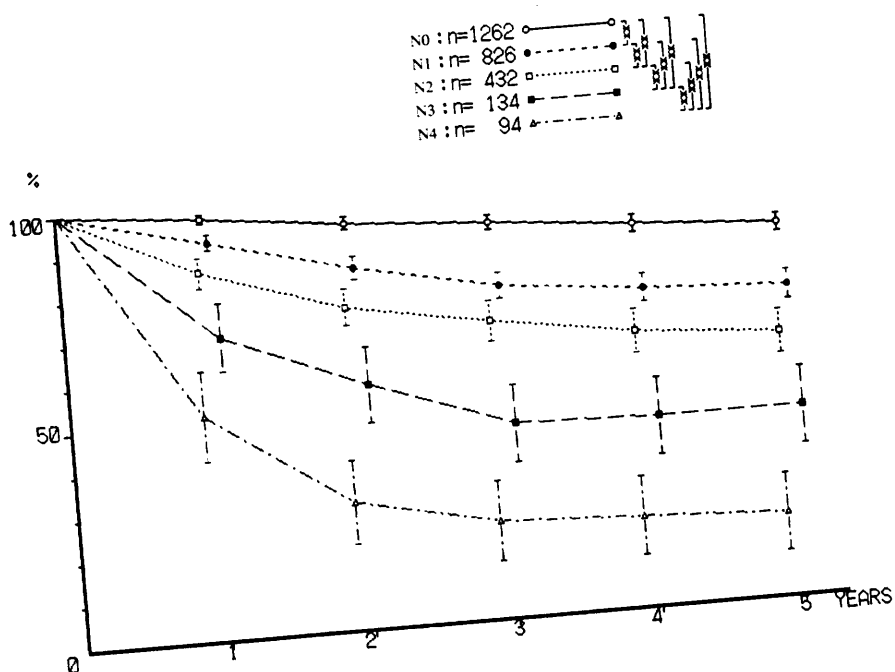


■ P=0.01 * P=0.05

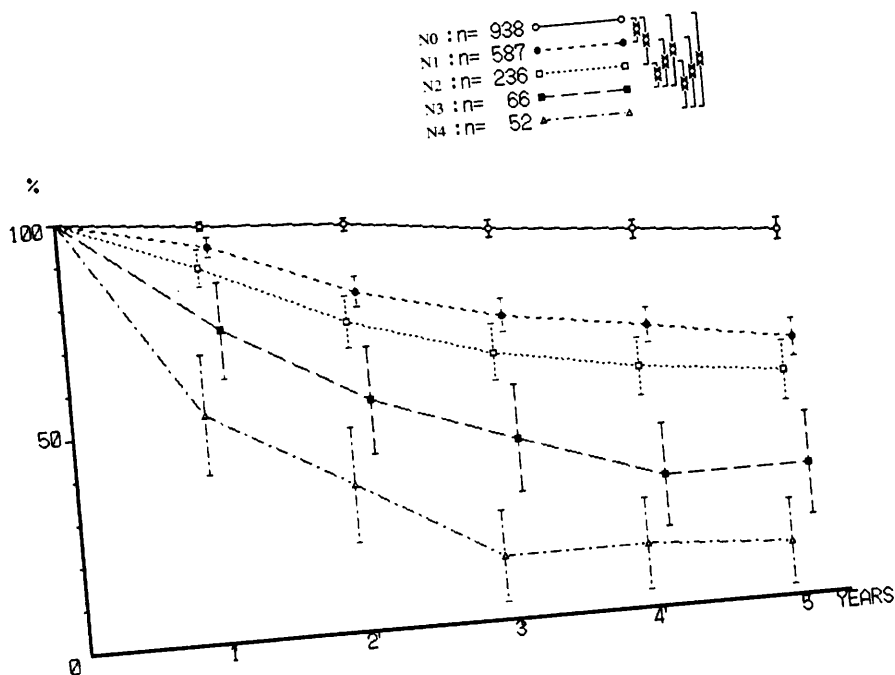
19-1, 2 Metastasis to remote organ.



20-1 Macroscopic lymph node metastasis.
Colon.

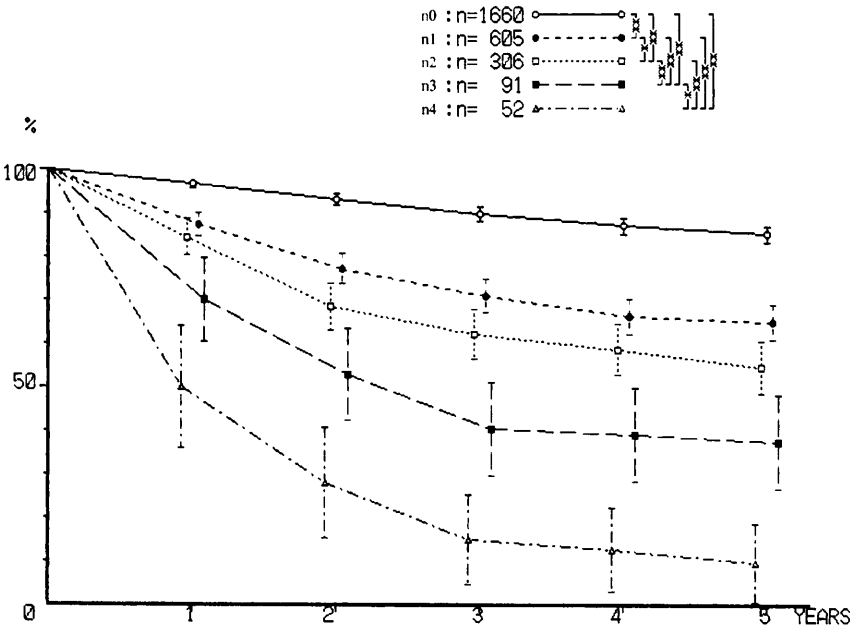


20-2 Macroscopic lymph node metastasis.
Rectum.

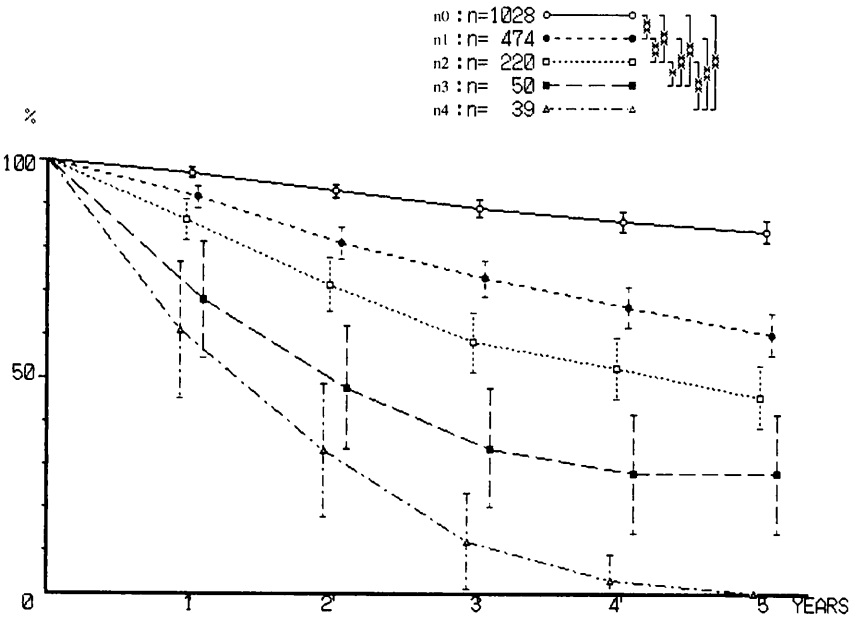


* P=0.01 * P=0.05

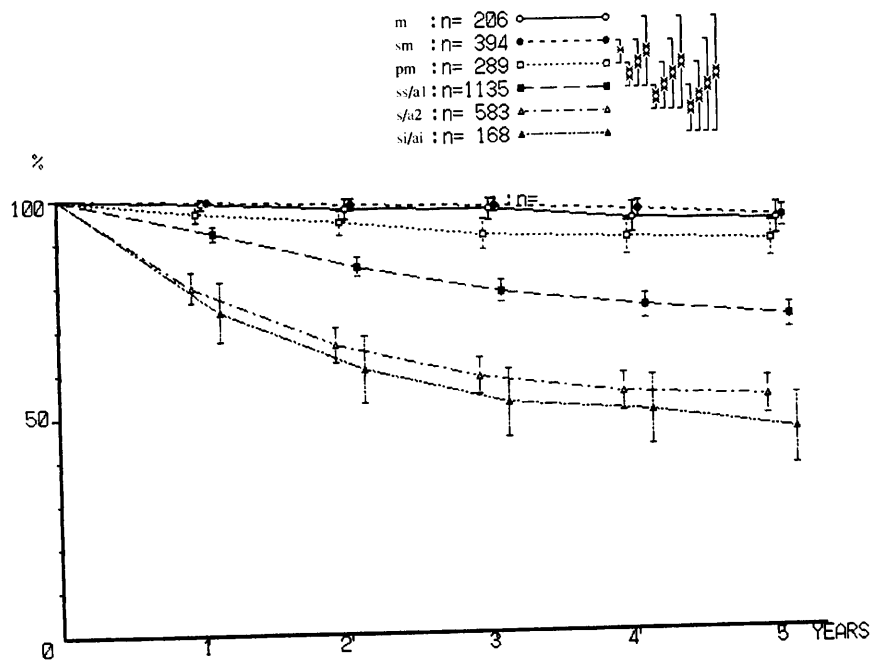
20-3 Histological lymph node
metastasis.
Colon.



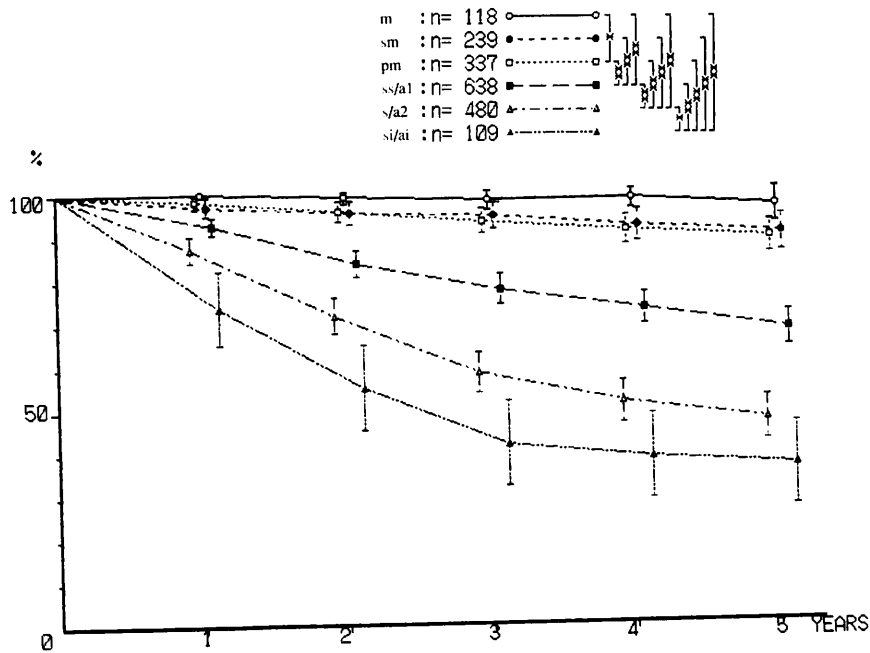
20-4 Histological lymph node
metastasis.
Rectum.



21-1 Histological depth of invasion.
Colon.

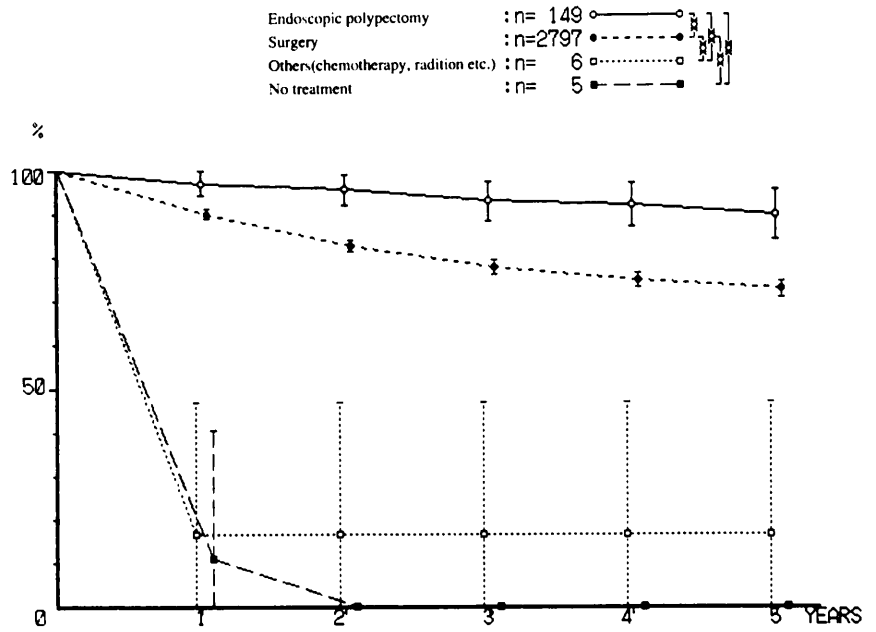


21-2 Histological depth of invasion.
Rectum.

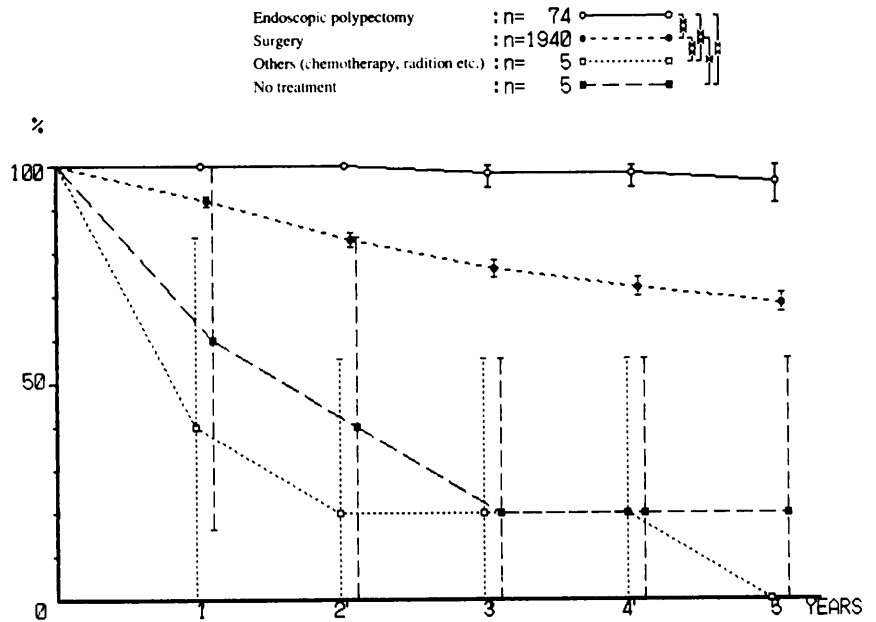


* P=0.01 * P=0.05

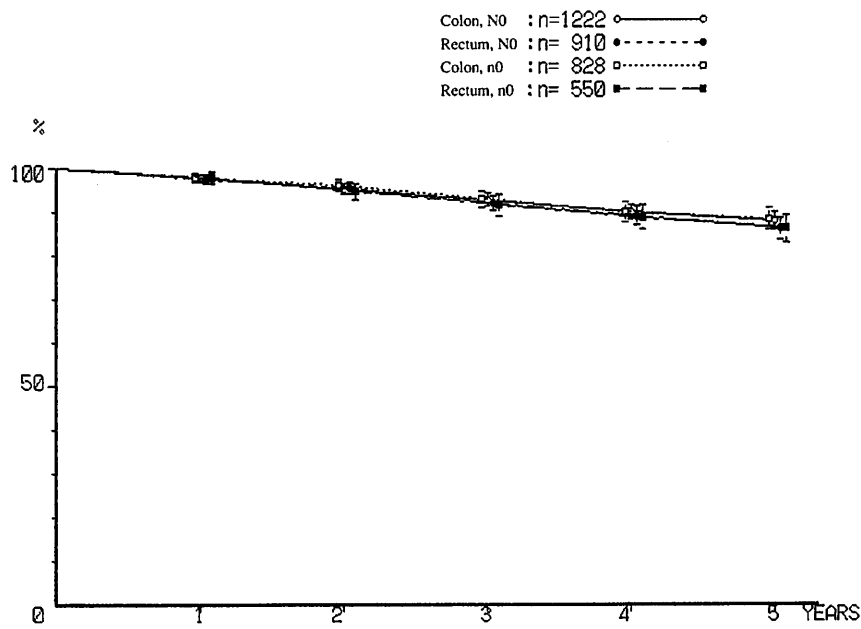
22-1 Modality of principal treatment.
Colon.



22-2 Modality of principal treatment.
Rectum.

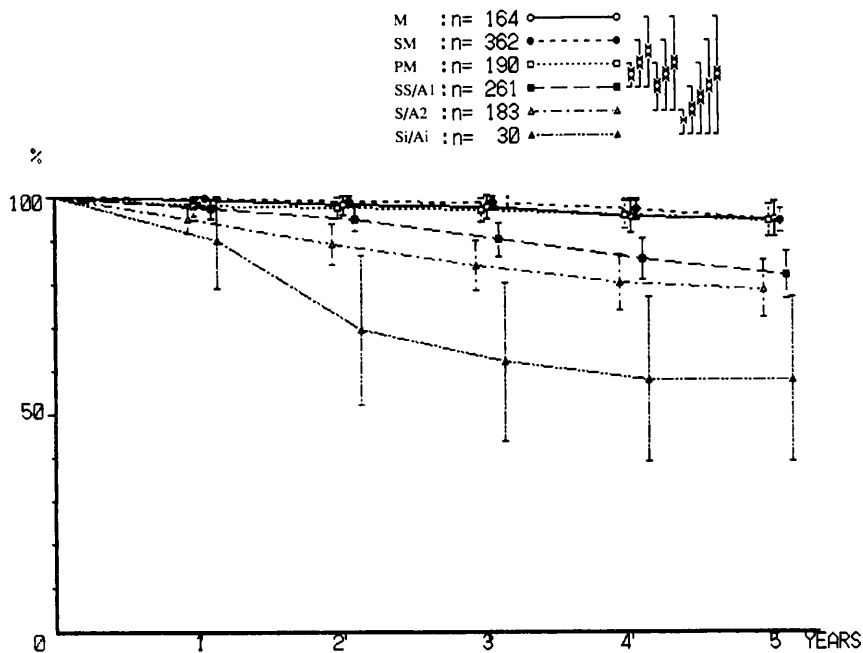


H0P0M(—)N0 or n0
Colon and Rectum.

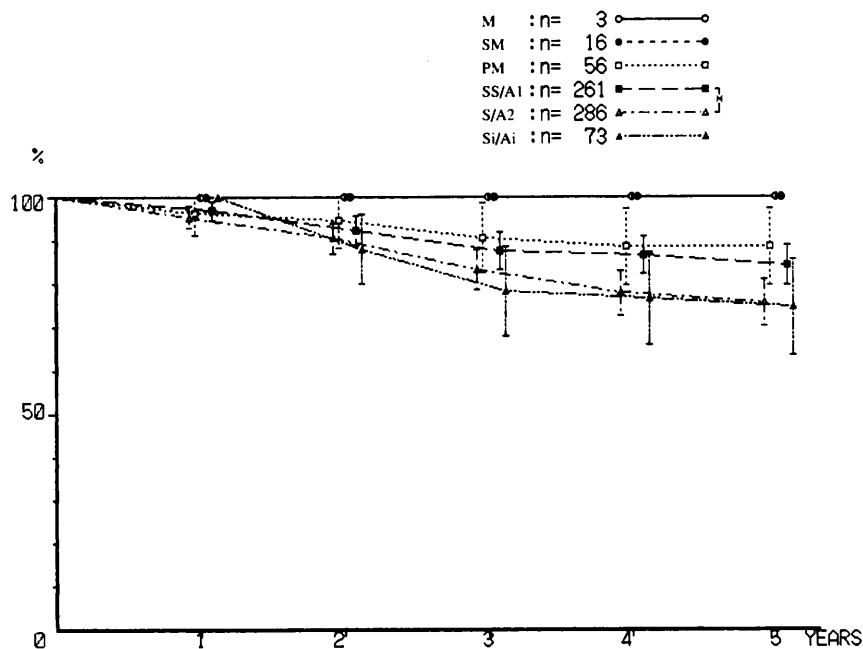


* P=0.01 * P=0.05

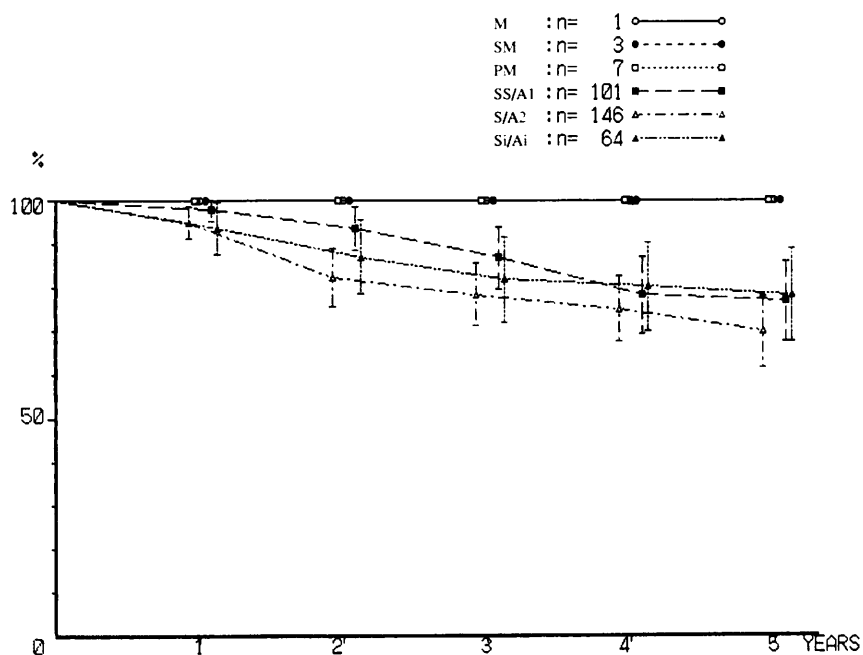
24-1 HOPOM(-)N0
Colon.



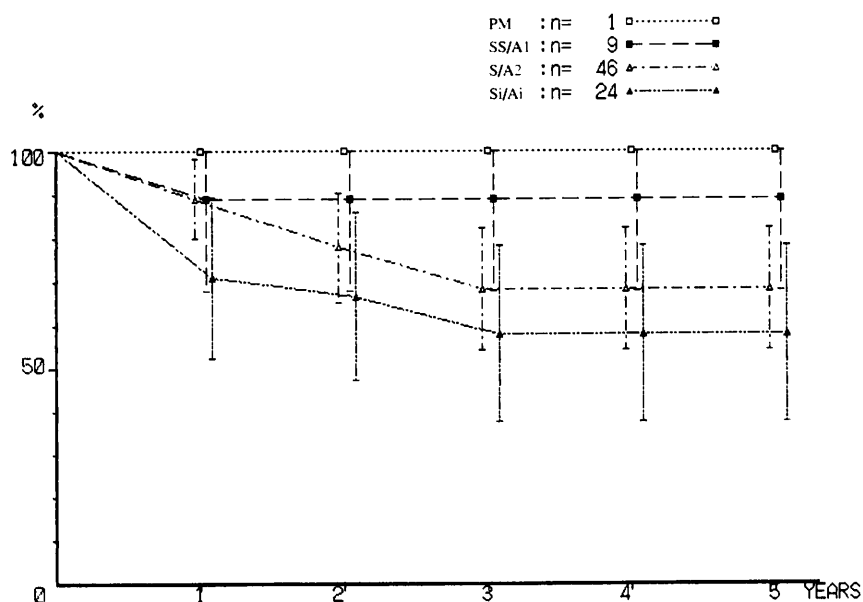
24-2 HOPOM(-)N1
Colon.



24-3 HOPOM(-)N2
Colon.

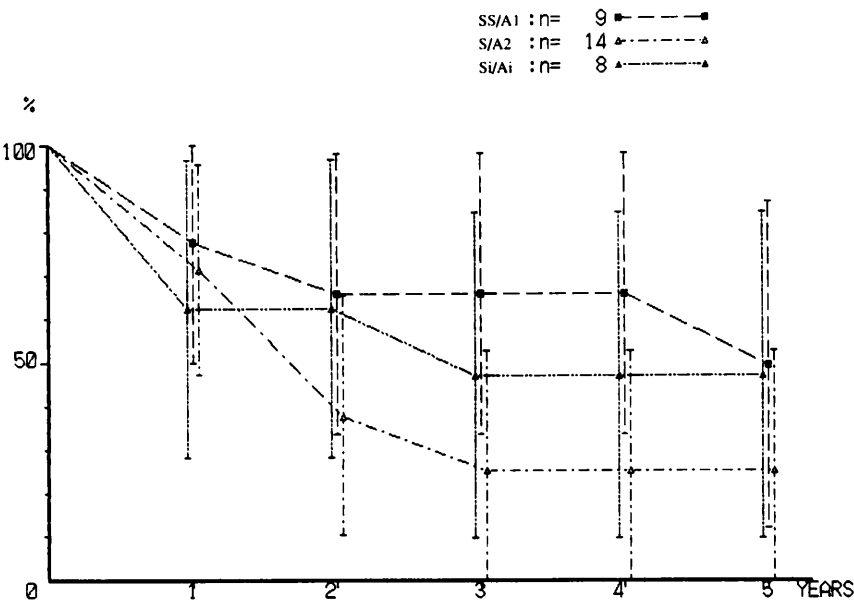


24-4 HOPOM(-)N3
Colon.

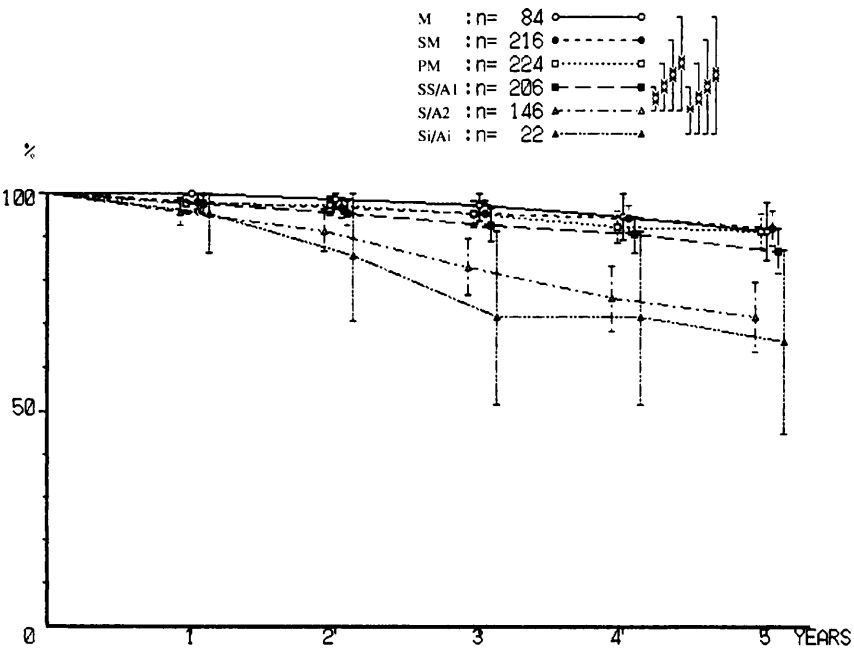


* P=0.01 * P=0.05

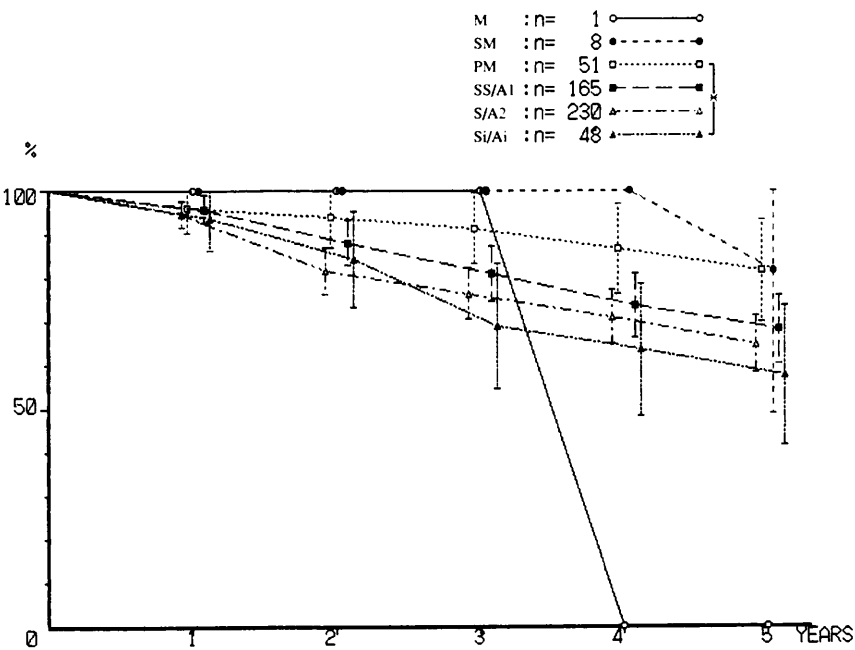
24-5 HOPOM(-)N4
Colon.



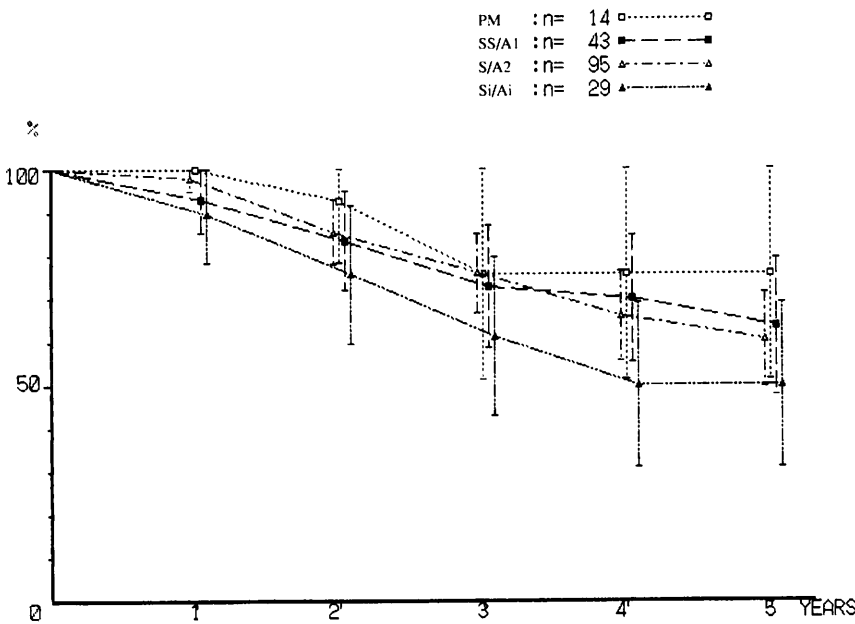
24-6 HOPOM(-)N0
Rectum.



24-7 HOPOM(-)N1
Rectum.

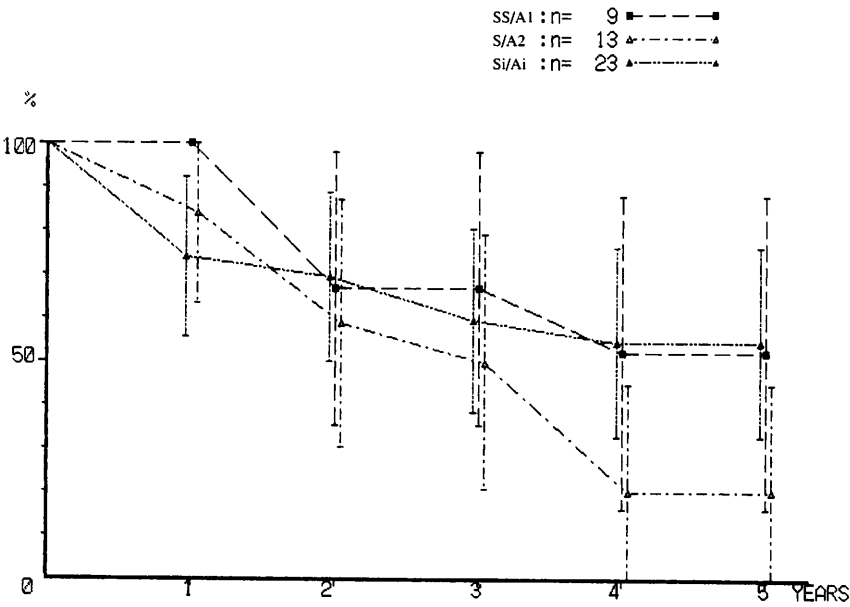


24-8 HOPOM(-)N2
Rectum.

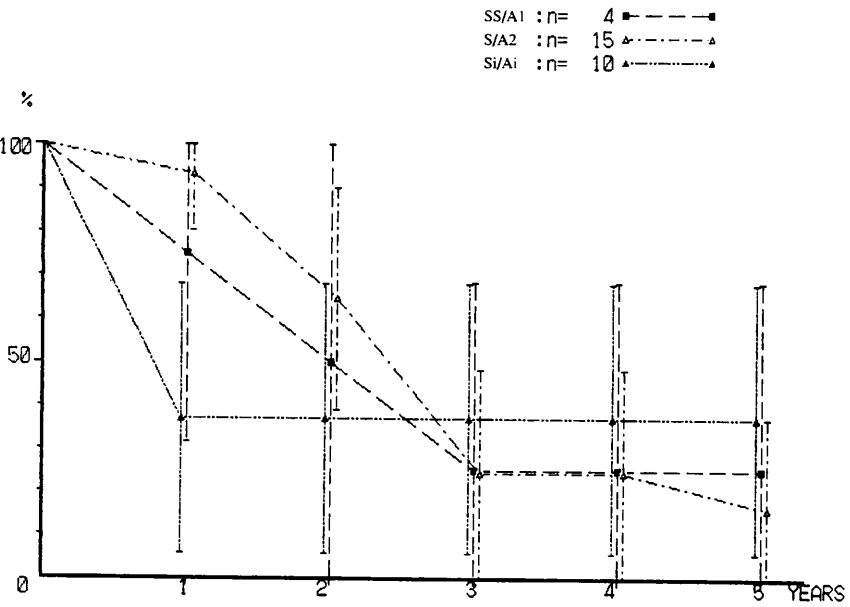


P=0.01 * P=0.05

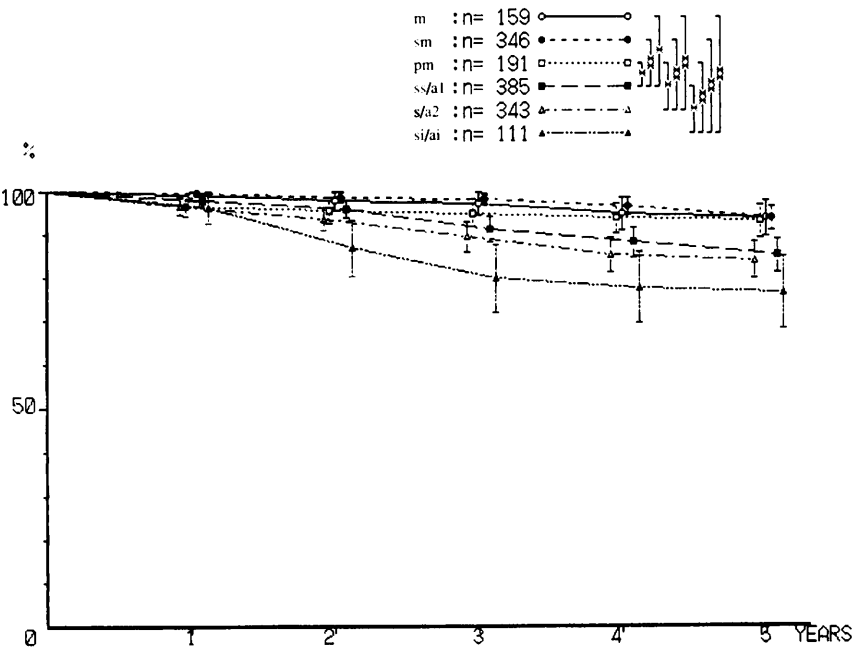
24-9 HOPOM(-)N3
Rectum.



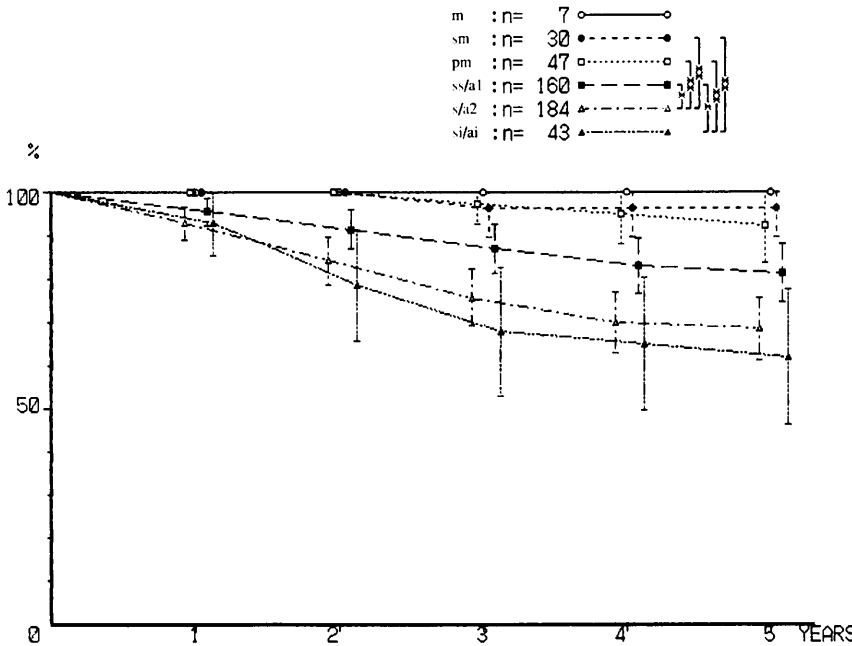
24-10 HOPOM(-)N4
Rectum.



25-1 HOP0M(-)n0
Colon.

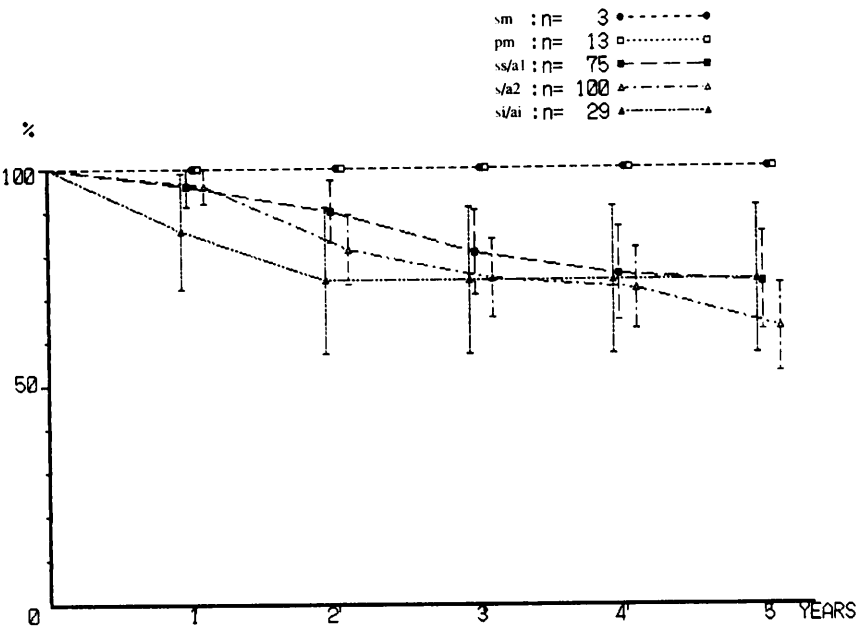


25-2 HOP0M(-)n1
Colon.

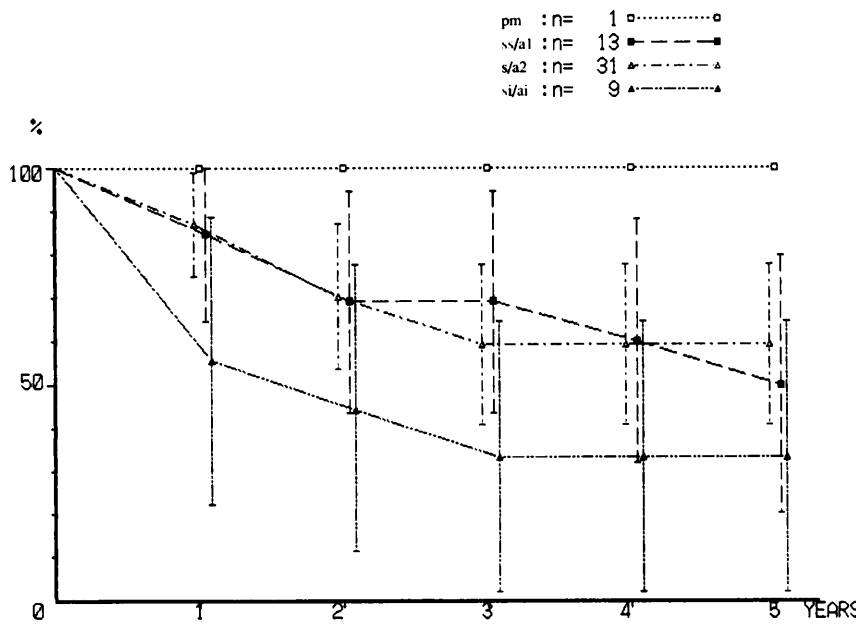


P=0.01 * P=0.05

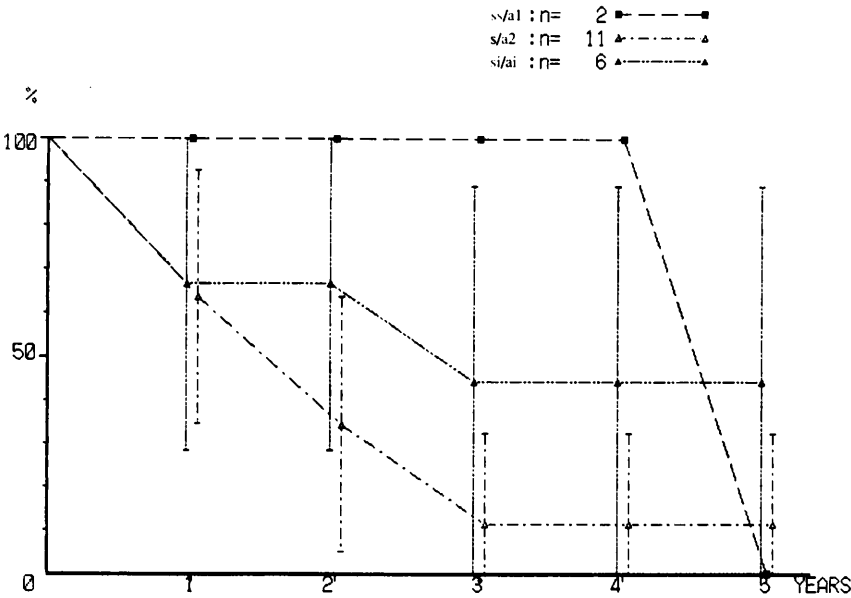
25-3 HOPOM(-)n2
Colon.



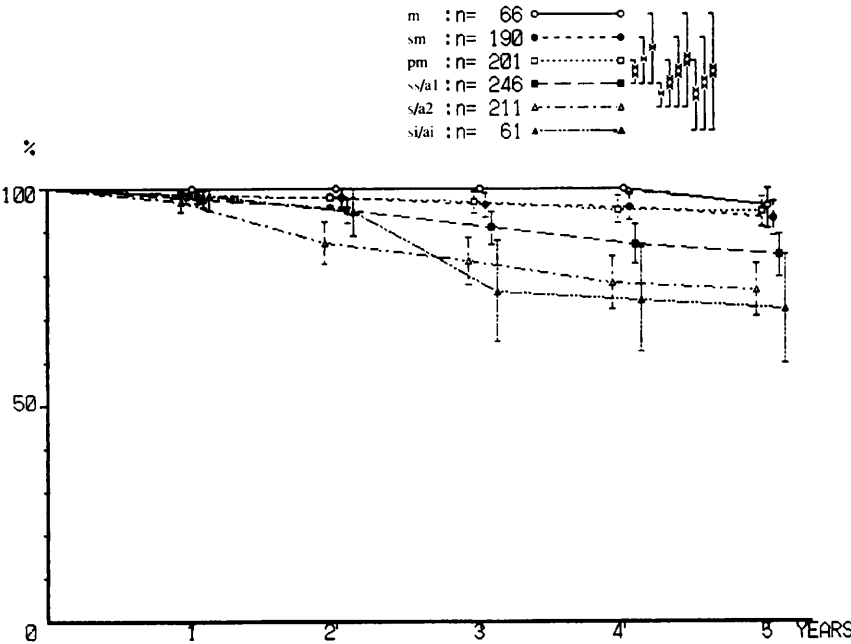
25-4 HOPOM(-)n3
Colon.



25-5 H0P0M(-)n4
Colon.

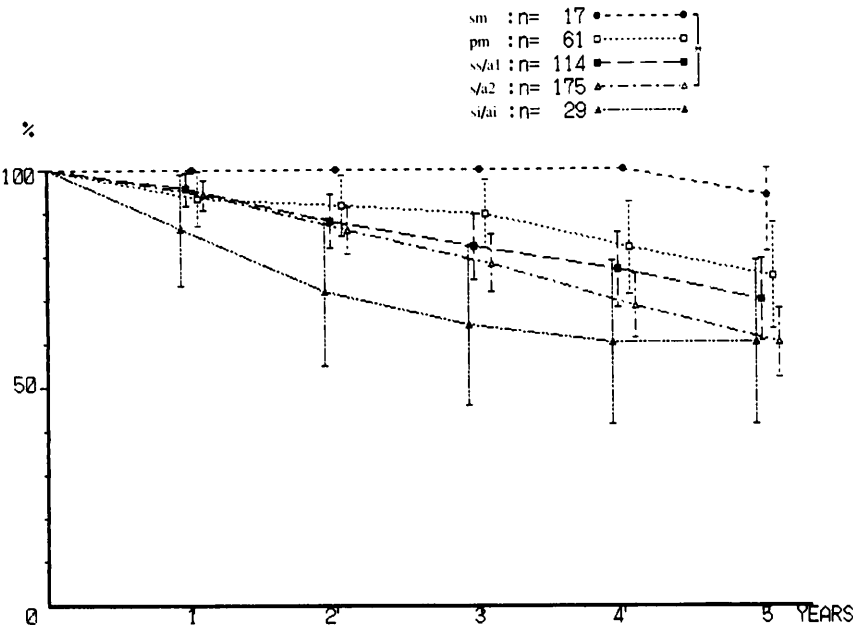


25-6 H0P0M(-)n0
Rectum.

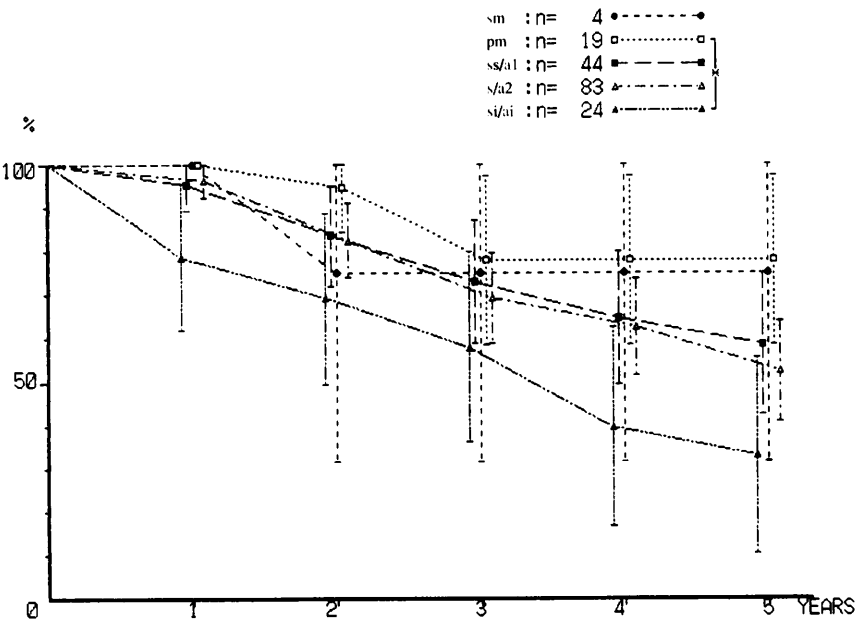


* P=0.01 * P=0.05

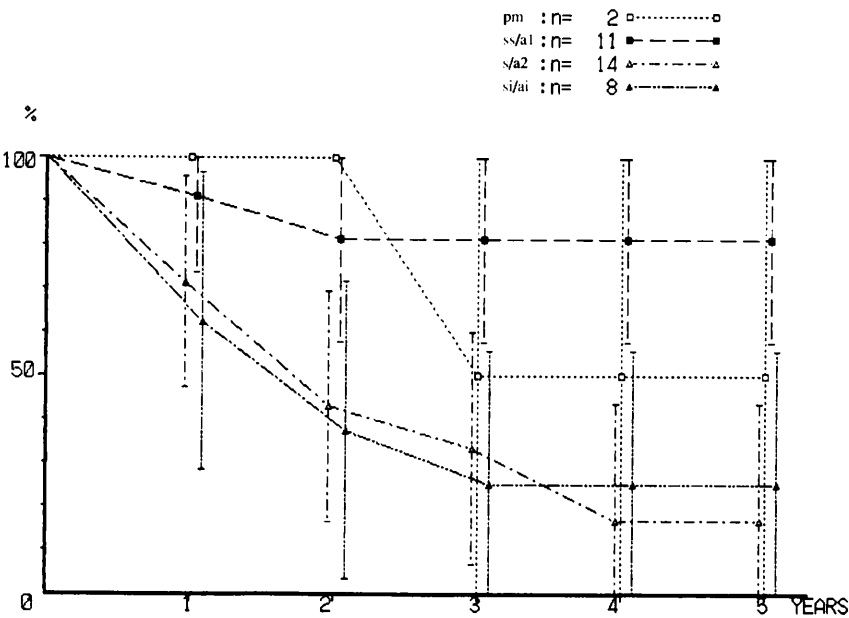
25-7 HOPOM(-)n1
Rectum.



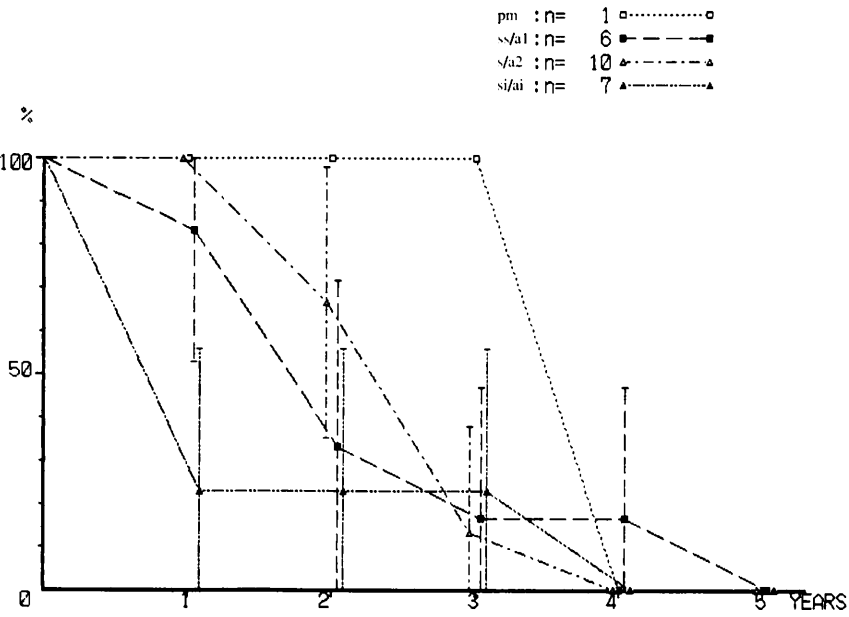
25-8 HOPOM(-)n2
Rectum.



25-9 HOPOM(-)n3
Rectum.

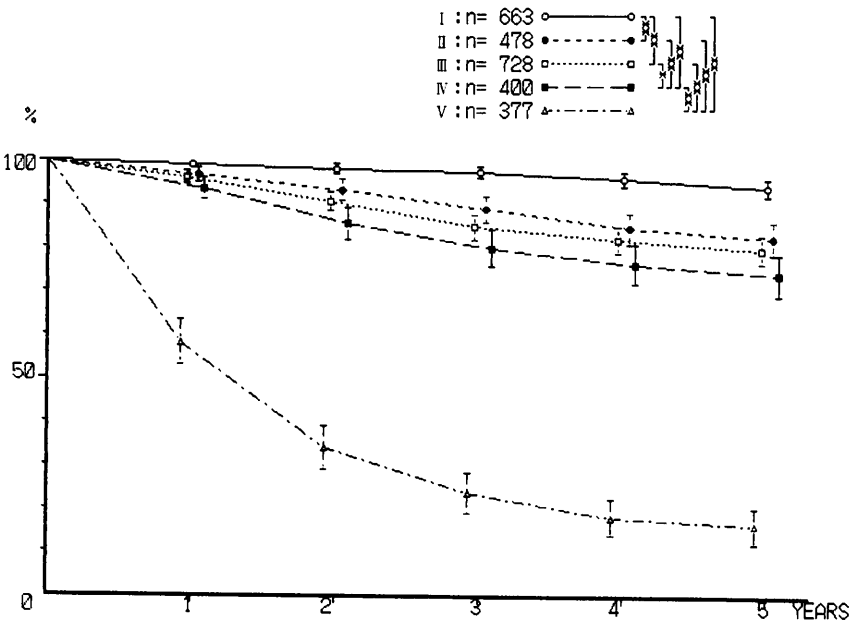


25-10 HOPOM(-)n4
Rectum.

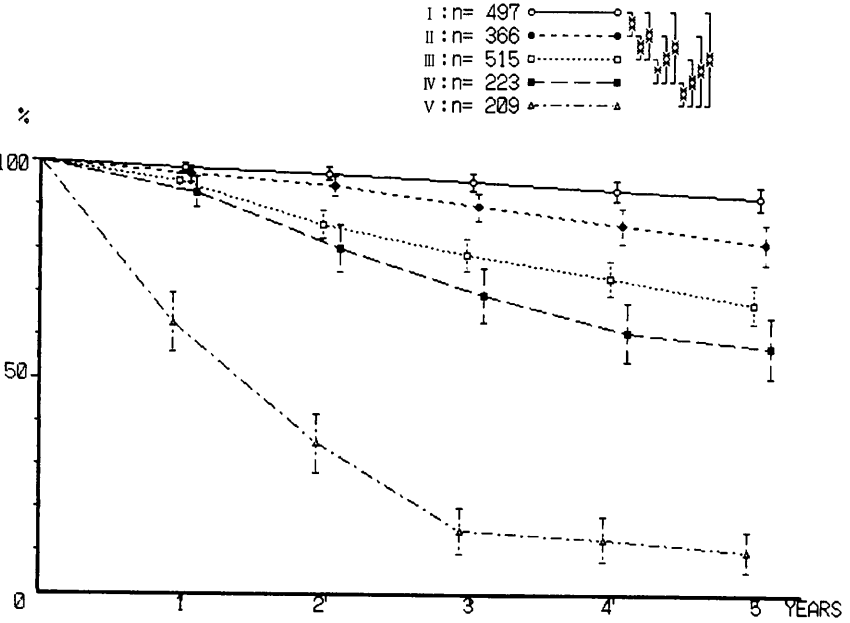


✱ P=0.01 ✱ P=0.05

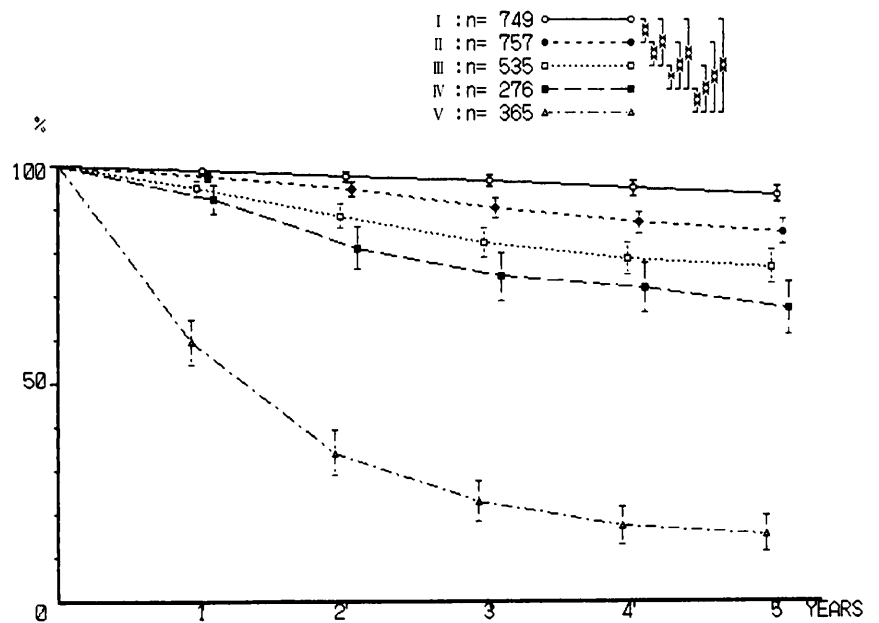
26-1 Clinical stage,
JSCCR
Colon.



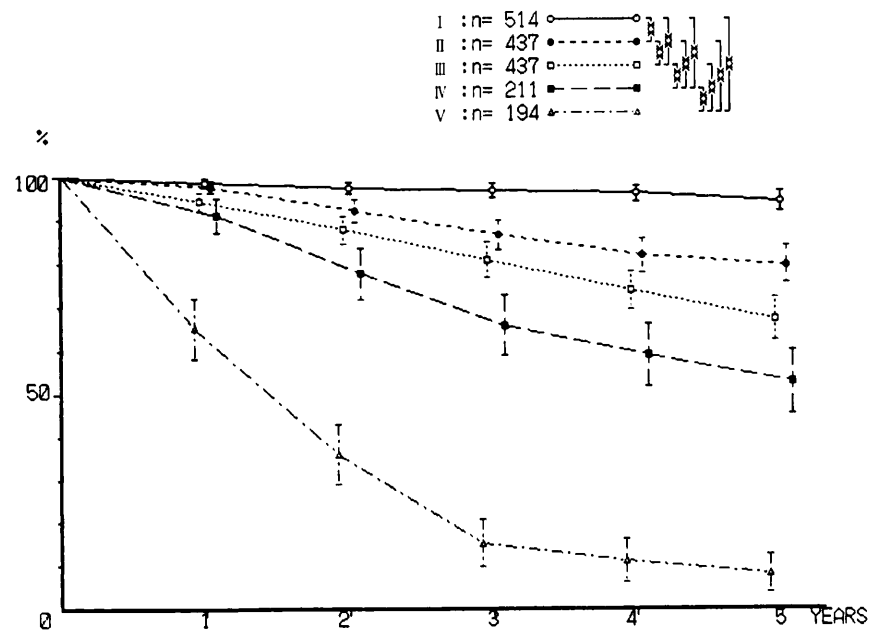
26-2 Clinical stage,
JSCCR
Rectum.



26-3 Histological stage,
JSCCR
Colon.

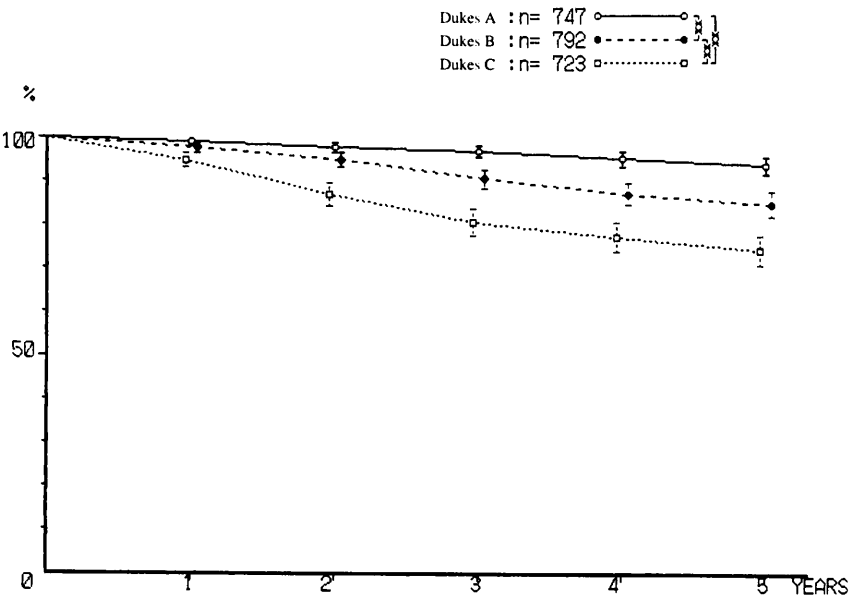


26-4 Histological stage,
JSCCR
Rectum.

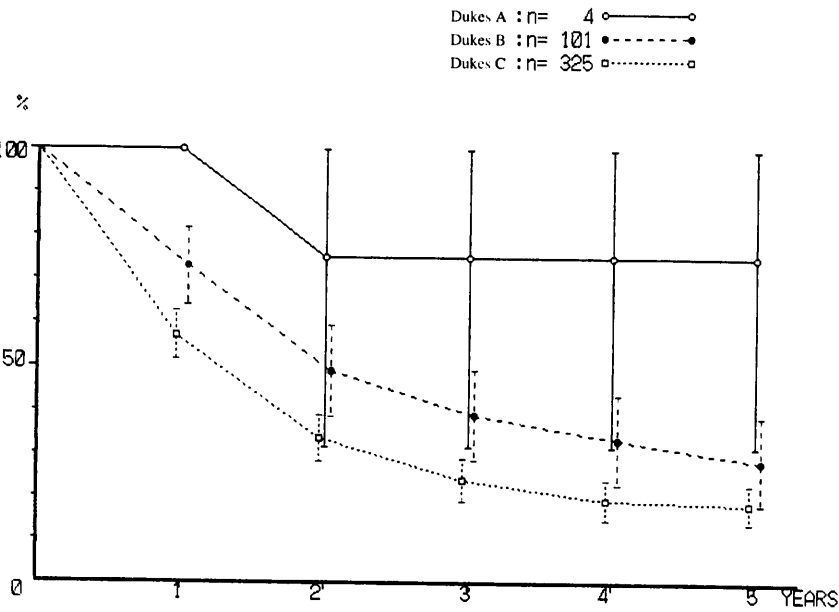


* P=0.01 * P=0.05

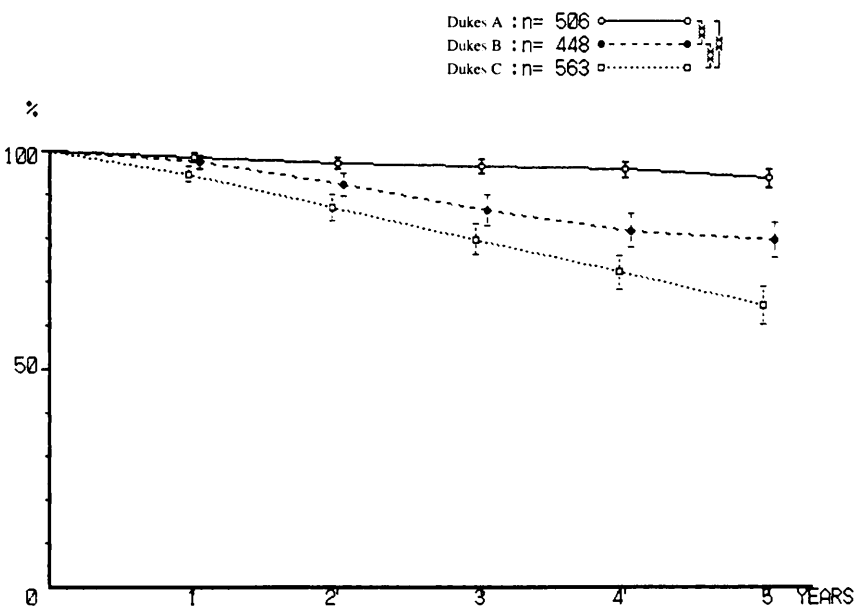
27-1 Dukes.
Curative resection,
Colon.



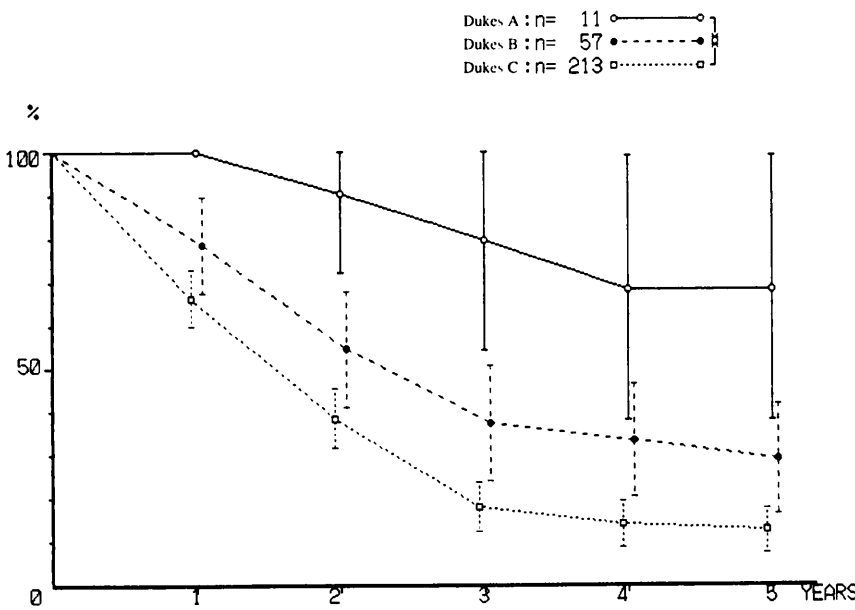
27-2 Dukes.
Non-curative resection,
Colon.



27-3 Dukes.
Curative resection,
Rectum.

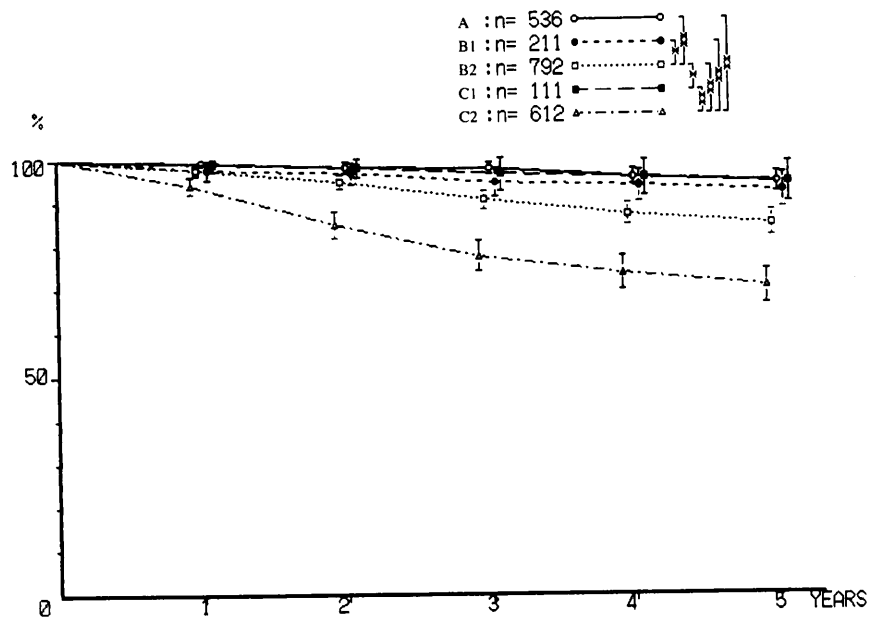


27-4 Dukes.
Non-curative resection,
Rectum.

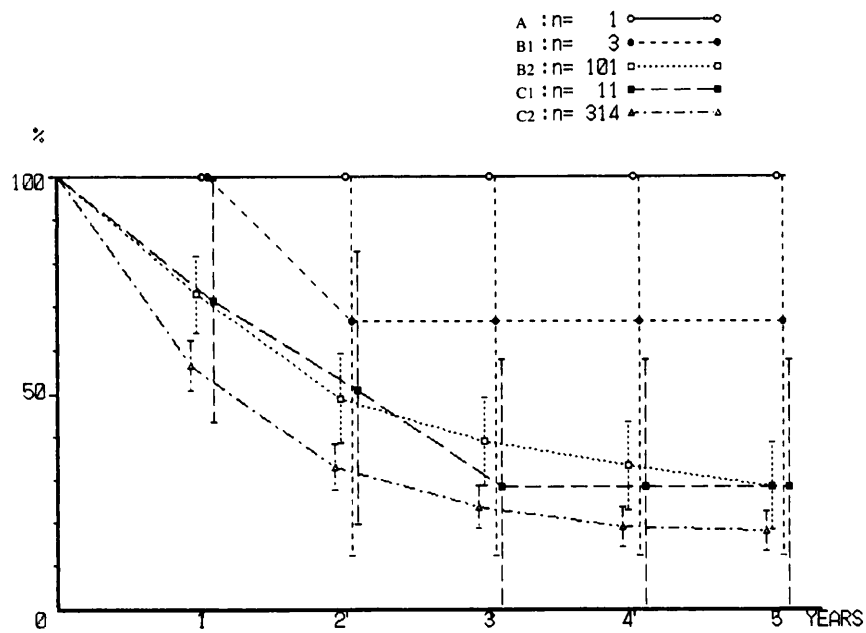


■ P=0.01 * P=0.05

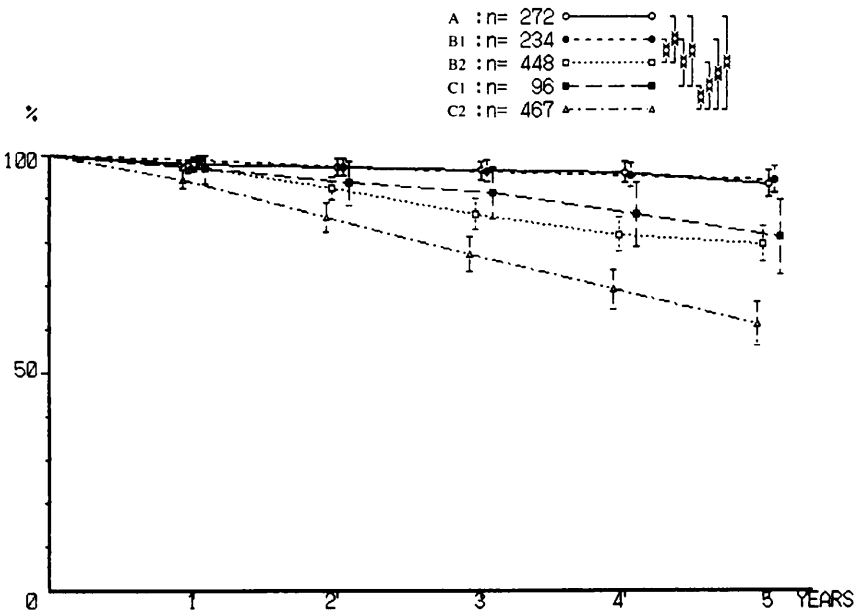
28-1 Astler-Coller.
Curative resection,
Colon.



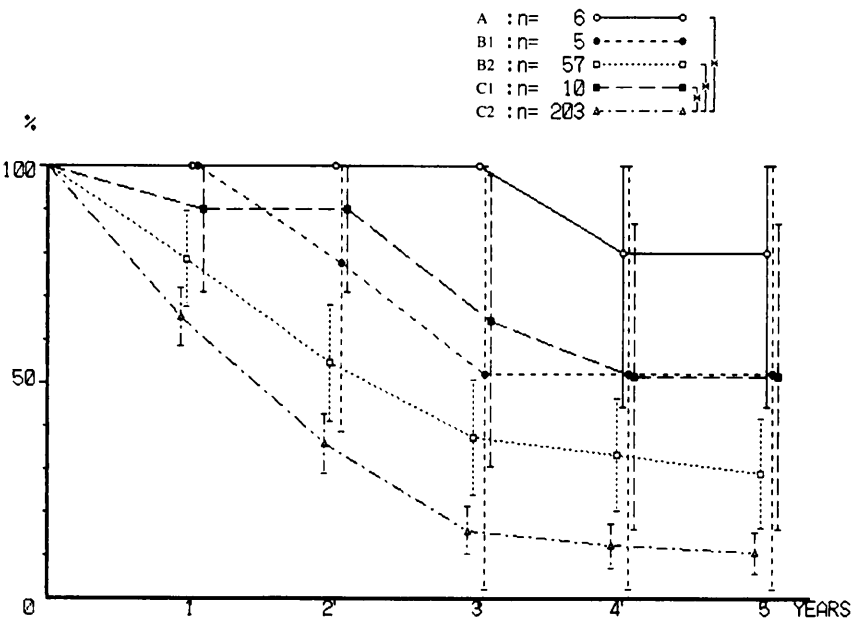
28-2 Astler-Coller.
Non-curative resection,
Colon.



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



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



* P=0.01 ** P=0.05

Multi-Institutional Registry of Large Bowel Cancer
in Japan

Vol. 23

Cases treated in 1994

2002年（平成14年）6月17日印刷

2002年（平成14年）7月5日発行

発 行 者

大腸癌研究会

事務局：東京大学医学部 腫瘍外科

〒113-8655 東京都文京区本郷7-3-1

T E L 03(5800)8653

全国登録委員会：栃木県立がんセンター

〒320-0834 宇都宮市陽南4-9-13

T E L 028(658)5151

印 刷

(株)松井ビ・テ・オ・印刷

〒321-0904 宇都宮市陽東5-9-21

T E L 028(662)2511
