

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

**Vol. 14
Cases treated in 1988**

Japanese Society for Cancer of the Colon and Rectum

Preface

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

In this series, of a total of 4,617 patients on file in 102 member institutes of JSCCR, 4,532 were found to have undergone initial treatment for histologically confirmed malignant neoplasms during the period from January 1 to December 31, 1988, and were available for analysis. All contents and items reported herein are identical to those of the previously published issues (i.e. from Vol. 1 through Vol. 4, Vol. 6 through Vol. 9, Vol. 11 and Vol. 13) .

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Japanese Society for Cancer of the Colon and Rectum

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1 Patients registered

Number of registered patients by institutes

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Aichi Cancer Center Hospital	GE Surg	110	110	63	47
Aomori City Hospital	Surg	60	60	28	32
Cancer Institute Hospital	Surg	80	79	36	43
Chiba Cancer Center	GI Surg	27	27	15	12
Coloproctology Center, Hidaka Hospital		40	38	22	16
Coloproctology Center, Social Insurance Central Hospital		100	98	59	39
Coloproctology Center, Takano Hospital		187	185	115	70
Dokkyo University School of Medicine	Surg I	26	26	11	15
Dokkyo University School of Medicine	Surg II	22	22	16	6
Faculty of Medicine, Kyushu University	Surg II	21	21	12	9
Faculty of Medicine, University of Tokyo	Surg I	37	37	24	13
Fujieda City, Shida Hospital	Surg	42	41	22	19
Fujita Health University School of Medicine	Surg (Miura)	14	12	10	2
Fukui Medical School	Surg I	27	27	17	10
Fukui Prefectural Hospital	Surg	94	91	41	50
Fukuoka University, Tsukushi Hospital	Surg	42	41	23	18
Fukushima Medical College	Surg I	19	19	9	10
Fukushima Medical College	Surg II	7	7	4	3
Gifu University School of Medicine	Surg I	29	29	17	12
Gunma Cancer Center	Surg	33	31	15	16
Hamamatsu Medical Center		53	53	26	27
Hamamatsu University School of Medicine	Surg II	28	28	17	11
Hirosaki University, School of Medicine	Surg II	35	35	14	21
Hyogo Medical Center for Adults	GI	2	2	2	0
Institute of Gastroenterology, Tokyo Women's Medical College	Surg	101	99	70	29
Iwakuni National Hospital	Surg	42	40	25	15
Iwate Medical University, School of Medicine	Surg I	54	54	32	22
Iwate Medical University, School of Medicine	IM I	5	2	1	1
Jichi Medical School	GI Gen Surg	84	84	51	33
Kagawa Medical University	Surg I	18	17	12	5
Kanagawa Cancer Center	Surg IV	68	67	38	29
Kanazawa Medical University	Surg II	39	39	26	13
Kanto Rosai Hospital		34	34	21	13
Kariya General Hospital		33	33	16	17
Kasukabe City Hospital	Surg	38	37	16	21
Kawasaki Medical School	GE Surg	50	49	25	24
Kinki University School of Medicine	Surg I	66	65	44	21
Kitasato University, East Hospital	Surg	69	68	34	34
Kobe National Hospital		29	27	19	8
Kumamoto Municipal Hospital		47	47	32	15
Kurume University, School of Medicine	Surg I	79	79	57	22
Kyoto Prefectural University of Medicine	Surg II	18	18	7	11
Kyoto University, Faculty of Medicine	Surg I	44	40	27	13
Medical School, Nagoya City University	Surg I	30	29	17	12
Mito Kyodo General Hospital	Surg	31	30	20	10
Nagasaki University, School of Medicine	Surg I	48	48	25	23
National Cancer Center Hospital	Surg	152	149	95	54

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
National Defense Medical College	Surg I	70	70	46	24
National Kyushu Cancer Center	GE Surg	58	58	36	22
National Kyushu Medical Center Hospital		61	60	33	27
National Sapporo Hospital, Hokkaido Cancer Center	Surg	34	33	21	12
National Tochigi Hospital	Surg	20	20	16	4
Nihon University, School of Medicine	Surg III	41	40	23	17
Niigata University, School of Medicine	Surg I	39	37	22	15
Nippon Medical School	Surg I	77	76	47	29
Nogaki Hospital	Surg	7	7	2	5
Okayama 1st Red Cross Hospital	Surg	29	29	20	9
Okayama University, Medical School	Surg II	21	21	12	9
Oomoto Hospital		31	28	13	15
Osaka City University Medical School	Surg I	33	33	22	11
Osaka Medical College	Surg	58	58	34	24
Osaka National Hospital	Surg	129	129	81	48
Osaka Prefectural Hospital	GI Surg	47	45	20	25
Osaka Teishin Hospital	Surg	27	27	15	12
Osaka University Faculty of Medicine	Surg II	41	39	20	19
Red Cross Omiya Hospital	Surg	79	77	46	31
Red Cross Sendai Hospital	Surg	35	35	18	17
Research Institute for Radiation Biology and Medicine, Hiroshima University	Surg	27	27	16	11
Saga Prefectural Hospital, Koseikan		62	60	29	31
Saitama Medical Center	Surg II	23	22	12	10
Saitama Medical School	Surg II	22	21	12	9
Sapporo Social Insurance General Hospital	Surg	4	2	1	1
School of Medicine, Chiba University	Surg I	50	49	26	23
School of Medicine, Kitasato University	Surg	21	21	13	8
School of Medicine, Tokai University	Surg II	57	55	29	26
Sendai National Hospital	Surg	18	17	9	8
Shiga University of Medical Science	Surg I	23	23	16	7
Shikoku Cancer Center Hospital	Surg	45	45	27	18
Shimada Municipal Hospital	Surg	30	30	18	12
Shimane Medical University	Surg II	17	17	9	8
Showa University School of Medicine	Surg II	52	52	32	20
Social Insurance Saitama Central Hospital		27	27	14	13
Tachikawa Hospital	Surg	36	35	16	19
Teikyo University Hospital at Mizonokuchi	Surg	19	19	8	11
Teikyo University School of Medicine	Surg II	36	36	26	10
Teikyo University School of Medicine	Surg I	32	32	22	10
Terada Hospital	Surg	15	15	8	7
The 2nd Tokyo National Hospital	Surg	40	39	15	24
Tochigi Cancer Center		40	39	23	16
Toho University School of Medicine	Surg I	2	2	0	2
Tohoku University, School of Medicine	Surg I	37	35	22	13
Tokyo Kyosai Hospital		90	90	66	24
Tokyo Medical and Dental University, School of Medicine	Surg I	30	28	15	13
Tokyo Metropolitan Cancer Detection Center		3	3	2	1

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Tokyo Metropolitan Komagome Hospital	Surg	126	125	71	54
Tokyo Women's Medical College, Second Hospital	Surg	35	35	15	20
Toranomon Hospital	GI Surg	134	126	86	40
Tottori Prefectural Central Hospital	Surg	1	1	1	0
Tottori University, Faculty of Medicine	Surg I	48	47	26	21
Toyama Medical and Pharmaceutical University, Faculty of Medicine	Surg II	17	16	12	4
Yaizu Municipal Hospital	Surg	27	26	16	10
Yamagata Prefectural Central Hospital	Surg	120	119	66	53
Total		4,617	4,532	2,654	1,878

Cases with the following items omitted were excluded from analysis.

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

Abbreviation

GI:Gastrointestinal, GE: Gastroenterological, Gen: General, IM: Internal Medicine, Surg: Surgery

2 Patients analyzed

2-1 Histological type, site and sex

Histological type	Site	Total No.	Sex	
			Male	Female
Adenocarcinoma ^{a)}	Colon	2,417	1,355	1,062
	Rectum	2,055	1,262	793
Other malignancies ^{b)}	Colon	18	13	5
	Rectum	42	24	18
Total		4,532	2,654	1,878

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

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

2-2 Histological type, site and surgical treatment

Histological type	Site	Surgery ^{a)}			Total
		Yes		No	
Adenocarcinoma	Colon	2,413	[70] ^{b)}	4	2,417
	Rectum	2,054	[42]	1	2,055
	Total	4,467	[112]	5	4,472
Other malignancies	Colon	18	[0]	0	18
	Rectum	42	[1]	0	42
	Total	60	[1]	0	60
Total		4,527	[113]	5	4,532

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	11	0.2	5	6
Endoscopic polypectomy	113	2.5	70	43
Surgery	4,391	96.9	2,354	2,037
Cryosurgery	4	0.1	2	2
Electric cautery therapy	0		0	0
Radiation	0		0	0
Chemotherapy	11	0.2	4	7
Other modalities	2	0.04	0	2
Total	4,532	100	2,435	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	2	0	0	0	0	1	1	0	0
V	8	0	0	2	2	0	1	2	1
C	97	1	0	1	12	20	26	27	10
A	233	0	0	8	24	52	68	59	22
T	165	0	0	6	20	37	46	43	13
D	117	0	2	0	20	28	34	27	6
S	746	0	1	12	78	201	252	157	45
Colon	1,368	1	3	29	156	339	428	315	97
Rs	287	0	0	6	20	97	91	57	16
Ra	388	1	0	8	46	105	122	89	17
Rb	566	1	3	13	83	165	181	95	25
P	44	0	0	2	3	12	15	11	1
E	1	0	0	0	0	0	0	1	0
Rectum	1,286	2	3	29	152	379	409	253	59
Total	2,654	3	6	58	308	718	837	568	156

4-2 Female

Site	Total	Age							
		≤ 19	≤ 29	≤ 39	≤ 49	≤ 59	≤ 69	≤ 79	80≥
I	1	0	0	0	0	0	0	1	0
V	6	0	0	0	0	0	3	3	0
C	136	0	2	4	13	25	38	39	15
A	233	0	0	5	23	60	73	52	20
T	140	1	0	6	11	28	47	29	18
D	57	0	0	1	8	13	12	19	4
S	494	0	1	16	68	132	137	110	30
Colon	1,067	1	3	32	123	258	310	253	87
Rs	169	0	0	3	20	46	58	38	4
Ra	247	0	2	6	37	74	64	55	9
Rb	371	0	4	18	54	102	98	82	13
P	24	0	0	1	3	4	9	7	0
E	0	0	0	0	0	0	0	0	0
Rectum	811	0	6	28	114	226	229	182	26
Total	1,878	1	9	60	237	484	539	435	113

Colon: I, ileum; V, vermiform processus; A, ascending colon; T, transverse colon; D, descending colon; S, sigmoid colon.

Rectum: Rs, rectosigmoid; Ra, rectum above the peritoneal reflection; Rb, rectum below the peritoneal reflection; P, proctos; E, external skin.

5 Gross appearance of primary lesion

5-1 Adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Un classi- fied	Unknown
I	3	0	1	1	1	0	0	0
V	11	0	2	3	3	0	2	1
C	230	11	27	143	36	2	6	5
A	461	29	33	316	61	5	7	10
T	301	14	25	198	52	2	4	6
D	174	29	9	114	17	1	0	4
S	1,237	214	109	750	126	7	10	21
Colon	2,417	297	206	1,525	296	17	29	47
Rs	452	38	44	313	48	0	3	6
Ra	631	77	50	429	54	3	7	11
Rb	920	117	72	604	95	5	12	15
P	51	9	10	15	7	0	10	0
E	1	0	0	0	1	0	0	0
Rectum	2,055	241	176	1,361	205	8	32	32
Total	4,472	538	382	2,886	501	25	61	79

5-2 Malignant neoplasms other than adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Un classi- fied	Unknown
I	0	0	0	0	0	0	0	0
V	3	0	0	1	0	0	0	2
C	3	0	1	0	1	0	0	1
A	5	0	0	4	0	0	0	1
T	4	1	1	2	0	0	0	0
D	0	0	0	0	0	0	0	0
S	3	0	0	2	0	1	0	0
Colon	18	1	2	9	1	1	0	4
Rs	4	1	0	1	0	0	1	1
Ra	4	1	1	1	0	0	0	1
Rb	17	6	2	6	2	0	0	1
P	17	0	3	5	5	0	4	0
E	0	0	0	0	0	0	0	0
Rectum	42	8	6	13	7	0	5	3
Total	60	9	8	22	8	1	5	7

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	3	0	1	1	1	0	0
V	11	4	2	0	5	0	0
C	230	113	76	21	12	2	6
A	461	226	177	23	26	2	7
T	301	150	111	15	17	1	7
D	174	88	71	7	6	0	2
S	1,237	745	416	22	28	1	25
Colon	2,417	1,326	854	89	95	6	47
Rs	452	273	150	10	12	1	6
Ra	631	349	235	24	12	0	11
Rb	920	462	371	22	37	4	24
P	51	22	13	6	5	3	2
E	1	0	0	0	1	0	0
Rectum	2,055	1,106	769	62	67	8	43
Total	4,472	2,432	1,623	151	162	14	90

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	0	0	0	0	0	0	0	0	0	0	0
V	3	0	0	0	0	0	0	0	0	0	3
C	3	0	0	1	0	1	0	0	0	1	0
A	5	0	0	3	0	0	1	0	0	1	0
T	4	0	1	1	0	1	1	0	0	0	0
D	0	0	0	0	0	0	0	0	0	0	0
S	3	0	2	1	0	0	0	0	0	0	0
Colon	18	0	3	6	0	2	2	0	0	2	3
Rs	4	0	1	1	0	0	1	0	0	0	1
Ra	4	0	0	1	0	1	0	0	0	0	2
Rb	17	4	0	0	0	8	1	1	1	0	2
P	17	14	3	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0
Rectum	42	18	4	2	0	9	2	1	1	0	5
Total	60	18	7	8	0	11	4	1	1	2	8

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	1	1	0	0	0	0
V	6	3	0	0	2	0	1
C	93	53	14	6	17	3	0
A	226	126	31	11	51	4	3
T	160	108	21	7	21	3	0
D	110	76	8	3	22	1	0
S	708	477	55	29	134	10	3
Colon	1,305	844	130	56	247	21	7
Rs	280	188	25	11	51	3	2
Ra	368	258	31	13	61	4	1
Rb	544	368	59	17	77	15	8
P	36	23	2	4	4	1	2
E	1	1	0	0	0	0	0
Rectum	1,229	838	117	45	193	23	13
Total	2,534	1,682	247	101	440	44	20

7-2 Macroscopic, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	1	0	0	0	0	0
V	5	4	0	0	1	0	0
C	136	72	25	5	31	1	2
A	230	145	23	11	46	4	1
T	139	79	23	6	26	5	0
D	56	30	7	2	16	1	0
S	471	328	35	15	80	6	7
Colon	1,038	659	113	39	200	17	10
Rs	166	118	13	2	27	3	3
Ra	243	166	19	15	34	5	4
Rb	359	241	49	14	44	8	3
P	15	8	2	2	3	0	0
E	0	0	0	0	0	0	0
Rectum	783	533	83	33	108	16	10
Total	1,821	1,192	196	72	308	33	20

7-3 Histological, male

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	2	0	2	0	0	0	0
V	6	3	0	0	2	0	1
C	93	60	7	7	16	2	1
A	226	149	16	11	44	4	2
T	160	123	7	5	22	3	0
D	110	78	7	4	20	1	0
S	708	500	34	25	130	9	10
Colon	1,305	913	73	52	234	19	14
Rs	280	191	22	12	51	2	2
Ra	368	259	21	18	62	4	4
Rb	544	390	37	16	80	14	7
P	36	23	1	3	6	1	2
E	1	1	0	0	0	0	0
Rectum	1,229	864	81	49	199	21	15
Total	2,534	1,777	154	101	433	40	29

7-4 Histological, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	1	0	0	0	0	0
V	5	5	0	0	0	0	0
C	136	88	7	6	32	0	3
A	230	154	15	10	44	4	3
T	139	91	11	6	24	5	2
D	56	34	4	2	15	1	0
S	471	343	26	18	74	6	4
Colon	1,038	716	63	42	189	16	12
Rs	166	121	11	3	25	3	3
Ra	243	163	20	18	34	5	3
Rb	359	238	49	19	43	8	2
P	15	10	1	2	2	0	0
E	0	0	0	0	0	0	0
Rectum	783	532	81	42	104	16	8
Total	1,821	1,248	144	84	293	32	20

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	0	0	0	0	0	0	0
A	5	4	1	0	0	0	0
T	2	2	0	0	0	0	0
D	8	6	2	0	0	0	0
S	55	42	7	0	1	0	5
Colon	70	54	10	0	1	0	5
Rs	6	3	3	0	0	0	0
Ra	19	16	1	0	0	0	2
Rb	17	15	0	0	0	0	2
P	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
Rectum	42	34	4	0	0	0	4
Total	112	88	14	0	1	0	9

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	3	3	0	0	0	0
V	11	10	1	0	0	0
C	229	201	10	4	13	1
A	456	393	19	10	32	2
T	299	269	10	6	13	1
D	166	138	8	9	11	0
S	1,179	998	51	32	87	11
Colon	2,343	2,012	99	61	156	15
Rs	446	383	13	18	28	4
Ra	611	521	33	20	33	4
Rb	903	791	32	26	28	26
P	51	44	1	1	4	1
E	1	1	0	0	0	0
Rectum	2,012	1,740	79	65	93	35
Total	4,355	3,752	178	126	249	50

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	3	3	0	0	0	0	0
V	11	11	0	0	0	0	0
C	229	200	0	10	10	8	1
A	456	406	1	14	16	16	3
T	299	274	0	8	7	9	1
D	166	146	0	8	9	3	0
S	1,179	1,083	0	39	27	22	8
Colon	2,343	2,123	1	79	69	58	13
Rs	446	419	0	12	4	8	3
Ra	611	575	0	19	6	4	7
Rb	903	844	1	16	3	7	32
P	51	48	0	1	0	0	2
E	1	1	0	0	0	0	0
Rectum	2,012	1,887	1	48	13	19	44
Total	4,355	4,010	2	127	82	77	57

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

10 Metastasis to remote organs

Adenocarcinoma, surgical cases

Site	Total	M(-)	M(+)	Unknown
I	3	3	0	0
V	11	11	0	0
C	229	221	8	0
A	456	425	25	6
T	299	291	5	3
D	166	162	1	3
S	1,179	1,136	26	17
Colon	2,343	2,249	65	29
Rs	446	432	8	6
Ra	611	578	20	13
Rb	903	868	19	16
P	51	48	2	1
E	1	1	0	0
Rectum	2,012	1,927	49	36
Total	4,355	4,176	114	65

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	3	0	1	2	0	0	0
V	11	5	4	1	1	0	0
C	229	46	71	68	25	13	6
A	456	112	142	114	41	39	8
T	299	84	96	61	38	14	6
D	166	57	65	27	8	5	4
S	1,179	470	363	195	49	54	48
Colon	2,343	774	742	468	162	125	72
Rs	446	178	157	66	18	16	11
Ra	611	253	214	80	30	16	18
Rb	903	384	258	146	40	28	47
P	51	24	6	8	5	4	4
E	1	1	0	0	0	0	0
Rectum	2,012	840	635	300	93	64	80
Total	4,355	1,614	1,377	768	255	189	152

11-2 Histological

Adenocarcinoma, surgical cases

Site	Total	n0	n1	n2	n3	n4	nx
I	3	1	0	1	1	0	0
V	11	8	0	1	2	0	0
C	229	116	46	32	16	7	12
A	456	238	80	68	29	20	21
T	299	170	52	35	15	9	18
D	166	98	41	14	1	3	9
S	1,179	669	273	118	25	17	77
Colon	2,343	1,300	492	269	89	56	137
Rs	446	242	106	51	12	11	24
Ra	611	316	143	81	22	14	35
Rb	903	465	171	137	29	14	87
P	51	25	6	9	2	4	5
E	1	1	0	0	0	0	0
Rectum	2,012	1,049	426	278	65	43	151
Total	4,355	2,349	918	547	154	99	288

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	3	0	0	0	1	2	0	0
V	11	0	0	0	1	2	5	3
C	229	9	4	8	40	99	61	8
A	456	12	16	17	123	200	73	15
T	299	9	6	10	83	137	52	2
D	166	5	16	6	26	71	36	6
S	1,179	56	104	84	259	452	179	45
Colon	2,343	91	146	125	533	963	406	79
Rs	446	9	26	42	97	209	45	18
Ra	611	29	41	60	159	248	60	14
Rb	903	51	64	138	238	270	116	26
P	51	4	4	8	8	12	12	3
E	1	0	0	0	1	0	0	0
Rectum	2,012	93	135	248	503	739	233	61
Total	4,355	184	281	373	1,036	1,702	639	140

- 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	3	0	0	1	0	2	0	0
V	11	0	0	1	3	2	3	2
C	229	8	5	16	93	83	18	6
A	456	16	11	28	202	162	30	7
T	299	8	7	15	145	96	19	9
D	166	5	14	10	71	53	12	1
S	1,179	59	115	122	450	338	74	21
Colon	2,343	96	152	193	964	736	156	46
Rs	446	22	21	56	169	156	16	6
Ra	611	34	39	82	207	216	24	9
Rb	903	67	63	187	227	275	61	23
P	51	4	6	12	9	11	6	3
E	1	0	0	1	0	0	0	0
Rectum	2,012	127	129	338	612	658	107	41
Total	4,355	223	281	531	1,576	1,394	263	87

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	712
Laparotomy only	12	Transversectomy	130
Enterostomy		Descending colectomy	54
ileum	1	Left colectomy	161
right colon	1	Sigmoidectomy	956
transverse colon	16	Subtotal colectomy	10
left colon	31	Total colectomy	5
unknown	0	Total colorectal resection	4
Intestinal by-pass	15	Sphincter-preserving operation	
Others	2	High anterior resection	289
Polypectomy		Low anterior resection	829
trans-abdominal	2	Posterior resection	2
trans-anal	35	Invagination method	2
trans-sacral	10	Pull-through procedure	22
trans-sphincteric	2	Abdominosacral resection	7
Tumorectomy		Hartmann's operation	118
trans-abdominal	6	Amputation of the rectum	
trans-anal	17	abdominoperineal	717
trans-sacral	9	abdominosacral	21
trans-sphincteric	0	sacroabdominal	11
Appendectomy	0	Total pelvic exenteration	37
Ileocecal resection	70	Others	13
Ascending colectomy	24	Unknown	2
		Total	4,355

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	2,343	1,629	136	94	423	35	26
	Operative deaths	27	8	3	6	7	2	1
	%	1.2	0.5	2.2	6.4	1.7	5.7	3.8
Rectum	No. of operations	2,012	1,396	162	91	303	37	23
	Operative deaths	22	10	0	1	8	3	0
	%	1.1	0.7		1.1	2.6	8.1	

14-2 Operative curability

Malignant neoplasms other than adenocarcinoma

		Total	Curative resection		Non-curative resection		Not resected	Unknown
			absolute	relative	relative	absolute		
Colon	No. of operations	18	10	1	0	4	2	1
	Operative deaths	1	0	0	0	0	1	0
	%	5.6					50	
Rectum	No. of operations	41	25	5	2	5	1	3
	Operative deaths	1	0	0	0	1	0	0
	%	2.4				20		0

14-3 Site of the tumor

Adenocarcinoma				Other malignancies			
	No. of operations	Operative deaths	%	No. of operations	Operative deaths	%	
I	3	0		0	0		
V	11	0		3	0		
C	229	1	0.4	3	1	33.3	
A	456	12	2.6	5	0		
T	299	4	1.3	4	0		
D	166	1	0.6	0	0		
S	1,179	9	0.8	3	0		
Colon	2,343	27	1.2	18	1	5.6	
Rs	446	4	0.9	4	0		
Ra	611	9	1.5	4	1	25.0	
Rb	903	9	1.0	16	0		
P	51	0		17	0		
E	1	0		0	0		
Rectum	2,012	22	1.1	41	1	2.4	
Total	4,355	49	1.1	59	2	3.4	

14-4 Surgical procedures

Adenocarcinoma

	No.of cases	No.of deaths	%		No.of cases	No.of deaths	%
Nonresection				Right colectomy	712	13	1.8
Laparotomy only	12	1	8.3	Transversectomy	130	1	0.8
Enterostomy				Descending colectomy	54	0	
ileum	1	0		Left colectomy	161	1	0.6
right colon	1	0		Sigmoidectomy	956	7	0.7
transverse colon	16	2	12.5	Subtotal colectomy	10	1	10.0
left colon	31	2	6.5	Total colectomy	5	0	
unknown	0	0		Total colorectal resection	4	0	
Intestinal by-pass	15	0		Sphincter-preserving operation			
Others	2	0		High anterior resection	289	1	0.3
Polypectomy				Low anterior resection	829	5	0.6
trans-abdominal	2	0		Posterior resection	2	0	
trans-anal	35	0		Invagination method	2	0	
trans-sacral	10	0		Pull-through procedure	22	0	
trans-sphincteric	2	0		Abdominosacral resection	7	0	
Tumorectomy				Hartmann's operation	118	3	2.5
trans-abdominal	6	0		Amputation of the rectum			
trans-anal	17	0		abdominoperineal	717	7	1.0
trans-sacral	9	0		abdominosacral	21	1	4.8
trans-sphincteric	0	0		sacroabdominal	11	0	
Appendectomy	0	0		Total pelvic exenteration	37	2	5.4
Ileocecal resection	70	1	1.4	Others	13	0	
Ascending colectomy	24	0	4.3	Unknown	2	1	50.0
				Total	4,355	49	1.1

Cumulative Survival Rate

15-1 Sex

Adenocarcinoma

Colon, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,289	173	68	0	86.2 ± 1.9	(88.2 - 84.3)
	1 - 2	1,048	126	24	0	75.7 ± 2.4	(78.2 - 73.3)
	2 - 3	898	76	28	0	69.2 ± 2.7	(71.9 - 66.6)
	3 - 4	794	40	32	0	65.7 ± 2.7	(68.4 - 62.9)
	4 - 5	722	35	41	0	62.4 ± 2.8	(65.2 - 59.6)
	5 -	646			646		
TOTAL		1,289	450	193	646		

Colon, female	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,026	144	47	0	85.6 ± 2.2	(87.9 - 83.4)
	1 - 2	835	77	18	0	77.7 ± 2.7	(80.3 - 75.0)
	2 - 3	740	54	19	0	71.9 ± 2.9	(74.8 - 69.0)
	3 - 4	667	35	33	0	68.0 ± 3.0	(71.1 - 65.0)
	4 - 5	599	20	33	0	65.7 ± 3.1	(68.8 - 62.6)
	5 -	546			546		
TOTAL		1,026	330	150	546		

Rectum, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,216	150	48	0	87.4 ± 1.9	(89.3 - 85.5)
	1 - 2	1,018	124	23	0	76.6 ± 2.5	(79.1 - 74.2)
	2 - 3	871	98	19	0	67.9 ± 2.7	(70.7 - 65.2)
	3 - 4	754	65	19	0	62.0 ± 2.9	(64.9 - 59.1)
	4 - 5	670	38	20	0	58.4 ± 2.9	(61.4 - 55.5)
	5 -	612			612		
TOTAL		1,216	475	129	612		

Rectum, female	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	777	68	26	0	91.1 ± 2.1	(93.2 - 89.0)
	1 - 2	683	80	10	0	80.4 ± 2.9	(83.2 - 77.5)
	2 - 3	593	60	16	0	72.1 ± 3.3	(75.4 - 68.8)
	3 - 4	517	26	18	0	68.4 ± 3.4	(71.8 - 65.0)
	4 - 5	473	33	23	0	63.5 ± 3.6	(67.1 - 59.9)
	5 -	417			417		
TOTAL		777	267	93	417		

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	13	5	1	0	60.0 ± 27.7	(87.7 - 32.3)
1 - 2	7	0	0	0	60.0 ± 27.7	(87.7 - 32.3)
2 - 3	7	0	0	0	60.0 ± 27.7	(87.7 - 32.3)
3 - 4	7	0	0	0	60.0 ± 27.7	(87.7 - 32.3)
4 - 5	7	2	0	0	42.9 ± 28.5	(71.3 - 14.4)
5 -	5			5		
TOTAL	13	7	1	5		

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	5	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	5	1	0	0	80.0 ± 35.8	(115.8 - 44.2)
2 - 3	4	1	1	0	57.1 ± 46.3	(103.5 - 10.8)
3 - 4	2	0	0	0	57.1 ± 46.3	(103.5 - 10.8)
4 - 5	2	0	0	0	57.1 ± 46.3	(103.5 - 10.8)
5 -	2			2		
TOTAL	5	2	1	2		

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	21	4	2	0	80.0 ± 17.9	(97.9 - 62.1)
1 - 2	15	1	0	0	74.7 ± 19.6	(94.3 - 55.0)
2 - 3	14	4	0	0	53.3 ± 22.8	(76.2 - 30.5)
3 - 4	10	0	1	0	53.3 ± 22.8	(76.2 - 30.5)
4 - 5	9	0	0	0	53.3 ± 22.8	(76.2 - 30.5)
5 -	9			9		
TOTAL	21	9	3	9		

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	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	16	2	0	0	87.5 ± 16.5	(104.0 - 71.0)
2 - 3	14	0	1	0	87.5 ± 16.5	(104.0 - 71.0)
3 - 4	13	2	0	0	74.0 ± 22.4	(96.5 - 51.6)
4 - 5	11	0	1	0	74.0 ± 22.4	(96.5 - 51.6)
5 -	10			10		
TOTAL	17	4	3	10		

16-1 Macroscopic 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	836	22	41	0	97.3 ± 1.1	(98.4 - 96.2)
1 - 2	773	35	14	0	92.9 ± 1.8	(94.7 - 91.0)
2 - 3	724	42	21	0	87.4 ± 2.4	(89.8 - 85.0)
3 - 4	661	25	28	0	84.0 ± 2.6	(86.7 - 81.4)
4 - 5	608	27	36	0	80.2 ± 2.9	(83.1 - 77.3)
5 -	545			545		
TOTAL	836	151	140	545		

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	128	13	9	0	89.5 ± 5.5	(95.0 - 84.0)
1 - 2	106	12	5	0	79.1 ± 7.5	(86.6 - 71.6)
2 - 3	89	10	3	0	70.1 ± 8.5	(78.6 - 61.5)
3 - 4	76	2	2	0	68.2 ± 8.7	(76.9 - 59.5)
4 - 5	72	1	4	0	67.2 ± 8.8	(76.0 - 58.4)
5 -	67			67		
TOTAL	128	38	23	67		

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	56	12	2	0	78.2 ± 11.1	(89.3 - 67.0)
1 - 2	42	11	2	0	57.2 ± 13.5	(70.8 - 43.7)
2 - 3	29	7	1	0	43.2 ± 13.8	(56.9 - 29.4)
3 - 4	21	4	2	0	34.5 ± 13.4	(48.0 - 21.1)
4 - 5	15	2	0	0	29.9 ± 13.1	(43.1 - 16.8)
5 -	13			13		
TOTAL	56	36	7	13		

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	242	108	15	0	53.9 ± 6.5	(60.5 - 47.4)
1 - 2	119	64	3	0	24.6 ± 5.8	(30.3 - 18.8)
2 - 3	52	17	3	0	16.3 ± 5.0	(21.3 - 11.3)
3 - 4	32	8	0	0	12.2 ± 4.5	(16.7 - 7.7)
4 - 5	24	5	1	0	9.6 ± 4.1	(13.7 - 5.5)
5 -	18			18		
TOTAL	242	202	22	18		

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	20	16	0	0	20.0 ± 17.9	(37.9 - 2.1)
1 - 2	4	3	0	0	5.0 ± 9.7	(14.7 - -4.7)
2 - 3	1	0	0	0	5.0 ± 9.7	(14.7 - -4.7)
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	20	20	0	0		

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	654	21	20	0	96.7 ± 1.4	(98.1 - 95.3)
1 - 2	613	24	13	0	92.9 ± 2.0	(94.9 - 90.9)
2 - 3	576	24	17	0	89.0 ± 2.5	(91.5 - 86.5)
3 - 4	535	17	27	0	86.1 ± 2.8	(88.9 - 83.3)
4 - 5	491	13	22	0	83.7 ± 3.0	(86.7 - 80.8)
5 -	456			456		
TOTAL	654	99	99	456		

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	109	8	8	0	92.4 ± 5.2	(97.6 - 87.2)
1 - 2	93	5	3	0	87.3 ± 6.6	(93.9 - 80.8)
2 - 3	85	6	1	0	81.1 ± 7.8	(89.0 - 73.3)
3 - 4	78	4	4	0	76.9 ± 8.5	(85.4 - 68.4)
4 - 5	70	3	6	0	73.4 ± 9.0	(82.4 - 64.4)
5 -	61			61		
TOTAL	109	26	22	61		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	39	5	2	0	86.8 ± 11.0	(97.8 - 75.9)
1 - 2	32	9	1	0	62.0 ± 16.0	(78.1 - 46.0)
2 - 3	22	5	0	0	47.9 ± 16.6	(64.6 - 31.3)
3 - 4	17	4	0	0	36.7 ± 16.1	(52.7 - 20.6)
4 - 5	13	1	0	0	33.8 ± 15.8	(49.6 - 18.0)
5 -	12			12		
TOTAL	39	24	3	12		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	197	95	15	0	49.9 ± 7.3	(57.1 - 42.6)
1 - 2	87	37	1	0	28.5 ± 6.7	(35.3 - 21.8)
2 - 3	49	17	1	0	18.5 ± 5.9	(24.4 - 12.7)
3 - 4	31	10	2	0	12.4 ± 5.0	(17.4 - 7.3)
4 - 5	19	3	3	0	10.2 ± 4.7	(15.0 - 5.5)
5 -	13			13		
TOTAL	197	162	22	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	17	13	2	0	18.8 ± 19.5	(38.3 - -0.8)
1 - 2	2	2	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	17	15	2	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 $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	832	36	27	0	95.6 $\pm$ 1.4	(97.0 - 94.2)
	1 - 2	769	52	18	0	89.1 $\pm$ 2.2	(91.3 - 86.9)
	2 - 3	699	60	13	0	81.3 $\pm$ 2.8	(84.1 - 78.6)
	3 - 4	626	45	15	0	75.4 $\pm$ 3.1	(78.5 - 72.3)
	4 - 5	566	29	18	0	71.5 $\pm$ 3.2	(74.7 - 68.3)
	5 -	519			519		
	TOTAL	832	222	91	519		

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	115	12	5	0	89.3 $\pm$ 5.8	(95.2 - 83.5)
	1 - 2	98	14	2	0	76.4 $\pm$ 8.1	(84.5 - 68.3)
	2 - 3	82	19	0	0	58.7 $\pm$ 9.5	(68.2 - 49.3)
	3 - 4	63	5	1	0	54.0 $\pm$ 9.6	(63.6 - 44.4)
	4 - 5	57	6	1	0	48.3 $\pm$ 9.6	(57.9 - 38.6)
	5 -	50			50		
	TOTAL	115	56	9	50		

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	44	5	1	0	88.5 $\pm$ 9.7	(98.2 - 78.8)
	1 - 2	38	9	1	0	67.3 $\pm$ 14.4	(81.6 - 52.9)
	2 - 3	28	3	1	0	59.9 $\pm$ 15.1	(75.0 - 44.8)
	3 - 4	24	6	0	0	44.9 $\pm$ 15.5	(60.4 - 29.4)
	4 - 5	18	1	0	0	42.4 $\pm$ 15.4	(57.9 - 27.0)
	5 -	17			17		
	TOTAL	44	24	3	17		

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	189	78	12	0	57.4 $\pm$ 7.3	(64.7 - 50.1)
	1 - 2	99	45	2	0	31.0 $\pm$ 7.0	(38.0 - 24.0)
	2 - 3	52	16	2	0	21.3 $\pm$ 6.3	(27.6 - 15.0)
	3 - 4	34	8	2	0	16.1 $\pm$ 5.7	(21.8 - 10.4)
	4 - 5	24	2	1	0	14.8 $\pm$ 5.5	(20.3 - 9.2)
	5 -	21			21		
	TOTAL	189	149	19	21		

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	24	18	1	0	23.4 $\pm$ 17.5	(40.9 - 5.9)
	1 - 2	5	3	0	0	9.4 $\pm$ 12.4	(21.8 - -3.0)
	2 - 3	2	0	0	0	9.4 $\pm$ 12.4	(21.8 - -3.0)
	3 - 4	2	1	0	0	4.7 $\pm$ 9.1	(13.8 - -4.4)
	4 - 5	1	0	0	0	4.7 $\pm$ 9.1	(13.8 - -4.4)
	5 -	1			1		
	TOTAL	24	22	1	1		

16-4 Macroscopic operative curability

Rectum, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	527	6	18	0	98.8 ± 0.9	(99.8 - 97.9)
1 - 2	503	25	6	0	93.9 ± 2.1	(96.0 - 91.8)
2 - 3	472	33	13	0	87.2 ± 3.0	(90.2 - 84.3)
3 - 4	426	19	13	0	83.3 ± 3.4	(86.6 - 79.9)
4 - 5	394	23	22	0	78.3 ± 3.7	(82.0 - 74.5)
5 -	349			349		
TOTAL	527	106	72	349		

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	83	12	1	0	85.5 ± 7.8	(93.2 - 77.7)
1 - 2	70	6	2	0	78.0 ± 9.2	(87.2 - 68.9)
2 - 3	62	7	1	0	69.1 ± 10.3	(79.4 - 58.9)
3 - 4	54	5	3	0	62.6 ± 10.9	(73.4 - 51.7)
4 - 5	46	3	1	0	58.4 ± 11.1	(69.6 - 47.3)
5 -	42			42		
TOTAL	83	33	8	42		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	33	2	1	0	93.8 ± 8.4	(102.3 - 85.4)
1 - 2	30	11	1	0	58.9 ± 17.5	(76.4 - 41.3)
2 - 3	18	5	1	0	42.0 ± 17.8	(59.9 - 24.2)
3 - 4	12	0	1	0	42.0 ± 17.8	(59.9 - 24.2)
4 - 5	11	3	0	0	30.6 ± 17.2	(47.8 - 13.4)
5 -	8			8		
TOTAL	33	21	4	8		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	108	35	4	0	67.0 ± 9.1	(76.1 - 57.8)
1 - 2	69	36	1	0	31.8 ± 9.2	(41.0 - 22.6)
2 - 3	32	14	1	0	17.7 ± 7.6	(25.2 - 10.1)
3 - 4	17	1	0	0	16.6 ± 7.4	(24.0 - 9.2)
4 - 5	16	4	0	0	12.5 ± 6.6	(19.1 - 5.8)
5 -	12			12		
TOTAL	108	90	6	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	12	1	0	27.3 ± 21.9	(49.2 - 5.3)
1 - 2	4	1	0	0	20.5 ± 20.2	(40.7 - 0.2)
2 - 3	3	0	0	0	20.5 ± 20.2	(40.7 - 0.2)
3 - 4	3	0	0	0	20.5 ± 20.2	(40.7 - 0.2)
4 - 5	3	0	0	0	20.5 ± 20.2	(40.7 - 0.2)
5 -	3			3		
TOTAL	17	13	1	3		

16-5 Histological operative curability

Colon, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	903	28	49	0	96.8 ± 1.2	(98.0 - 95.6)
1 - 2	826	43	13	0	91.7 ± 1.9	(93.6 - 89.9)
2 - 3	770	40	22	0	86.9 ± 2.3	(89.2 - 84.6)
3 - 4	708	27	30	0	83.5 ± 2.6	(86.1 - 80.9)
4 - 5	651	27	38	0	79.9 ± 2.8	(82.7 - 77.1)
5 -	586			586		
TOTAL	903	165	152	586		

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	73	6	7	0	91.4 ± 6.7	(98.1 - 84.6)
1 - 2	60	5	1	0	83.7 ± 9.0	(92.7 - 74.7)
2 - 3	54	11	3	0	66.2 ± 11.8	(78.0 - 54.4)
3 - 4	40	2	2	0	62.8 ± 12.1	(74.9 - 50.6)
4 - 5	36	0	2	0	62.8 ± 12.1	(74.9 - 50.6)
5 -	34			34		
TOTAL	73	24	15	34		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	51	14	2	0	72.0 ± 12.7	(84.7 - 59.3)
1 - 2	35	10	3	0	50.5 ± 14.5	(65.0 - 36.1)
2 - 3	22	8	1	0	31.7 ± 13.9	(45.6 - 17.8)
3 - 4	13	4	0	0	22.0 ± 12.6	(34.5 - 9.4)
4 - 5	9	2	0	0	17.1 ± 11.5	(28.6 - 5.5)
5 -	7			7		
TOTAL	51	38	6	7		

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	230	107	10	0	52.4 ± 6.7	(59.1 - 45.8)
1 - 2	113	64	4	0	22.2 ± 5.7	(27.9 - 16.5)
2 - 3	45	17	2	0	13.6 ± 4.8	(18.4 - 8.9)
3 - 4	26	6	0	0	10.5 ± 4.3	(14.8 - 6.2)
4 - 5	20	5	1	0	7.8 ± 3.8	(11.6 - 4.0)
5 -	14			14		
TOTAL	230	199	17	14		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	21	15	0	0	28.6 ± 19.7	(48.3 - 8.9)
1 - 2	6	3	0	0	14.3 ± 15.3	(29.6 - -1.0)
2 - 3	3	0	0	0	14.3 ± 15.3	(29.6 - -1.0)
3 - 4	3	1	0	0	9.5 ± 12.8	(22.3 - -3.3)
4 - 5	2	0	0	0	9.5 ± 12.8	(22.3 - -3.3)
5 -	2			2		
TOTAL	21	19	0	2		

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 ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	711	25	26	0	96.4 ± 1.4	(97.8 - 95.0)
	1 - 2	660	23	15	0	93.0 ± 1.9	(95.0 - 91.1)
	2 - 3	622	26	14	0	89.1 ± 2.4	(91.5 - 86.7)
	3 - 4	582	18	28	0	86.3 ± 2.7	(88.9 - 83.6)
	4 - 5	536	16	26	0	83.6 ± 2.9	(86.5 - 80.7)
	5 -	494			494		
	TOTAL	711	108	109	494		

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	60	4	5	0	93.0 ± 6.7	(99.8 - 86.3)
	1 - 2	51	7	2	0	80.0 ± 10.8	(90.8 - 69.2)
	2 - 3	42	2	3	0	76.1 ± 11.6	(87.7 - 64.4)
	3 - 4	37	3	2	0	69.7 ± 12.8	(82.5 - 57.0)
	4 - 5	32	1	2	0	67.5 ± 13.1	(80.6 - 54.4)
	5 -	29			29		
	TOTAL	60	17	14	29		

Relative non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	42	4	3	0	90.1 ± 9.4	(99.5 - 80.7)
	1 - 2	35	10	1	0	64.0 ± 15.4	(79.4 - 48.6)
	2 - 3	24	9	1	0	39.5 ± 16.0	(55.5 - 23.5)
	3 - 4	14	4	0	0	28.2 ± 14.9	(43.1 - 13.3)
	4 - 5	10	0	1	0	28.2 ± 14.9	(43.1 - 13.3)
	5 -	9			9		
	TOTAL	42	27	6	9		

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	186	96	11	0	46.8 ± 7.4	(54.2 - 39.4)
	1 - 2	79	35	0	0	26.1 ± 6.7	(32.7 - 19.4)
	2 - 3	44	14	1	0	17.7 ± 5.8	(23.5 - 11.8)
	3 - 4	29	9	3	0	11.9 ± 5.0	(16.9 - 6.9)
	4 - 5	17	3	3	0	9.6 ± 4.7	(14.3 - 4.9)
	5 -	11			11		
	TOTAL	186	157	18	11		

Not resected	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	20	13	2	0	31.6 ± 21.3	(52.9 - 10.3)
	1 - 2	5	2	0	0	18.9 ± 18.8	(37.8 - 0.1)
	2 - 3	3	0	0	0	18.9 ± 18.8	(37.8 - 0.1)
	3 - 4	3	1	0	0	12.6 ± 16.3	(28.9 - -3.6)
	4 - 5	2	0	0	0	12.6 ± 16.3	(28.9 - -3.6)
	5 -	2			2		
	TOTAL	20	16	2	2		

16-7 Histological operative curability

Rectum, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	859	38	30	0	95.5 ± 1.4	(96.9 - 94.1)
1 - 2	791	54	18	0	88.9 ± 2.2	(91.1 - 86.7)
2 - 3	719	60	15	0	81.4 ± 2.7	(84.1 - 78.7)
3 - 4	644	43	18	0	75.9 ± 3.0	(78.9 - 72.9)
4 - 5	583	30	17	0	71.9 ± 3.2	(75.1 - 68.7)
5 -	536			536		
TOTAL	859	225	98	536		

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	80	5	4	0	93.6 ± 5.5	(99.1 - 88.0)
1 - 2	71	8	1	0	83.0 ± 8.6	(91.6 - 74.4)
2 - 3	62	13	1	0	65.4 ± 11.0	(76.4 - 54.4)
3 - 4	48	5	0	0	58.6 ± 11.4	(70.0 - 47.2)
4 - 5	43	6	2	0	50.2 ± 11.7	(61.9 - 38.6)
5 -	35			35		
TOTAL	80	37	8	35		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	48	5	1	0	89.5 ± 8.9	(98.4 - 80.6)
1 - 2	42	14	1	0	59.3 ± 14.4	(73.7 - 44.9)
2 - 3	27	4	0	0	50.5 ± 14.7	(65.2 - 35.8)
3 - 4	23	5	0	0	39.5 ± 14.4	(53.9 - 25.1)
4 - 5	18	1	0	0	37.3 ± 14.3	(51.6 - 23.1)
5 -	17			17		
TOTAL	48	29	2	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	194	83	11	0	56.0 ± 7.2	(63.2 - 48.7)
1 - 2	100	44	1	0	31.2 ± 6.9	(38.1 - 24.3)
2 - 3	55	19	2	0	20.2 ± 6.0	(26.3 - 14.2)
3 - 4	34	12	1	0	13.0 ± 5.1	(18.1 - 7.9)
4 - 5	21	1	1	0	12.4 ± 5.0	(17.4 - 7.3)
5 -	19			19		
TOTAL	194	159	16	19		

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	27	18	1	0	32.1 ± 18.1	(50.2 - 13.9)
1 - 2	8	4	2	0	13.7 ± 14.3	(28.0 - -0.5)
2 - 3	2	0	0	0	13.7 ± 14.3	(28.0 - -0.5)
3 - 4	2	0	0	0	13.7 ± 14.3	(28.0 - -0.5)
4 - 5	2	0	0	0	13.7 ± 14.3	(28.0 - -0.5)
5 -	2			2		
TOTAL	27	22	3	2		

16-8 Histological 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	526	8	17	0	98.5 ± 1.1	(99.5 - 97.4)
1 - 2	501	24	8	0	93.7 ± 2.2	(95.9 - 91.5)
2 - 3	469	27	13	0	88.2 ± 2.9	(91.1 - 85.3)
3 - 4	429	20	13	0	84.1 ± 3.3	(87.3 - 80.8)
4 - 5	396	22	21	0	79.3 ± 3.7	(82.9 - 75.6)
5 -	353			353		
TOTAL	526	101	72	353		

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	81	8	0	0	90.1 ± 6.6	(96.8 - 83.5)
1 - 2	73	8	1	0	80.2 ± 8.9	(89.1 - 71.3)
2 - 3	64	13	2	0	63.6 ± 10.8	(74.4 - 52.8)
3 - 4	49	3	3	0	59.6 ± 11.1	(70.7 - 48.6)
4 - 5	43	4	2	0	53.9 ± 11.4	(65.3 - 42.6)
5 -	37			37		
TOTAL	81	36	8	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	42	5	3	0	87.7 ± 10.3	(98.0 - 77.3)
1 - 2	34	12	1	0	56.3 ± 16.0	(72.2 - 40.3)
2 - 3	21	5	0	0	42.9 ± 16.0	(58.9 - 26.8)
3 - 4	16	0	1	0	42.9 ± 16.0	(58.9 - 26.8)
4 - 5	15	3	0	0	34.3 ± 15.6	(49.9 - 18.7)
5 -	12			12		
TOTAL	42	25	5	12		

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	104	34	4	0	66.7 ± 9.3	(76.0 - 57.3)
1 - 2	66	34	0	0	32.3 ± 9.4	(41.7 - 23.0)
2 - 3	32	14	1	0	18.0 ± 7.7	(25.7 - 10.2)
3 - 4	17	2	0	0	15.8 ± 7.4	(23.2 - 8.5)
4 - 5	15	3	0	0	12.7 ± 6.8	(19.4 - 5.9)
5 -	12			12		
TOTAL	104	87	5	12		

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	12	1	0	31.4 ± 22.2	(53.6 - 9.2)
1 - 2	5	1	0	0	25.1 ± 21.0	(46.2 - 4.1)
2 - 3	4	0	0	0	25.1 ± 21.0	(46.2 - 4.1)
3 - 4	4	0	0	0	25.1 ± 21.0	(46.2 - 4.1)
4 - 5	4	1	0	0	18.9 ± 19.2	(38.0 - -0.3)
5 -	3			3		
TOTAL	18	14	1	3		

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	1,987	144	100	0	92.6 ± 1.2	(93.8 - 91.4)
	1 - 2	1,743	121	39	0	86.1 ± 1.6	(87.7 - 84.5)
	2 - 3	1,583	108	46	0	80.1 ± 1.8	(82.0 - 78.3)
	3 - 4	1,429	66	64	0	76.3 ± 2.0	(78.3 - 74.3)
	4 - 5	1,289	53	72	0	73.1 ± 2.1	(75.2 - 71.0)
	5 -	1,174			1,174		
	TOTAL	1,987	492	321	1,174		

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	98	31	0	0	68.4 ± 9.4	(77.8 - 59.0)
	1 - 2	67	34	2	0	33.1 ± 9.6	(42.7 - 23.6)
	2 - 3	31	12	0	0	20.3 ± 8.2	(28.6 - 12.1)
	3 - 4	19	4	1	0	15.9 ± 7.5	(23.5 - 8.4)
	4 - 5	14	1	2	0	14.7 ± 7.4	(22.0 - 7.3)
	5 -	11			11		
	TOTAL	98	82	5	11		

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	61	26	4	0	55.9 ± 12.9	(68.9 - 43.0)
	1 - 2	31	16	0	0	27.1 ± 11.8	(38.9 - 15.2)
	2 - 3	15	7	1	0	14.0 ± 9.4	(23.4 - 4.6)
	3 - 4	7	3	0	0	8.0 ± 7.5	(15.5 - 0.5)
	4 - 5	4	1	0	0	6.0 ± 6.6	(12.6 - -0.6)
	5 -	3			3		
	TOTAL	61	53	5	3		

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	154	108	10	0	27.5 ± 7.3	(34.8 - 20.2)
	1 - 2	36	32	1	0	2.7 ± 2.8	(5.6 - -0.1)
	2 - 3	3	2	0	0	0.9 ± 1.8	(2.7 - -0.9)
	3 - 4	1	0	0	0	0.9 ± 1.8	(2.7 - -0.9)
	4 - 5	1	0	0	0	0.9 ± 1.8	(2.7 - -0.9)
	5 -	1			1		
	TOTAL	154	142	11	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	1,725	113	55	0	93.3 ± 1.2	(94.6 - 92.1)
	1 - 2	1,557	139	31	0	84.9 ± 1.8	(86.7 - 83.2)
	2 - 3	1,387	139	33	0	78.3 ± 2.1	(78.4 - 74.2)
	3 - 4	1,215	82	34	0	71.1 ± 2.2	(73.3 - 68.8)
	4 - 5	1,099	65	42	0	66.8 ± 2.4	(69.2 - 64.5)
	5 -	992			992		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,725	538	195	992		
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	79	19	3	0	75.5 ± 9.8	(85.3 - 65.7)
	1 - 2	57	25	1	0	42.1 ± 11.4	(53.5 - 30.7)
	2 - 3	31	7	1	0	32.4 ± 10.9	(43.3 - 21.6)
	3 - 4	23	5	0	0	25.4 ± 10.2	(35.5 - 15.2)
	4 - 5	18	5	0	0	18.3 ± 9.1	(27.4 - 9.2)
	5 -	13			13		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	79	61	5	13		
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	64	24	4	0	61.3 ± 12.4	(73.7 - 48.9)
	1 - 2	36	20	1	0	26.8 ± 11.5	(38.3 - 15.2)
	2 - 3	15	7	0	0	14.3 ± 9.2	(23.5 - 5.0)
	3 - 4	8	1	1	0	12.4 ± 8.8	(21.1 - 3.6)
	4 - 5	6	0	1	0	12.4 ± 8.8	(21.1 - 3.6)
	5 -	5			5		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	64	52	7	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	90	56	8	0	34.9 ± 10.3	(45.2 - 24.6)
	1 - 2	26	18	0	0	10.7 ± 7.1	(17.8 - 3.7)
	2 - 3	8	4	0	0	5.4 ± 5.2	(10.6 - 0.2)
	3 - 4	4	2	0	0	2.7 ± 3.7	(6.4 - -1.0)
	4 - 5	2	0	0	0	2.7 ± 3.7	(6.4 - -1.0)
	5 -	2			2		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	90	80	8	2		

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	2,103	213	102	0	89.6 ± 1.3	(91.0 - 88.3)
	1 - 2	1,788	162	39	0	81.4 ± 1.7	(83.1 - 79.7)
	2 - 3	1,587	112	44	0	75.6 ± 1.9	(77.5 - 73.7)
	3 - 4	1,431	64	65	0	72.1 ± 2.0	(74.2 - 70.1)
	4 - 5	1,302	50	71	0	69.3 ± 2.1	(71.4 - 67.2)
	5 -	1,181			1,181		
	TOTAL	2,103	601	321	1,181		
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	77	25	4	0	66.7 ± 10.9	(77.6 - 55.8)
	1 - 2	48	15	2	0	45.4 ± 11.7	(57.1 - 33.7)
	2 - 3	31	10	1	0	30.5 ± 11.0	(41.5 - 19.5)
	3 - 4	20	5	0	0	22.9 ± 10.2	(33.0 - 12.7)
	4 - 5	15	3	2	0	18.0 ± 9.4	(27.4 - 8.5)
	5 -	10			10		
	TOTAL	77	58	9	10		
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	68	33	5	0	49.6 ± 12.4	(62.0 - 37.3)
	1 - 2	30	15	1	0	24.4 ± 11.0	(35.4 - 13.4)
	2 - 3	14	6	1	0	13.5 ± 9.0	(22.5 - 4.6)
	3 - 4	7	4	0	0	5.8 ± 6.4	(12.2 - -0.6)
	4 - 5	3	1	1	0	3.5 ± 5.2	(8.7 - -1.8)
	5 -	1			1		
	TOTAL	68	59	8	1		
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	54	38	3	0	27.6 ± 12.3	(40.0 - 15.3)
	1 - 2	13	10	0	0	6.4 ± 7.1	(13.4 - -0.7)
	2 - 3	3	1	1	0	3.8 ± 5.8	(9.6 - -2.0)
	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	54	50	4	0		

18-2 Peritoneal disseminating metastasis

Rectum, adenocarcinoma

P0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	1,871	166	65	0	91.0 ± 1.3	(92.3 - 89.6)
	1 - 2	1,640	190	32	0	80.3 ± 1.9	(82.2 - 78.5)
	2 - 3	1,418	150	32	0	71.7 ± 2.1	(73.9 - 69.6)
	3 - 4	1,236	88	35	0	66.6 ± 2.2	(68.8 - 64.3)
	4 - 5	1,113	68	43	0	62.4 ± 2.3	(64.7 - 60.1)
	5 -	1,002			1,002		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,871	662	207	1,002		
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	46	21	4	0	52.3 ± 15.1	(67.3 - 37.2)
	1 - 2	21	7	1	0	34.4 ± 14.8	(49.2 - 19.7)
	2 - 3	13	4	1	0	23.4 ± 13.5	(37.0 - 9.9)
	3 - 4	8	0	0	0	23.4 ± 13.5	(37.0 - 9.9)
	4 - 5	8	2	0	0	17.6 ± 12.4	(30.0 - 5.1)
	5 -	6			6		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	46	34	6	6		
P2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	13	8	0	0	38.5 ± 27.0	(65.4 - 11.5)
	1 - 2	5	1	0	0	30.8 ± 25.6	(56.4 - 5.2)
	2 - 3	4	2	0	0	15.4 ± 20.0	(35.4 - -4.6)
	3 - 4	2	0	0	0	15.4 ± 20.0	(35.4 - -4.6)
	4 - 5	2	0	0	0	15.4 ± 20.0	(35.4 - -4.6)
	5 -	2			2		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	13	11	0	2		
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	19	14	0	0	26.3 ± 20.2	(46.5 - 6.1)
	1 - 2	5	5	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	19	19	0	0		

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	2,223	258	109	0	88.1 ± 1.4	(89.5 - 86.7)
	1 - 2	1,856	194	42	0	78.8 ± 1.8	(80.6 - 77.0)
	2 - 3	1,620	125	44	0	72.6 ± 1.9	(74.6 - 70.7)
	3 - 4	1,451	74	65	0	68.8 ± 2.0	(70.9 - 66.8)
	4 - 5	1,312	54	74	0	65.9 ± 2.1	(68.0 - 63.8)
	5 -	1,184			1,184		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	2,223	705	334	1,184		
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	63	41	4	0	32.8 ± 12.0	(44.8 - 20.8)
	1 - 2	18	8	0	0	18.2 ± 10.2	(28.4 - 8.0)
	2 - 3	10	3	1	0	12.5 ± 8.9	(21.3 - 3.6)
	3 - 4	6	0	0	0	12.5 ± 8.9	(21.3 - 3.6)
	4 - 5	6	1	0	0	10.4 ± 8.3	(18.7 - 2.1)
	5 -	5			5		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	63	53	5	5		

19-2 Metastasis to remote organs

Rectum, adenocarcinoma

Rectum, 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	1,908	184	65	0	90.2 ± 1.4	(91.6 - 88.8)
	1 - 2	1,659	189	31	0	79.8 ± 1.9	(81.7 - 77.9)
	2 - 3	1,439	151	34	0	71.3 ± 2.1	(73.5 - 69.2)
	3 - 4	1,254	89	34	0	66.2 ± 2.2	(68.4 - 64.0)
	4 - 5	1,131	71	43	0	62.0 ± 2.3	(64.3 - 59.7)
	5 -	1,017			1,017		
	TOTAL	1,908	684	207	1,017		

Rectum, 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	49	22	2	0	54.2 ± 14.4	(68.6 - 39.8)
	1 - 2	25	12	0	0	28.2 ± 13.2	(41.3 - 15.0)
	2 - 3	13	7	0	0	13.0 ± 9.9	(22.9 - 3.1)
	3 - 4	6	0	1	0	13.0 ± 9.9	(22.9 - 3.1)
	4 - 5	5	0	0	0	13.0 ± 9.9	(22.9 - 3.1)
	5 -	5			5		
	TOTAL	49	41	3	5		

20-1 Macroscopic lymph node metastasis

Colon, adenocarcinoma

N0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	767	44	36	0	94.1 ± 1.7	(95.8 - 92.4)
	1 - 2	687	27	12	0	90.4 ± 2.2	(92.6 - 88.2)
	2 - 3	648	32	19	0	85.9 ± 2.6	(88.4 - 83.3)
	3 - 4	597	20	24	0	82.9 ± 2.8	(85.7 - 80.1)
	4 - 5	553	23	31	0	79.4 ± 3.1	(82.4 - 76.3)
	5 -	499			499		
	TOTAL	767	146	122	499		
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	734	56	39	0	92.2 ± 2.0	(94.2 - 90.2)
	1 - 2	639	56	19	0	84.0 ± 2.8	(86.7 - 81.2)
	2 - 3	564	43	17	0	77.5 ± 3.2	(80.7 - 74.3)
	3 - 4	504	24	23	0	73.7 ± 3.4	(77.1 - 70.3)
	4 - 5	457	17	19	0	70.9 ± 3.5	(74.4 - 67.4)
	5 -	421			421		
	TOTAL	734	196	117	421		
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	464	74	17	0	83.8 ± 3.5	(87.2 - 80.3)
	1 - 2	373	60	9	0	70.1 ± 4.3	(74.4 - 65.8)
	2 - 3	304	32	9	0	62.6 ± 4.6	(67.2 - 58.0)
	3 - 4	263	19	13	0	58.0 ± 4.7	(62.7 - 53.3)
	4 - 5	231	6	16	0	56.4 ± 4.8	(61.2 - 51.7)
	5 -	209			209		
	TOTAL	464	191	64	209		
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	159	39	13	0	74.4 ± 7.1	(81.5 - 67.4)
	1 - 2	107	26	1	0	56.3 ± 8.2	(64.4 - 48.1)
	2 - 3	80	15	2	0	45.6 ± 8.3	(53.9 - 37.3)
	3 - 4	63	3	2	0	43.4 ± 8.3	(51.6 - 35.1)
	4 - 5	58	1	5	0	42.6 ± 8.3	(50.8 - 34.3)
	5 -	52			52		
	TOTAL	159	84	23	52		
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	123	72	4	0	40.5 ± 8.9	(49.4 - 31.6)
	1 - 2	47	26	1	0	17.9 ± 7.1	(24.9 - 10.8)
	2 - 3	20	5	0	0	13.4 ± 6.3	(19.7 - 7.0)
	3 - 4	15	6	2	0	7.7 ± 5.1	(12.7 - 2.6)
	4 - 5	7	5	0	0	2.2 ± 3.0	(5.2 - -0.8)
	5 -	2			2		
	TOTAL	123	114	7	2		

20-2 Macroscopic lymph node metastasis

Rectum, adenocarcinoma

N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	830	25	31	0	96.9 ± 1.2	(98.1 - 95.7)
1 - 2	774	45	19	0	91.2 ± 2.0	(93.2 - 89.2)
2 - 3	710	40	12	0	86.0 ± 2.5	(88.5 - 83.6)
3 - 4	658	32	21	0	81.8 ± 2.8	(84.6 - 79.0)
4 - 5	605	30	23	0	77.7 ± 3.0	(80.7 - 74.6)
5 -	552			552		
TOTAL	830	172	106	552		

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	628	49	18	0	92.1 ± 2.2	(94.3 - 89.9)
1 - 2	561	72	10	0	80.2 ± 3.2	(83.4 - 76.9)
2 - 3	479	72	9	0	68.0 ± 3.8	(71.8 - 64.2)
3 - 4	398	36	10	0	61.8 ± 4.0	(65.8 - 57.8)
4 - 5	352	26	17	0	57.1 ± 4.1	(61.2 - 53.0)
5 -	309			309		
TOTAL	628	255	64	309		

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	300	61	9	0	79.4 ± 4.7	(84.1 - 74.6)
1 - 2	230	53	3	0	61.0 ± 5.7	(66.7 - 55.2)
2 - 3	174	24	9	0	52.3 ± 5.9	(58.2 - 46.4)
3 - 4	141	17	4	0	45.9 ± 5.9	(51.9 - 40.0)
4 - 5	120	12	2	0	41.3 ± 5.9	(47.2 - 35.4)
5 -	106			106		
TOTAL	300	167	27	106		

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	92	23	5	0	74.3 ± 9.2	(83.5 - 65.1)
1 - 2	64	12	0	0	60.4 ± 10.4	(70.8 - 49.9)
2 - 3	52	15	1	0	42.8 ± 10.6	(53.4 - 32.2)
3 - 4	36	5	0	0	36.8 ± 10.4	(47.2 - 26.4)
4 - 5	31	2	1	0	34.4 ± 10.3	(44.7 - 24.2)
5 -	28			28		
TOTAL	92	57	7	28		

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	63	35	3	0	43.1 ± 12.6	(55.7 - 30.5)
1 - 2	25	11	0	0	24.1 ± 11.1	(35.2 - 13.0)
2 - 3	14	4	1	0	17.0 ± 9.8	(26.8 - 7.1)
3 - 4	9	1	0	0	15.1 ± 9.4	(24.5 - 5.6)
4 - 5	8	0	0	0	15.1 ± 9.4	(24.5 - 5.6)
5 -	8			8		
TOTAL	63	51	4	8		

20-3 Histological lymph node metastasis

Colon, 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	1,287	63	65	0	95.0 ± 1.2	(96.2 - 93.7)
	1 - 2	1,159	59	21	0	90.1 ± 1.7	(91.8 - 88.4)
	2 - 3	1,079	52	30	0	85.7 ± 2.0	(87.7 - 83.7)
	3 - 4	997	29	41	0	83.2 ± 2.2	(85.3 - 81.0)
	4 - 5	927	32	52	0	80.2 ± 2.3	(82.5 - 77.9)
	5 -	843			843		
	TOTAL	1,287	235	209	843		
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	485	72	20	0	84.8 ± 3.3	(88.1 - 81.6)
	1 - 2	393	54	13	0	73.0 ± 4.1	(77.1 - 68.9)
	2 - 3	326	38	6	0	64.4 ± 4.5	(68.9 - 59.9)
	3 - 4	282	17	15	0	60.4 ± 4.6	(65.0 - 55.8)
	4 - 5	250	14	12	0	56.9 ± 4.7	(61.6 - 52.3)
	5 -	224			224		
	TOTAL	485	195	66	224		
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	268	61	15	0	76.6 ± 5.2	(81.8 - 71.3)
	1 - 2	192	44	5	0	58.8 ± 6.2	(65.0 - 52.6)
	2 - 3	143	23	5	0	49.2 ± 6.3	(55.5 - 42.8)
	3 - 4	115	17	6	0	41.7 ± 6.3	(48.0 - 35.4)
	4 - 5	92	5	6	0	39.4 ± 6.3	(45.7 - 33.1)
	5 -	81			81		
	TOTAL	268	150	37	81		
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	85	25	5	0	69.7 ± 10.1	(79.8 - 59.6)
	1 - 2	55	17	0	0	48.2 ± 11.2	(59.3 - 37.0)
	2 - 3	38	8	3	0	37.6 ± 10.9	(48.5 - 26.7)
	3 - 4	27	4	1	0	31.9 ± 10.6	(42.6 - 21.3)
	4 - 5	22	0	1	0	31.9 ± 10.6	(42.6 - 21.3)
	5 -	21			21		
	TOTAL	85	54	10	21		
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	55	30	2	0	44.4 ± 13.5	(58.0 - 30.9)
	1 - 2	23	12	0	0	21.3 ± 11.3	(32.6 - 10.0)
	2 - 3	11	3	2	0	14.9 ± 10.0	(24.9 - 4.9)
	3 - 4	6	3	0	0	7.4 ± 7.9	(15.3 - -0.4)
	4 - 5	3	2	0	0	2.5 ± 4.8	(7.3 - -2.3)
	5 -	1			1		
	TOTAL	55	50	4	1		

20-4 Histological lymph node metastasis

Rectum, adenocarcinoma

n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,039	41	39	0	96.0 ± 1.2	(97.2 - 94.7)
1 - 2	959	62	18	0	89.7 ± 1.9	(91.6 - 87.8)
2 - 3	879	48	18	0	84.8 ± 2.3	(87.1 - 82.5)
3 - 4	813	44	25	0	80.1 ± 2.6	(82.7 - 77.6)
4 - 5	744	35	26	0	76.3 ± 2.7	(79.0 - 73.5)
5 -	683			683		
TOTAL	1,039	230	126	683		

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	422	48	13	0	88.4 ± 3.1	(91.6 - 85.3)
1 - 2	361	52	9	0	75.5 ± 4.3	(79.8 - 71.3)
2 - 3	300	42	8	0	64.8 ± 4.8	(69.6 - 60.1)
3 - 4	250	16	6	0	60.6 ± 4.9	(65.5 - 55.7)
4 - 5	228	16	11	0	56.3 ± 5.0	(61.3 - 51.3)
5 -	201			201		
TOTAL	422	174	47	201		

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	275	43	8	0	84.1 ± 4.4	(88.6 - 79.7)
1 - 2	224	48	4	0	65.9 ± 5.8	(71.7 - 60.1)
2 - 3	172	44	4	0	48.9 ± 6.2	(55.1 - 42.7)
3 - 4	124	21	3	0	40.5 ± 6.1	(46.6 - 34.4)
4 - 5	100	16	5	0	33.9 ± 5.9	(39.8 - 27.9)
5 -	79			79		
TOTAL	275	172	24	79		

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	64	18	3	0	71.2 ± 11.5	(82.7 - 59.7)
1 - 2	43	16	0	0	44.7 ± 12.7	(57.4 - 32.0)
2 - 3	27	8	1	0	31.2 ± 11.9	(43.1 - 19.3)
3 - 4	18	1	0	0	29.5 ± 11.8	(41.2 - 17.7)
4 - 5	17	1	0	0	27.7 ± 11.6	(39.3 - 16.2)
5 -	16			16		
TOTAL	64	44	4	16		

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	42	19	0	0	54.8 ± 15.4	(70.1 - 39.4)
1 - 2	23	11	0	0	28.6 ± 13.9	(42.5 - 14.6)
2 - 3	12	5	0	0	16.7 ± 11.5	(28.2 - 5.2)
3 - 4	7	4	0	0	7.1 ± 7.9	(15.1 - -0.8)
4 - 5	3	0	0	0	7.1 ± 7.9	(15.1 - -0.8)
5 -	3			3		
TOTAL	42	39	0	3		

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	96	0	7	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	89	1	3	0	98.9 ± 2.3	(101.1 - 96.6)
	2 - 3	85	1	2	0	97.7 ± 3.2	(100.9 - 94.4)
	3 - 4	82	1	4	0	96.5 ± 4.0	(100.5 - 92.4)
	4 - 5	77	4	4	0	91.3 ± 6.3	(97.6 - 85.0)
	5 -	69			69		
	TOTAL	96	7	20	69		
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	152	6	6	0	96.0 ± 3.2	(99.2 - 92.8)
	1 - 2	140	2	0	0	94.6 ± 3.7	(98.3 - 90.9)
	2 - 3	138	6	3	0	90.4 ± 4.9	(95.3 - 85.6)
	3 - 4	129	4	6	0	87.6 ± 5.5	(93.1 - 82.1)
	4 - 5	119	2	5	0	86.1 ± 5.8	(91.9 - 80.3)
	5 -	112			112		
	TOTAL	152	20	20	112		
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	192	12	10	0	93.6 ± 3.6	(97.2 - 90.0)
	1 - 2	170	8	2	0	89.2 ± 4.6	(93.7 - 84.6)
	2 - 3	160	9	8	0	84.0 ± 5.5	(89.5 - 78.6)
	3 - 4	143	2	9	0	82.8 ± 5.6	(88.4 - 77.2)
	4 - 5	132	1	10	0	82.1 ± 5.7	(87.9 - 76.4)
	5 -	121			121		
	TOTAL	192	32	39	121		
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	950	78	50	0	91.6 ± 1.8	(93.4 - 89.7)
	1 - 2	822	61	21	0	84.7 ± 2.4	(87.1 - 82.3)
	2 - 3	740	65	20	0	77.1 ± 2.8	(80.0 - 74.3)
	3 - 4	655	31	25	0	73.4 ± 3.0	(76.4 - 70.4)
	4 - 5	599	31	31	0	69.5 ± 3.1	(72.7 - 66.4)
	5 -	537			537		
	TOTAL	950	266	147	537		
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	728	146	33	0	79.5 ± 3.0	(82.5 - 76.5)
	1 - 2	549	105	11	0	64.1 ± 3.6	(67.8 - 60.5)
	2 - 3	433	39	14	0	58.3 ± 3.8	(62.0 - 54.5)
	3 - 4	380	28	19	0	53.9 ± 3.8	(57.7 - 50.0)
	4 - 5	333	14	17	0	51.5 ± 3.9	(55.4 - 47.7)
	5 -	302			302		
	TOTAL	728	332	94	302		
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	153	49	7	0	67.2 ± 7.7	(74.9 - 59.5)
	1 - 2	97	20	3	0	53.1 ± 8.3	(61.4 - 44.9)
	2 - 3	74	9	0	0	46.7 ± 8.3	(55.0 - 38.4)
	3 - 4	65	8	2	0	40.8 ± 8.2	(49.1 - 32.6)
	4 - 5	55	3	7	0	38.5 ± 8.2	(46.7 - 30.3)
	5 -	45			45		
	TOTAL	153	89	19	45		

21-2 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	125	1	9	0	99.2 ± 1.7	(100.8 - 97.5)
	1 - 2	115	2	3	0	97.4 ± 2.9	(100.4 - 94.5)
	2 - 3	110	4	4	0	93.8 ± 4.5	(98.3 - 89.3)
	3 - 4	102	1	4	0	92.9 ± 4.9	(97.7 - 88.0)
	4 - 5	97	2	4	0	90.9 ± 5.5	(96.4 - 85.4)
	5 -	91			91		
	TOTAL	125	10	24	91		

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	129	2	3	0	98.4 ± 2.2	(100.6 - 96.2)
	1 - 2	124	3	4	0	96.0 ± 3.5	(99.5 - 92.5)
	2 - 3	117	3	3	0	93.5 ± 4.4	(98.0 - 89.1)
	3 - 4	111	3	5	0	90.9 ± 5.2	(96.2 - 85.7)
	4 - 5	103	4	4	0	87.3 ± 6.1	(93.5 - 81.2)
	5 -	95			95		
	TOTAL	129	15	19	95		

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	336	10	14	0	97.0 ± 1.8	(98.9 - 95.1)
	1 - 2	312	12	6	0	93.2 ± 2.8	(96.0 - 90.4)
	2 - 3	294	16	8	0	88.1 ± 3.6	(91.7 - 84.4)
	3 - 4	270	8	3	0	85.4 ± 4.0	(89.4 - 81.5)
	4 - 5	259	11	7	0	81.8 ± 4.4	(86.1 - 77.4)
	5 -	241			241		
	TOTAL	336	57	38	241		

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	607	38	22	0	93.6 ± 2.0	(95.6 - 91.6)
	1 - 2	547	70	9	0	81.5 ± 3.2	(84.8 - 78.3)
	2 - 3	468	55	10	0	71.9 ± 3.7	(75.6 - 68.1)
	3 - 4	403	29	14	0	66.6 ± 3.9	(70.5 - 62.6)
	4 - 5	360	24	14	0	62.1 ± 4.1	(66.2 - 58.0)
	5 -	322			322		
	TOTAL	607	216	69	322		

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	650	107	19	0	83.3 ± 2.9	(86.2 - 80.3)
	1 - 2	524	93	11	0	68.4 ± 3.7	(72.1 - 64.6)
	2 - 3	420	71	7	0	56.7 ± 4.0	(60.7 - 52.7)
	3 - 4	342	43	9	0	49.5 ± 4.0	(53.5 - 45.4)
	4 - 5	290	25	14	0	45.1 ± 4.0	(49.1 - 41.1)
	5 -	251			251		
	TOTAL	650	339	60	251		

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	105	33	2	0	68.3 ± 9.1	(77.4 - 59.1)
	1 - 2	70	19	0	0	49.7 ± 9.8	(59.6 - 39.9)
	2 - 3	51	9	2	0	40.8 ± 9.7	(50.5 - 31.1)
	3 - 4	40	7	2	0	33.5 ± 9.4	(42.9 - 24.0)
	4 - 5	31	5	0	0	28.1 ± 9.1	(37.1 - 19.0)
	5 -	26			26		
	TOTAL	105	73	6	26		

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	69	1	9	0	98.4 ± 3.1	(101.5 - 95.4)
	1 - 2	59	0	2	0	98.4 ± 3.1	(101.5 - 95.4)
	2 - 3	57	0	5	0	98.4 ± 3.1	(101.5 - 95.4)
	3 - 4	52	1	2	0	96.5 ± 4.9	(101.4 - 91.6)
	4 - 5	49	0	1	0	96.5 ± 4.9	(101.4 - 91.6)
	5 -	48			48		
	TOTAL	69	2	19	48		

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	2,309	314	115	0	86.1 ± 1.5	(87.5 - 84.6)
	1 - 2	1,880	203	42	0	76.7 ± 1.8	(78.5 - 74.9)
	2 - 3	1,635	130	47	0	70.5 ± 2.0	(72.4 - 68.5)
	3 - 4	1,458	75	65	0	66.8 ± 2.0	(68.8 - 64.7)
	4 - 5	1,318	55	74	0	63.9 ± 2.1	(66.0 - 61.8)
	5 -	1,189			1,189		
	TOTAL	2,309	777	343	1,189		

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	4	0	0	33.3 ± 38.5	(71.8 - -5.2)
	1 - 2	2	1	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	4	3	0	0	25.0 ± 43.3	(68.3 --18.3)
	1 - 2	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	2 - 3	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	3 - 4	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	4 - 5	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	5 -	1			1		
	TOTAL	4	3	0	1		

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	41	0	4	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	37	1	3	0	97.2 ± 5.6	(102.7 - 91.6)
	2 - 3	33	1	2	0	94.1 ± 8.0	(102.2 - 86.1)
	3 - 4	30	0	0	0	94.1 ± 8.0	(102.2 - 86.1)
	4 - 5	30	1	3	0	90.8 ± 10.1	(101.0 - 80.7)
	5 -	26			26		
TOTAL		41	3	12	26		

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	1,978	209	74	0	89.2 ± 1.4	(90.6 - 87.8)
	1 - 2	1,695	202	33	0	78.5 ± 1.9	(80.4 - 76.6)
	2 - 3	1,460	158	35	0	69.9 ± 2.1	(72.0 - 67.8)
	3 - 4	1,267	90	37	0	64.9 ± 2.2	(67.1 - 62.6)
	4 - 5	1,140	71	43	0	60.7 ± 2.3	(63.0 - 58.5)
	5 -	1,026			1,026		
TOTAL		1,978	730	222	1,026		

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	10	7	0	0	30.0 ± 29.0	(59.0 - 1.0)
	1 - 2	3	2	0	0	10.0 ± 19.0	(29.0 - -9.0)
	2 - 3	1	0	0	0	10.0 ± 19.0	(29.0 - -9.0)
	3 - 4	1	0	0	0	10.0 ± 19.0	(29.0 - -9.0)
	4 - 5	1	0	0	0	10.0 ± 19.0	(29.0 - -9.0)
	5 -	1			1		
TOTAL		10	9	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	3	0	0	40.0 ± 43.8	(83.8 - -3.8)
	1 - 2	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	2 - 3	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	3 - 4	2	1	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 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	718	27	35	0	96.1 ± 1.5	(97.6 - 94.7)
	1 - 2	656	14	12	0	94.1 ± 1.8	(95.9 - 92.3)
	2 - 3	630	25	19	0	90.3 ± 2.3	(92.6 - 88.0)
	3 - 4	586	17	23	0	87.6 ± 2.6	(90.2 - 85.1)
	4 - 5	546	23	30	0	83.8 ± 2.9	(86.7 - 80.9)
	5 -	493			493		
TOTAL		718	106	119	493		

Rectum, 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	792	20	28	0	97.4 ± 1.1	(98.6 - 96.3)
	1 - 2	744	37	18	0	92.5 ± 1.9	(94.4 - 90.6)
	2 - 3	689	35	13	0	87.8 ± 2.4	(90.2 - 85.4)
	3 - 4	641	26	19	0	84.2 ± 2.7	(86.8 - 81.5)
	4 - 5	596	28	24	0	80.1 ± 3.0	(83.1 - 77.2)
	5 -	544			544		
TOTAL		792	146	102	544		

Colon, 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	965	35	57	0	96.3 ± 1.2	(97.5 - 95.0)
	1 - 2	873	19	18	0	94.1 ± 1.5	(95.7 - 92.6)
	2 - 3	836	23	20	0	91.5 ± 1.9	(93.4 - 89.7)
	3 - 4	793	19	37	0	89.3 ± 2.1	(91.4 - 87.2)
	4 - 5	737	25	39	0	86.2 ± 2.3	(88.5 - 83.8)
	5 -	673			673		
TOTAL		965	121	171	673		

Rectum, 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	780	22	31	0	97.1 ± 1.2	(98.3 - 95.9)
	1 - 2	727	35	18	0	92.4 ± 1.9	(94.3 - 90.4)
	2 - 3	674	29	17	0	88.4 ± 2.4	(90.7 - 86.0)
	3 - 4	628	34	20	0	83.5 ± 2.8	(86.3 - 80.7)
	4 - 5	574	25	23	0	79.8 ± 3.0	(82.8 - 76.8)
	5 -	526			526		
TOTAL		780	145	109	526		

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

Colon, adenocarcinoma

M	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	0 - 1	87	0	5	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	82	1	3	0	98.8 ± 2.5	(101.2 - 96.3)
	2 - 3	78	1	2	0	97.5 ± 3.5	(101.0 - 93.9)
	3 - 4	75	2	4	0	94.8 ± 5.1	(99.9 - 89.7)
	4 - 5	69	3	3	0	90.6 ± 6.8	(97.4 - 83.8)
	5 -	63			63		
	TOTAL	87	7	17	63		

SM	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	0 - 1	130	2	7	0	98.4 ± 2.2	(100.6 - 96.2)
	1 - 2	121	2	1	0	96.8 ± 3.2	(99.9 - 93.6)
	2 - 3	118	3	3	0	94.3 ± 4.2	(98.5 - 90.1)
	3 - 4	112	3	5	0	91.7 ± 5.0	(96.7 - 86.7)
	4 - 5	104	2	5	0	89.9 ± 5.5	(95.4 - 84.4)
	5 -	97			97		
	TOTAL	130	12	21	97		

PM	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	0 - 1	96	7	4	0	92.6 ± 5.4	(98.0 - 87.1)
	1 - 2	85	2	2	0	90.3 ± 6.1	(96.5 - 84.2)
	2 - 3	81	3	1	0	87.0 ± 7.0	(94.0 - 80.0)
	3 - 4	77	1	3	0	85.8 ± 7.3	(93.1 - 78.5)
	4 - 5	73	3	2	0	82.3 ± 8.1	(90.3 - 74.2)
	5 -	68			68		
	TOTAL	96	16	12	68		

SS/A1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	0 - 1	157	5	3	0	96.8 ± 2.8	(99.6 - 94.0)
	1 - 2	149	5	1	0	93.5 ± 4.0	(97.5 - 89.6)
	2 - 3	143	8	6	0	88.2 ± 5.2	(93.4 - 82.9)
	3 - 4	129	3	3	0	86.1 ± 5.6	(91.7 - 80.5)
	4 - 5	123	6	7	0	81.8 ± 6.4	(88.1 - 75.4)
	5 -	110			110		
	TOTAL	157	27	20	110		

S/A2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	0 - 1	177	7	6	0	96.0 ± 3.0	(99.0 - 93.0)
	1 - 2	164	4	3	0	93.6 ± 3.7	(97.3 - 89.9)
	2 - 3	157	8	4	0	88.8 ± 4.9	(93.6 - 83.9)
	3 - 4	145	7	6	0	84.4 ± 5.6	(90.0 - 78.8)
	4 - 5	132	5	9	0	81.1 ± 6.1	(87.2 - 75.0)
	5 -	118			118		
	TOTAL	177	31	28	118		

Si/Ai	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	0 - 1	38	5	2	0	86.5 ± 11.2	(97.7 - 75.2)
	1 - 2	31	0	2	0	86.5 ± 11.2	(97.7 - 75.2)
	2 - 3	29	2	1	0	80.4 ± 13.3	(93.7 - 67.1)
	3 - 4	26	1	1	0	77.3 ± 14.2	(91.5 - 63.0)
	4 - 5	24	2	4	0	70.2 ± 16.0	(86.3 - 54.2)
	5 -	18			18		
	TOTAL	38	10	10	18		

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

Colon, adenocarcinoma

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

SM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	12	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	12	1	0	0	91.7 ± 16.0	(107.6 - 75.7)
	2 - 3	11	1	0	0	83.3 ± 21.5	(104.9 - 61.8)
	3 - 4	10	1	2	0	74.1 ± 25.9	(100.0 - 48.2)
	4 - 5	7	0	1	0	74.1 ± 25.9	(100.0 - 48.2)
	5 -	6			6		
	TOTAL	12	3	3	6		

PM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	23	0	2	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	21	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	21	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	20	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	19	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	18			18		
	TOTAL	23	0	5	18		

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	215	4	8	0	98.1 ± 1.9	(100.0 - 96.2)
	1 - 2	203	4	7	0	96.1 ± 2.7	(98.8 - 93.5)
	2 - 3	192	10	5	0	91.1 ± 4.0	(95.1 - 87.0)
	3 - 4	177	5	6	0	88.4 ± 4.5	(93.0 - 83.9)
	4 - 5	166	6	5	0	85.2 ± 5.1	(90.3 - 80.1)
	5 -	155			155		
	TOTAL	215	29	31	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	298	10	12	0	96.6 ± 2.1	(98.7 - 94.4)
	1 - 2	276	25	6	0	87.7 ± 3.9	(91.6 - 83.8)
	2 - 3	245	18	10	0	81.2 ± 4.7	(85.8 - 76.5)
	3 - 4	217	10	10	0	77.3 ± 5.0	(82.4 - 72.3)
	4 - 5	197	7	9	0	74.5 ± 5.3	(79.8 - 69.2)
	5 -	181			181		
	TOTAL	298	70	47	181		

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	73	6	5	0	91.5 ± 6.6	(98.1 - 84.8)
	1 - 2	62	5	2	0	84.0 ± 8.9	(92.9 - 75.1)
	2 - 3	55	6	0	0	74.8 ± 10.6	(85.4 - 64.2)
	3 - 4	49	3	3	0	70.1 ± 11.2	(81.3 - 58.9)
	4 - 5	43	0	1	0	70.1 ± 11.2	(81.3 - 58.9)
	5 -	42			42		
	TOTAL	73	20	11	42		

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 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	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	2	0	0	2		

SM

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

PM

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

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	75	2	1	0	97.3 ± 3.7	(101.1 - 93.6)
1 - 2	72	5	2	0	90.5 ± 6.9	(97.3 - 83.6)
2 - 3	65	2	0	0	87.7 ± 7.7	(95.4 - 80.0)
3 - 4	63	1	5	0	86.2 ± 8.1	(94.3 - 78.1)
4 - 5	57	2	4	0	83.1 ± 8.9	(92.0 - 74.2)
5 -	51			51		
TOTAL	75	12	12	51		

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	176	10	7	0	94.2 ± 3.6	(97.8 - 90.6)
1 - 2	159	14	3	0	85.8 ± 5.4	(91.2 - 80.5)
2 - 3	142	13	4	0	77.9 ± 6.4	(84.3 - 71.4)
3 - 4	125	9	6	0	72.1 ± 7.0	(79.1 - 65.1)
4 - 5	110	3	7	0	70.1 ± 7.2	(77.3 - 62.9)
5 -	100			100		
TOTAL	176	49	27	100		

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	77	11	3	0	85.4 ± 8.1	(93.6 - 77.3)
1 - 2	63	4	2	0	79.9 ± 9.3	(89.2 - 70.6)
2 - 3	57	3	1	0	75.7 ± 10.0	(85.7 - 65.7)
3 - 4	53	4	2	0	69.9 ± 10.8	(80.6 - 59.1)
4 - 5	47	0	3	0	69.9 ± 10.8	(80.6 - 59.1)
5 -	44			44		
TOTAL	77	22	11	44		

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 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/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	15	1	2	0	92.9 ± 13.8	(106.6 - 79.1)
1 - 2	12	1	0	0	85.1 ± 19.5	(104.6 - 65.7)
2 - 3	11	3	1	0	60.8 ± 27.5	(88.3 - 33.3)
3 - 4	7	0	0	0	60.8 ± 27.5	(88.3 - 33.3)
4 - 5	7	1	0	0	52.1 ± 28.5	(80.7 - 23.6)
5 -	6			6		
TOTAL	15	6	3	6		

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	48	1	3	0	97.8 ± 4.3	(102.1 - 93.6)
1 - 2	44	5	0	0	86.7 ± 10.1	(96.8 - 76.6)
2 - 3	39	3	1	0	80.0 ± 11.9	(91.9 - 68.0)
3 - 4	35	0	2	0	80.0 ± 11.9	(91.9 - 68.0)
4 - 5	33	0	4	0	80.0 ± 11.9	(91.9 - 68.0)
5 -	29			29		
TOTAL	48	9	10	29		

Si/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	32	7	3	0	77.0 ± 15.2	(92.3 - 61.8)
1 - 2	22	4	0	0	63.0 ± 17.8	(80.8 - 45.3)
2 - 3	18	2	0	0	56.0 ± 18.4	(74.4 - 37.7)
3 - 4	16	2	0	0	49.0 ± 18.5	(67.6 - 30.5)
4 - 5	14	0	1	0	49.0 ± 18.5	(67.6 - 30.5)
5 -	13			13		
TOTAL	32	15	4	13		

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

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	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
2 - 3	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
3 - 4	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
4 - 5	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
5 -	1			1		
TOTAL	2	1	0	1		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	16	9	0	0	43.8 ± 24.8	(68.6 - 18.9)
1 - 2	7	2	1	0	30.3 ± 23.4	(53.7 - 6.9)
2 - 3	4	2	0	0	15.1 ± 19.1	(34.3 - -4.0)
3 - 4	2	2	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	16	15	1	0		

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	14	3	1	0	77.8 ± 22.6	(100.4 - 55.1)
1 - 2	10	3	0	0	54.4 ± 27.6	(82.0 - 26.9)
2 - 3	7	1	0	0	46.7 ± 27.7	(74.3 - 19.0)
3 - 4	6	2	2	0	28.0 ± 26.3	(54.3 - 1.7)
4 - 5	2	2	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	14	11	3	0		

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

Rectum, adenocarcinoma

M	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	72	0	6	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	66	1	2	0	98.5 ± 3.1	(101.5 - 95.4)
	2 - 3	63	2	3	0	95.3 ± 5.3	(100.6 - 89.9)
	3 - 4	58	0	3	0	95.3 ± 5.3	(100.6 - 89.9)
	4 - 5	55	1	3	0	93.5 ± 6.3	(99.8 - 87.2)
	5 -	51			51		
	TOTAL	72	4	17	51		

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	116	0	2	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	114	3	5	0	97.3 ± 3.1	(100.4 - 94.2)
	2 - 3	106	2	0	0	95.5 ± 4.0	(99.4 - 91.5)
	3 - 4	104	4	3	0	91.7 ± 5.3	(97.0 - 86.5)
	4 - 5	97	4	4	0	87.9 ± 6.3	(94.2 - 81.6)
	5 -	89			89		
	TOTAL	116	13	14	89		

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	177	7	5	0	96.0 ± 3.0	(99.0 - 93.0)
	1 - 2	165	8	4	0	91.3 ± 4.3	(95.6 - 87.0)
	2 - 3	153	7	2	0	87.1 ± 5.1	(92.2 - 81.9)
	3 - 4	144	4	5	0	84.6 ± 5.6	(90.2 - 79.1)
	4 - 5	135	8	3	0	79.5 ± 6.3	(85.8 - 73.3)
	5 -	124			124		
	TOTAL	177	34	19	124		

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	223	8	11	0	96.3 ± 2.6	(98.9 - 93.8)
	1 - 2	204	4	5	0	94.4 ± 3.1	(97.5 - 91.3)
	2 - 3	195	14	5	0	87.5 ± 4.6	(92.1 - 83.0)
	3 - 4	176	5	5	0	85.0 ± 5.0	(90.0 - 80.1)
	4 - 5	166	8	11	0	80.8 ± 5.6	(86.3 - 75.2)
	5 -	147			147		
	TOTAL	223	39	37	147		

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	150	2	2	0	98.7 ± 1.9	(100.5 - 96.8)
	1 - 2	146	13	1	0	89.8 ± 5.0	(94.8 - 84.9)
	2 - 3	132	8	2	0	84.4 ± 6.0	(90.4 - 78.4)
	3 - 4	122	10	2	0	77.4 ± 6.9	(84.3 - 70.5)
	4 - 5	110	5	3	0	73.8 ± 7.3	(81.1 - 66.5)
	5 -	102			102		
	TOTAL	150	38	10	102		

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	2	0	0	93.1 ± 9.4	(102.5 - 83.7)
	1 - 2	27	6	0	0	72.4 ± 16.6	(89.0 - 55.8)
	2 - 3	21	2	0	0	65.5 ± 17.7	(83.2 - 47.9)
	3 - 4	19	2	1	0	58.4 ± 18.4	(76.8 - 40.1)
	4 - 5	16	1	0	0	54.8 ± 18.6	(73.4 - 36.2)
	5 -	15			15		
	TOTAL	29	13	1	15		

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 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		

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	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	1	0	0	85.7 ± 26.5	(112.2 - 59.3)
3 - 4	6	0	0	0	85.7 ± 26.5	(112.2 - 59.3)
4 - 5	6	0	1	0	85.7 ± 26.5	(112.2 - 59.3)
5 -	5			5		
TOTAL	7	1	1	5		

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	50	0	2	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	48	3	1	0	93.7 ± 7.1	(100.7 - 86.6)
2 - 3	44	3	2	0	87.1 ± 9.8	(97.0 - 77.3)
3 - 4	39	1	0	0	84.9 ± 10.5	(95.4 - 74.4)
4 - 5	38	1	1	0	82.6 ± 11.2	(93.8 - 71.5)
5 -	36			36		
TOTAL	50	8	6	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	183	3	4	0	98.3 ± 1.9	(100.2 - 96.4)
1 - 2	176	11	3	0	92.1 ± 4.0	(96.2 - 88.1)
2 - 3	162	19	4	0	81.2 ± 5.9	(87.1 - 75.3)
3 - 4	139	8	4	0	76.5 ± 6.4	(82.9 - 70.0)
4 - 5	127	10	7	0	70.3 ± 7.0	(77.3 - 63.3)
5 -	110			110		
TOTAL	183	51	22	110		

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	246	16	5	0	93.4 ± 3.2	(96.6 - 90.3)
1 - 2	225	21	4	0	84.6 ± 4.7	(89.3 - 80.0)
2 - 3	200	29	3	0	72.3 ± 5.8	(78.1 - 66.5)
3 - 4	168	19	4	0	64.0 ± 6.3	(70.3 - 57.7)
4 - 5	145	10	8	0	59.5 ± 6.4	(65.9 - 53.0)
5 -	127			127		
TOTAL	246	95	24	127		

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	48	6	2	0	87.2 ± 9.7	(97.0 - 77.5)
1 - 2	40	7	1	0	71.8 ± 13.3	(85.1 - 58.5)
2 - 3	32	6	1	0	58.1 ± 14.7	(72.8 - 43.4)
3 - 4	25	5	0	0	46.5 ± 15.0	(61.5 - 31.5)
4 - 5	20	2	0	0	41.8 ± 14.9	(56.7 - 27.0)
5 -	18			18		
TOTAL	48	26	4	18		

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

Rectum, adenocarcinoma

M

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

SM

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

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	8	1	0	0	87.5 ± 23.4	(110.9 - 64.1)
1 - 2	7	0	0	0	87.5 ± 23.4	(110.9 - 64.1)
2 - 3	7	0	0	0	87.5 ± 23.4	(110.9 - 64.1)
3 - 4	7	1	0	0	75.0 ± 30.6	(105.6 - 44.4)
4 - 5	6	0	0	0	75.0 ± 30.6	(105.6 - 44.4)
5 -	6			6		
TOTAL	8	2	0	6		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	36	5	3	0	85.5 ± 12.0	(97.5 - 73.5)
1 - 2	28	4	0	0	73.3 ± 15.3	(88.6 - 58.0)
2 - 3	24	3	3	0	63.5 ± 16.9	(80.4 - 46.6)
3 - 4	18	1	0	0	60.0 ± 17.4	(77.4 - 42.6)
4 - 5	17	0	0	0	60.0 ± 17.4	(77.4 - 42.6)
5 -	17			17		
TOTAL	36	13	6	17		

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	121	9	2	0	92.5 ± 4.8	(97.3 - 87.7)
1 - 2	110	15	1	0	79.8 ± 7.4	(87.2 - 72.5)
2 - 3	94	11	3	0	70.3 ± 8.4	(78.8 - 61.9)
3 - 4	80	12	2	0	59.7 ± 9.1	(68.8 - 50.5)
4 - 5	66	7	2	0	53.2 ± 9.3	(62.6 - 43.9)
5 -	57			57		
TOTAL	121	54	10	57		

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	6	0	0	87.5 ± 9.5	(97.0 - 78.0)
1 - 2	42	11	0	0	64.6 ± 13.8	(78.4 - 50.8)
2 - 3	31	3	2	0	58.1 ± 14.3	(72.4 - 43.8)
3 - 4	26	2	2	0	53.5 ± 14.6	(68.1 - 38.9)
4 - 5	22	2	0	0	48.6 ± 14.8	(63.4 - 33.8)
5 -	20			20		
TOTAL	48	24	4	20		

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

Rectum, adenocarcinoma

M

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

SM

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

PM

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
2 - 3	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
3 - 4	1	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	2	0	1	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	9	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	9	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
2 - 3	9	2	0	0	77.8 ± 27.7	(105.5 - 50.1)
3 - 4	7	1	0	0	66.7 ± 31.4	(98.1 - 35.2)
4 - 5	6	0	0	0	66.7 ± 31.4	(98.1 - 35.2)
5 -	6			6		
TOTAL	9	3	0	6		

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	25	2	0	0	92.0 ± 10.9	(102.9 - 81.1)
1 - 2	23	3	0	0	80.0 ± 16.0	(96.0 - 64.0)
2 - 3	20	8	0	0	48.0 ± 20.0	(68.0 - 28.0)
3 - 4	12	1	0	0	44.0 ± 19.9	(63.9 - 24.1)
4 - 5	11	2	0	0	36.0 ± 19.2	(55.2 - 16.8)
5 -	9			9		
TOTAL	25	16	0	9		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	11	3	1	0	71.4 ± 27.9	(99.3 - 43.5)
1 - 2	7	1	0	0	61.2 ± 30.5	(91.7 - 30.8)
2 - 3	6	2	0	0	40.8 ± 31.1	(71.9 - 9.7)
3 - 4	4	1	0	0	30.6 ± 29.3	(59.9 - 1.3)
4 - 5	3	0	0	0	30.6 ± 29.3	(59.9 - 1.3)
5 -	3			3		
TOTAL	11	7	1	3		

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

Rectum, adenocarcinoma

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

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

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

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	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	3	2	0	0	33.3 ± 54.4	(87.8 --21.1)
	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	3	3	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	15	6	1	0	58.6 ± 25.9	(84.5 - 32.8)
	1 - 2	8	3	0	0	36.6 ± 25.8	(62.4 - 10.9)
	2 - 3	5	1	1	0	28.5 ± 24.7	(53.2 - 3.8)
	3 - 4	3	1	0	0	19.0 ± 22.6	(41.6 - -3.6)
	4 - 5	2	0	0	0	19.0 ± 22.6	(41.6 - -3.6)
	5 -	2			2		
	TOTAL	15	11	2	2		

Si/Ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	11	4	0	0	63.6 ± 29.0	(92.6 - 34.6)
	1 - 2	7	2	0	0	45.5 ± 30.0	(75.5 - 15.4)
	2 - 3	5	2	0	0	27.3 ± 26.9	(54.1 - 0.4)
	3 - 4	3	0	0	0	27.3 ± 26.9	(54.1 - 0.4)
	4 - 5	3	0	0	0	27.3 ± 26.9	(54.1 - 0.4)
	5 -	3			3		
	TOTAL	11	8	0	3		

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

Colon, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	85	0	5	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	80	1	3	0	98.7 ± 2.5	(101.3 - 96.2)
	2 - 3	76	1	2	0	97.4 ± 3.6	(101.0 - 93.8)
	3 - 4	73	1	4	0	96.0 ± 4.5	(100.5 - 91.6)
	4 - 5	68	3	3	0	91.7 ± 6.5	(98.2 - 85.2)
	5 -	62			62		
	TOTAL	85	6	17	62		

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	126	2	7	0	98.4 ± 2.3	(100.7 - 96.1)
	1 - 2	117	1	1	0	97.5 ± 2.8	(100.3 - 94.7)
	2 - 3	115	4	3	0	94.1 ± 4.3	(98.4 - 89.7)
	3 - 4	108	3	4	0	91.4 ± 5.2	(96.6 - 86.2)
	4 - 5	101	2	5	0	89.6 ± 5.7	(95.3 - 83.9)
	5 -	94			94		
	TOTAL	126	12	20	94		

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	103	5	5	0	95.0 ± 4.3	(99.4 - 90.7)
	1 - 2	93	2	0	0	93.0 ± 5.1	(98.1 - 87.9)
	2 - 3	91	2	2	0	90.9 ± 5.8	(96.7 - 85.1)
	3 - 4	87	1	3	0	89.9 ± 6.1	(95.9 - 83.8)
	4 - 5	83	2	2	0	87.7 ± 6.7	(94.3 - 81.0)
	5 -	79			79		
	TOTAL	103	12	12	79		

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	287	6	9	0	97.9 ± 1.7	(99.6 - 96.2)
	1 - 2	272	6	6	0	95.7 ± 2.4	(98.1 - 93.3)
	2 - 3	260	10	9	0	91.9 ± 3.3	(95.2 - 88.7)
	3 - 4	241	4	10	0	90.4 ± 3.6	(94.0 - 86.8)
	4 - 5	227	10	13	0	86.3 ± 4.3	(90.6 - 82.0)
	5 -	204			204		
	TOTAL	287	36	47	204		

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	412	15	16	0	96.3 ± 1.9	(98.2 - 94.4)
	1 - 2	381	12	7	0	93.2 ± 2.5	(95.7 - 90.7)
	2 - 3	362	17	8	0	88.8 ± 3.2	(92.0 - 85.6)
	3 - 4	337	10	14	0	86.1 ± 3.5	(89.6 - 82.6)
	4 - 5	313	8	19	0	83.8 ± 3.8	(87.6 - 80.1)
	5 -	286			286		
	TOTAL	412	62	64	286		

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	134	10	7	0	92.3 ± 4.7	(97.0 - 87.7)
	1 - 2	117	6	3	0	87.5 ± 5.8	(93.4 - 81.7)
	2 - 3	108	5	1	0	83.5 ± 6.6	(90.1 - 76.9)
	3 - 4	102	6	4	0	78.5 ± 7.4	(85.8 - 71.1)
	4 - 5	92	3	8	0	75.8 ± 7.7	(83.5 - 68.1)
	5 -	81			81		
	TOTAL	134	30	23	81		

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

Colon, adenocarcinoma

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

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	13	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	13	2	0	0	84.6 ± 20.0	(104.6 - 64.6)
	2 - 3	11	0	0	0	84.6 ± 20.0	(104.6 - 64.6)
	3 - 4	11	1	3	0	75.7 ± 24.6	(100.3 - 51.1)
	4 - 5	7	0	1	0	75.7 ± 24.6	(100.3 - 51.1)
	5 -	6			6		
	TOTAL	13	3	4	6		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	13	1	1	0	92.0 ± 15.3	(107.3 - 76.7)
	1 - 2	11	1	0	0	83.6 ± 21.2	(104.8 - 62.4)
	2 - 3	10	1	0	0	75.3 ± 24.8	(100.1 - 50.5)
	3 - 4	9	0	1	0	75.3 ± 24.8	(100.1 - 50.5)
	4 - 5	8	1	1	0	65.2 ± 28.5	(93.7 - 36.7)
	5 -	6			6		
	TOTAL	13	4	3	6		

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	109	3	1	0	97.2 ± 3.1	(100.4 - 94.1)
	1 - 2	105	4	3	0	93.5 ± 4.8	(98.2 - 88.7)
	2 - 3	98	9	0	0	84.9 ± 7.0	(91.9 - 77.9)
	3 - 4	89	4	2	0	81.0 ± 7.6	(88.7 - 73.4)
	4 - 5	83	2	1	0	79.1 ± 7.9	(87.0 - 71.1)
	5 -	80			80		
	TOTAL	109	22	7	80		

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	170	4	6	0	97.6 ± 2.4	(100.0 - 95.2)
	1 - 2	160	18	4	0	86.5 ± 5.4	(91.8 - 81.1)
	2 - 3	138	11	5	0	79.5 ± 6.4	(85.8 - 73.1)
	3 - 4	122	6	5	0	75.5 ± 6.8	(82.3 - 68.6)
	4 - 5	111	6	7	0	71.3 ± 7.3	(78.5 - 64.0)
	5 -	98			98		
	TOTAL	170	45	27	98		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	46	5	4	0	88.6 ± 9.6	(98.2 - 79.1)
	1 - 2	37	1	2	0	86.2 ± 10.5	(96.7 - 75.7)
	2 - 3	34	6	1	0	70.7 ± 14.3	(85.0 - 56.4)
	3 - 4	27	0	2	0	70.7 ± 14.3	(85.0 - 56.4)
	4 - 5	25	1	1	0	67.9 ± 14.8	(82.7 - 53.0)
	5 -	23			23		
	TOTAL	46	13	10	23		

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	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	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	2	0	0	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	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
	1 - 2	1	0	1	0	50.0 ± 70.7	(120.7 --20.7)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	2	1	1	0		

ss/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	48	2	2	0	95.7 ± 5.9	(101.6 - 89.9)
	1 - 2	44	5	1	0	84.7 ± 10.6	(95.4 - 74.1)
	2 - 3	38	2	0	0	80.3 ± 11.8	(92.1 - 68.5)
	3 - 4	36	1	1	0	78.0 ± 12.3	(90.3 - 65.7)
	4 - 5	34	3	2	0	70.9 ± 13.6	(84.6 - 57.3)
	5 -	29			29		
	TOTAL	48	13	6	29		

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	8	4	0	91.4 ± 5.8	(97.2 - 85.6)
	1 - 2	83	15	1	0	74.8 ± 9.1	(83.9 - 65.7)
	2 - 3	67	12	4	0	61.0 ± 10.3	(71.3 - 50.6)
	3 - 4	51	10	4	0	48.5 ± 10.8	(59.3 - 37.7)
	4 - 5	37	1	2	0	47.2 ± 10.8	(58.0 - 36.3)
	5 -	34			34		
	TOTAL	95	46	15	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	26	6	2	0	76.0 ± 17.1	(93.1 - 58.9)
	1 - 2	18	2	0	0	67.6 ± 18.9	(86.5 - 48.7)
	2 - 3	16	3	0	0	54.9 ± 20.2	(75.1 - 34.6)
	3 - 4	13	4	1	0	37.3 ± 20.0	(57.3 - 17.3)
	4 - 5	8	0	0	0	37.3 ± 20.0	(57.3 - 17.3)
	5 -	8			8		
	TOTAL	26	15	3	8		

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

Colon, adenocarcinoma

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

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

pm	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	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	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	12	1	2	0	90.9 ± 17.3	(108.2 - 73.6)		
	1 - 2	9	0	0	0	90.9 ± 17.3	(108.2 - 73.6)		
	2 - 3	9	2	2	0	68.2 ± 30.7	(98.9 - 37.5)		
	3 - 4	5	0	0	0	68.2 ± 30.7	(98.9 - 37.5)		
	4 - 5	5	0	0	0	68.2 ± 30.7	(98.9 - 37.5)		
	5 -	5			5				
	TOTAL	12	3	4	5				

s/a2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	20	1	0	0	95.0 ± 9.7	(104.7 - 85.3)		
	1 - 2	19	3	0	0	80.0 ± 17.9	(97.9 - 62.1)		
	2 - 3	16	3	0	0	65.0 ± 21.3	(86.3 - 43.7)		
	3 - 4	13	0	1	0	65.0 ± 21.3	(86.3 - 43.7)		
	4 - 5	12	0	1	0	65.0 ± 21.3	(86.3 - 43.7)		
	5 -	11			11				
	TOTAL	20	7	2	11				

si/ai	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	14	4	2	0	69.2 ± 25.6	(94.8 - 43.6)		
	1 - 2	8	5	0	0	26.0 ± 25.6	(51.5 - 0.4)		
	2 - 3	3	0	0	0	26.0 ± 25.6	(51.5 - 0.4)		
	3 - 4	3	0	0	0	26.0 ± 25.6	(51.5 - 0.4)		
	4 - 5	3	0	0	0	26.0 ± 25.6	(51.5 - 0.4)		
	5 -	3			3				
	TOTAL	14	9	2	3				

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

Colon, adenocarcinoma

m	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLOW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>1 - 2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>2 - 3</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>3 - 4</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>4 - 5</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>5 -</td><td>0</td><td></td><td></td><td>0</td><td></td><td></td></tr><tr><td>TOTAL</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td></td></tr></table>	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		
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	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLOW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>1 - 2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>2 - 3</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>3 - 4</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>4 - 5</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.0 ± 0.0</td><td>(0.0 - 0.0)</td></tr><tr><td>5 -</td><td>0</td><td></td><td></td><td>0</td><td></td><td></td></tr><tr><td>TOTAL</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td></td></tr></table>	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		
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																																																			
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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																																																			
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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)																																																			
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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																																																			
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1 - 2	5	2	0	0	26.4 ± 25.6	(52.0 - 0.8)																																																			
2 - 3	3	1	1	0	15.8 ± 22.4	(38.3 - -6.6)																																																			
3 - 4	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)																																																			
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)																																																			
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TOTAL	13	11	2	0																																																					
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YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR																																																			
0 - 1	4	2	0	0	50.0 ± 50.0	(100.0 - 0.0)																																																			
1 - 2	2	0	0	0	50.0 ± 50.0	(100.0 - 0.0)																																																			
2 - 3	2	0	0	0	50.0 ± 50.0	(100.0 - 0.0)																																																			
3 - 4	2	1	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																																																					

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

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	60	0	6	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	54	1	2	0	98.1 ± 3.7	(101.9 - 94.4)
	2 - 3	51	2	3	0	94.1 ± 6.6	(100.7 - 87.6)
	3 - 4	46	0	2	0	94.1 ± 6.6	(100.7 - 87.6)
	4 - 5	44	0	3	0	94.1 ± 6.6	(100.7 - 87.6)
	5 -	41			41		
	TOTAL	60	3	16	41		

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	96	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	95	1	4	0	98.9 ± 2.1	(101.1 - 96.8)
	2 - 3	90	1	0	0	97.8 ± 3.0	(100.9 - 94.8)
	3 - 4	89	4	3	0	93.4 ± 5.2	(98.6 - 88.1)
	4 - 5	82	1	2	0	92.2 ± 5.7	(97.9 - 86.5)
	5 -	79			79		
	TOTAL	96	7	10	79		

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	184	5	6	0	97.2 ± 2.4	(99.7 - 94.8)
	1 - 2	173	8	3	0	92.7 ± 3.9	(96.6 - 88.8)
	2 - 3	162	7	3	0	88.7 ± 4.8	(93.4 - 83.9)
	3 - 4	152	3	5	0	86.9 ± 5.1	(92.0 - 81.8)
	4 - 5	144	8	2	0	82.0 ± 5.9	(87.9 - 76.2)
	5 -	134			134		
	TOTAL	184	31	19	134		

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	280	8	13	0	97.1 ± 2.0	(99.1 - 95.0)
	1 - 2	259	6	6	0	94.8 ± 2.7	(97.5 - 92.1)
	2 - 3	247	14	4	0	89.4 ± 3.8	(93.2 - 85.6)
	3 - 4	229	5	7	0	87.4 ± 4.1	(91.5 - 83.3)
	4 - 5	217	11	15	0	82.8 ± 4.7	(87.5 - 78.1)
	5 -	191			191		
	TOTAL	280	44	45	191		

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	257	10	7	0	96.1 ± 2.4	(98.5 - 93.6)
	1 - 2	240	20	2	0	88.0 ± 4.1	(92.1 - 83.9)
	2 - 3	218	15	6	0	81.9 ± 4.9	(86.8 - 77.0)
	3 - 4	197	19	5	0	73.9 ± 5.6	(79.5 - 68.3)
	4 - 5	173	7	4	0	70.9 ± 5.8	(76.7 - 65.0)
	5 -	162			162		
	TOTAL	257	71	24	162		

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	75	6	1	0	91.9 ± 6.3	(98.3 - 85.6)
	1 - 2	68	12	0	0	75.7 ± 10.0	(85.7 - 65.8)
	2 - 3	56	4	2	0	70.2 ± 10.7	(80.9 - 59.6)
	3 - 4	50	7	1	0	60.3 ± 11.5	(71.8 - 48.8)
	4 - 5	42	3	0	0	56.0 ± 11.7	(67.7 - 44.3)
	5 -	39			39		
	TOTAL	75	32	4	39		

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 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	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	5 -	2			2		
	TOTAL	3	1	0	2		

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	17	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	17	1	0	0	94.1 ± 11.4	(105.5 - 82.7)
	2 - 3	16	2	0	0	82.4 ± 18.5	(100.8 - 63.9)
	3 - 4	14	0	0	0	82.4 ± 18.5	(100.8 - 63.9)
	4 - 5	14	2	2	0	69.7 ± 22.7	(92.4 - 47.0)
	5 -	10			10		
	TOTAL	17	5	2	10		

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	34	2	1	0	94.0 ± 8.2	(102.2 - 85.8)
	1 - 2	31	1	1	0	90.9 ± 10.0	(100.9 - 81.0)
	2 - 3	29	1	1	0	87.8 ± 11.5	(99.2 - 76.3)
	3 - 4	27	1	0	0	84.5 ± 12.8	(97.3 - 71.7)
	4 - 5	26	1	2	0	81.1 ± 13.9	(95.1 - 67.2)
	5 -	23			23		
	TOTAL	34	6	5	23		

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	108	2	3	0	98.1 ± 2.6	(100.8 - 95.5)
	1 - 2	103	9	2	0	89.5 ± 6.0	(95.5 - 83.5)
	2 - 3	92	12	6	0	77.4 ± 8.3	(85.7 - 69.1)
	3 - 4	74	5	2	0	72.1 ± 9.0	(81.1 - 63.1)
	4 - 5	67	4	3	0	67.7 ± 9.5	(77.2 - 58.2)
	5 -	60			60		
	TOTAL	108	32	16	60		

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	146	10	3	0	93.1 ± 4.2	(97.3 - 88.9)
	1 - 2	133	10	2	0	86.0 ± 5.8	(91.8 - 80.2)
	2 - 3	121	17	1	0	73.9 ± 7.4	(81.3 - 66.5)
	3 - 4	103	8	2	0	68.1 ± 7.9	(76.0 - 60.2)
	4 - 5	93	7	4	0	62.9 ± 8.2	(71.1 - 54.7)
	5 -	82			82		
	TOTAL	146	52	12	82		

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	2	0	0	91.7 ± 11.3	(103.0 - 80.4)
	1 - 2	22	4	1	0	74.6 ± 17.9	(92.5 - 56.7)
	2 - 3	17	2	1	0	65.6 ± 19.8	(85.4 - 45.8)
	3 - 4	14	0	1	0	65.6 ± 19.8	(85.4 - 45.8)
	4 - 5	13	1	0	0	60.5 ± 20.7	(81.2 - 39.8)
	5 -	12			12		
	TOTAL	24	9	3	12		

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

Rectum, adenocarcinoma

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

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

pm	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	11	1	1	0	90.5 ± 18.1	(108.6 - 72.4)		
	1 - 2	9	2	0	0	70.4 ± 28.8	(99.1 - 41.6)		
	2 - 3	7	2	0	0	50.3 ± 31.6	(81.9 - 18.6)		
	3 - 4	5	1	0	0	40.2 ± 31.0	(71.2 - 9.2)		
	4 - 5	4	0	0	0	40.2 ± 31.0	(71.2 - 9.2)		
	5 -	4			4				
	TOTAL	11	6	1	4				

ss/ai	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	52	4	2	0	92.2 ± 7.5	(99.7 - 84.6)		
	1 - 2	46	3	0	0	86.1 ± 9.7	(95.9 - 76.4)		
	2 - 3	43	11	2	0	63.6 ± 13.7	(77.3 - 49.9)		
	3 - 4	30	4	0	0	55.1 ± 14.3	(69.4 - 40.8)		
	4 - 5	26	3	0	0	48.7 ± 14.4	(63.1 - 34.4)		
	5 -	23			23				
	TOTAL	52	25	4	23				

s/a2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	107	7	1	0	93.4 ± 4.8	(98.2 - 88.6)		
	1 - 2	99	13	2	0	81.0 ± 7.6	(88.7 - 73.4)		
	2 - 3	84	15	2	0	66.4 ± 9.3	(75.7 - 57.1)		
	3 - 4	67	11	1	0	55.4 ± 9.8	(65.2 - 45.6)		
	4 - 5	55	9	5	0	45.9 ± 10.0	(55.9 - 35.9)		
	5 -	41			41				
	TOTAL	107	55	11	41				

si/ai	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	35	5	2	0	85.3 ± 12.1	(97.4 - 73.1)		
	1 - 2	28	10	0	0	54.8 ± 17.3	(72.1 - 37.5)		
	2 - 3	18	6	0	0	36.6 ± 16.8	(53.3 - 19.8)		
	3 - 4	12	3	1	0	27.0 ± 15.6	(42.6 - 11.4)		
	4 - 5	8	1	0	0	23.6 ± 15.0	(38.7 - 8.6)		
	5 -	7			7				
	TOTAL	35	25	3	7				

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	5	1	0	0	80.0 ± 35.8	(115.8 - 44.2)
	1 - 2	4	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
	2 - 3	4	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
	3 - 4	4	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
	4 - 5	4	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
	5 -	4			4		
	TOTAL	5	1	0	4		

ss/a1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	7	2	0	0	71.4 ± 34.1	(105.6 - 37.3)
	1 - 2	5	2	0	0	42.9 ± 37.4	(80.3 - 5.4)
	2 - 3	3	0	0	0	42.9 ± 37.4	(80.3 - 5.4)
	3 - 4	3	0	0	0	42.9 ± 37.4	(80.3 - 5.4)
	4 - 5	3	0	0	0	42.9 ± 37.4	(80.3 - 5.4)
	5 -	3			3		
	TOTAL	7	4	0	3		

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	23	2	0	0	91.3 ± 11.8	(103.1 - 79.6)
	1 - 2	21	8	0	0	56.5 ± 20.7	(77.2 - 35.8)
	2 - 3	13	5	0	0	34.8 ± 19.9	(54.6 - 14.9)
	3 - 4	8	1	0	0	30.4 ± 19.2	(49.6 - 11.2)
	4 - 5	7	1	0	0	26.1 ± 18.3	(44.4 - 7.8)
	5 -	6			6		
	TOTAL	23	17	0	6		

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	5	4	0	0	20.0 ± 35.8	(55.8 --15.8)
	1 - 2	1	0	0	0	20.0 ± 35.8	(55.8 --15.8)
	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	5	5	0	0		

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/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	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	2	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	3	3	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	17	6	0	0	64.7 ± 23.2	(87.9 - 41.5)
	1 - 2	11	4	0	0	41.2 ± 23.9	(65.0 - 17.3)
	2 - 3	7	2	0	0	29.4 ± 22.1	(51.5 - 7.3)
	3 - 4	5	3	0	0	11.8 ± 15.6	(27.4 - -3.9)
	4 - 5	2	0	0	0	11.8 ± 15.6	(27.4 - -3.9)
	5 -	2			2		
	TOTAL	17	15	0	2		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	6	2	0	0	66.7 ± 38.5	(105.2 - 28.2)
	1 - 2	4	2	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	0	0	0	16.7 ± 30.4	(47.1 - -13.8)
	5 -	1			1		
	TOTAL	6	5	0	1		

26-1 Clinical stage classification of JSCCR

Colon, adenocarcinoma

I	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	294	7	15	0	97.6 $\pm$ 1.8	(99.4 - 95.7)
	1 - 2	272	5	6	0	95.7 $\pm$ 2.4	(98.1 - 93.3)
	2 - 3	261	6	6	0	93.5 $\pm$ 3.0	(96.5 - 90.6)
	3 - 4	249	5	11	0	91.6 $\pm$ 3.4	(95.0 - 88.2)
	4 - 5	233	8	9	0	88.4 $\pm$ 3.9	(92.3 - 84.5)
	5 -	216			216		
	TOTAL	294	31	47	216		
II	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	348	13	10	0	96.2 $\pm$ 2.1	(98.3 - 94.1)
	1 - 2	325	9	4	0	93.5 $\pm$ 2.7	(96.2 - 90.9)
	2 - 3	312	17	10	0	88.4 $\pm$ 3.5	(91.9 - 84.8)
	3 - 4	285	11	10	0	84.9 $\pm$ 3.9	(88.8 - 80.9)
	4 - 5	264	11	17	0	81.2 $\pm$ 4.3	(85.6 - 76.9)
	5 -	236			236		
	TOTAL	348	61	51	236		
III	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	664	27	29	0	95.8 $\pm$ 1.6	(97.4 - 94.3)
	1 - 2	608	35	17	0	90.2 $\pm$ 2.4	(92.6 - 87.9)
	2 - 3	556	37	16	0	84.2 $\pm$ 2.9	(87.1 - 81.2)
	3 - 4	503	20	23	0	80.7 $\pm$ 3.2	(83.9 - 77.5)
	4 - 5	460	15	21	0	78.0 $\pm$ 3.4	(81.4 - 74.7)
	5 -	424			424		
	TOTAL	664	134	106	424		
IV	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	426	32	19	0	92.3 $\pm$ 2.6	(94.9 - 89.7)
	1 - 2	375	34	7	0	83.9 $\pm$ 3.6	(87.5 - 80.2)
	2 - 3	334	26	7	0	77.3 $\pm$ 4.2	(81.4 - 73.1)
	3 - 4	301	16	15	0	73.1 $\pm$ 4.4	(77.5 - 68.6)
	4 - 5	270	6	19	0	71.4 $\pm$ 4.6	(75.9 - 66.8)
	5 -	245			245		
	TOTAL	426	114	67	245		
V	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	420	186	20	0	54.6 $\pm$ 4.9	(59.6 - 49.7)
	1 - 2	214	106	7	0	27.1 $\pm$ 4.5	(31.6 - 22.6)
	2 - 3	101	38	3	0	16.8 $\pm$ 3.8	(20.6 - 12.9)
	3 - 4	60	16	2	0	12.2 $\pm$ 3.4	(15.6 - 8.8)
	4 - 5	42	9	4	0	9.5 $\pm$ 3.1	(12.6 - 6.4)
	5 -	29			29		
	TOTAL	420	355	36	29		

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	337	6	12	0	98.2 ± 1.5	(99.7 - 96.7)
	1 - 2	319	11	11	0	94.7 ± 2.5	(97.2 - 92.3)
	2 - 3	297	10	5	0	91.5 ± 3.1	(94.6 - 88.4)
	3 - 4	282	7	11	0	89.2 ± 3.5	(92.7 - 85.7)
	4 - 5	264	12	9	0	85.1 ± 4.1	(89.2 - 81.0)
	5 -	243			243		
	TOTAL	337	46	48	243		

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	383	11	12	0	97.1 ± 1.7	(98.8 - 95.3)
	1 - 2	360	17	6	0	92.5 ± 2.7	(95.2 - 89.7)
	2 - 3	337	22	7	0	86.4 ± 3.6	(89.9 - 82.8)
	3 - 4	308	15	6	0	82.1 ± 4.0	(86.1 - 78.1)
	4 - 5	287	14	15	0	78.0 ± 4.4	(82.4 - 73.6)
	5 -	258			258		
	TOTAL	383	79	46	258		

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	566	27	12	0	95.2 ± 1.8	(97.0 - 93.4)
	1 - 2	527	48	9	0	86.4 ± 2.9	(89.3 - 83.5)
	2 - 3	470	60	10	0	75.3 ± 3.7	(79.0 - 71.6)
	3 - 4	400	35	10	0	68.6 ± 4.0	(72.6 - 64.6)
	4 - 5	355	23	17	0	64.1 ± 4.2	(68.2 - 59.9)
	5 -	315			315		
	TOTAL	566	193	58	315		

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	260	26	7	0	89.9 ± 3.8	(93.6 - 86.1)
	1 - 2	227	34	2	0	76.3 ± 5.3	(81.7 - 71.0)
	2 - 3	191	29	9	0	64.5 ± 6.1	(70.5 - 58.4)
	3 - 4	153	19	4	0	56.4 ± 6.3	(62.7 - 50.0)
	4 - 5	130	12	2	0	51.1 ± 6.4	(57.6 - 44.7)
	5 -	116			116		
	TOTAL	260	120	24	116		

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	287	113	17	0	59.4 ± 5.9	(65.3 - 53.5)
	1 - 2	157	73	2	0	31.6 ± 5.7	(37.3 - 25.9)
	2 - 3	82	30	2	0	19.9 ± 4.9	(24.8 - 15.0)
	3 - 4	50	8	2	0	16.7 ± 4.6	(21.3 - 12.0)
	4 - 5	40	7	1	0	13.7 ± 4.3	(18.0 - 9.4)
	5 -	32			32		
	TOTAL	287	231	24	32		

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	381	10	21	0	97.3 ± 1.7	(99.0 - 95.6)
	1 - 2	350	7	5	0	95.3 ± 2.2	(97.5 - 93.1)
	2 - 3	338	12	11	0	91.9 ± 2.9	(94.8 - 89.0)
	3 - 4	315	6	15	0	90.1 ± 3.2	(93.3 - 86.9)
	4 - 5	294	7	15	0	87.9 ± 3.5	(91.4 - 84.4)
	5 -	272			272		
	TOTAL	381	42	67	272		
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	761	24	38	0	96.8 ± 1.3	(98.1 - 95.5)
	1 - 2	699	19	14	0	94.1 ± 1.7	(95.9 - 92.4)
	2 - 3	666	27	16	0	90.2 ± 2.2	(92.5 - 88.0)
	3 - 4	623	16	26	0	87.9 ± 2.5	(90.3 - 85.4)
	4 - 5	581	22	33	0	84.5 ± 2.8	(87.2 - 81.7)
	5 -	526			526		
	TOTAL	761	108	127	526		
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	399	16	14	0	95.9 ± 2.0	(97.9 - 93.9)
	1 - 2	369	27	11	0	88.8 ± 3.2	(92.0 - 85.6)
	2 - 3	331	27	6	0	81.5 ± 4.0	(85.5 - 77.5)
	3 - 4	298	15	14	0	77.3 ± 4.3	(81.6 - 72.9)
	4 - 5	269	12	14	0	73.7 ± 4.6	(78.3 - 69.1)
	5 -	243			243		
	TOTAL	399	97	59	243		
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	226	23	15	0	89.5 ± 4.2	(93.6 - 85.3)
	1 - 2	188	30	3	0	75.1 ± 5.9	(81.0 - 69.1)
	2 - 3	155	22	6	0	64.2 ± 6.6	(70.9 - 57.6)
	3 - 4	127	16	7	0	55.9 ± 7.0	(62.9 - 48.9)
	4 - 5	104	4	5	0	53.7 ± 7.0	(60.7 - 46.7)
	5 -	95			95		
	TOTAL	226	95	36	95		
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	382	164	17	0	56.1 ± 5.1	(61.2 - 51.0)
	1 - 2	201	101	6	0	27.5 ± 4.7	(32.2 - 22.8)
	2 - 3	94	32	6	0	17.8 ± 4.1	(21.9 - 13.7)
	3 - 4	56	16	1	0	12.7 ± 3.6	(16.3 - 9.0)
	4 - 5	39	8	4	0	9.9 ± 3.3	(13.3 - 6.6)
	5 -	27			27		
	TOTAL	382	321	34	27		

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	340	5	13	0	98.5 ± 1.3	(99.8 - 97.2)
	1 - 2	322	10	9	0	95.4 ± 2.3	(97.7 - 93.1)
	2 - 3	303	10	6	0	92.2 ± 3.0	(95.2 - 89.2)
	3 - 4	287	7	10	0	89.9 ± 3.4	(93.3 - 86.5)
	4 - 5	270	9	7	0	86.9 ± 3.8	(90.7 - 83.1)
	5 -	254			254		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	340	41	45	254		
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	539	18	20	0	96.6 ± 1.6	(98.2 - 95.0)
	1 - 2	501	26	8	0	91.5 ± 2.4	(94.0 - 89.1)
	2 - 3	467	30	10	0	85.6 ± 3.1	(88.7 - 82.5)
	3 - 4	427	24	12	0	80.7 ± 3.5	(84.2 - 77.2)
	4 - 5	391	18	19	0	76.9 ± 3.8	(80.7 - 73.1)
	5 -	354			354		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	539	116	69	354		
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	409	23	8	0	94.3 ± 2.3	(96.6 - 92.0)
	1 - 2	378	38	6	0	84.8 ± 3.6	(88.4 - 81.2)
	2 - 3	334	38	11	0	75.0 ± 4.4	(79.3 - 70.6)
	3 - 4	285	21	6	0	69.4 ± 4.7	(74.0 - 64.7)
	4 - 5	258	19	11	0	64.2 ± 4.9	(69.1 - 59.3)
	5 -	228			228		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	409	139	42	228		
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	247	26	6	0	89.3 ± 4.0	(93.3 - 85.4)
	1 - 2	215	39	3	0	73.0 ± 5.7	(78.7 - 67.3)
	2 - 3	173	40	4	0	55.9 ± 6.4	(62.4 - 49.5)
	3 - 4	129	20	2	0	47.2 ± 6.5	(53.7 - 40.7)
	4 - 5	107	14	5	0	40.9 ± 6.5	(47.3 - 34.4)
	5 -	88			88		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	247	139	20	88		
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	266	99	12	0	61.9 ± 6.0	(67.9 - 55.9)
	1 - 2	155	72	3	0	32.9 ± 5.9	(38.8 - 27.0)
	2 - 3	80	27	1	0	21.7 ± 5.2	(27.0 - 16.5)
	3 - 4	52	10	2	0	17.5 ± 4.9	(22.3 - 12.6)
	4 - 5	40	7	1	0	14.4 ± 4.5	(18.9 - 9.8)
	5 -	32			32		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	266	215	19	32		

27-1 Curative resection by Dukes classification

Colon, adenocarcinoma

Dukes A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	380	10	21	0	97.3 ± 1.7	(99.0 - 95.6)
1 - 2	349	7	5	0	95.3 ± 2.2	(97.5 - 93.1)
2 - 3	337	12	11	0	91.9 ± 2.9	(94.8 - 89.0)
3 - 4	314	6	15	0	90.1 ± 3.2	(93.3 - 86.9)
4 - 5	293	7	15	0	87.9 ± 3.5	(91.4 - 84.3)
5 -	271			271		
TOTAL	380	42	67	271		

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	787	22	38	0	97.1 ± 1.2	(98.3 - 95.9)
1 - 2	727	20	14	0	94.4 ± 1.7	(96.1 - 92.8)
2 - 3	693	25	16	0	91.0 ± 2.1	(93.1 - 88.9)
3 - 4	652	17	26	0	88.6 ± 2.4	(90.9 - 86.2)
4 - 5	609	22	36	0	85.3 ± 2.7	(87.9 - 82.6)
5 -	551			551		
TOTAL	787	106	130	551		

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	539	26	25	0	95.1 ± 1.9	(97.0 - 93.2)
1 - 2	488	49	12	0	85.4 ± 3.1	(88.5 - 82.3)
2 - 3	427	41	12	0	77.1 ± 3.7	(80.8 - 73.3)
3 - 4	374	27	20	0	71.4 ± 4.1	(75.4 - 67.3)
4 - 5	327	15	15	0	68.0 ± 4.2	(72.2 - 63.8)
5 -	297			297		
TOTAL	539	158	84	297		

27-2 Non-curative resection by Dukes classification

Colon, adenocarcinoma

Dukes A

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

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	96	26	4	0	72.3 ± 9.2	(81.6 - 63.1)
1 - 2	66	30	2	0	39.0 ± 10.2	(49.2 - 28.7)
2 - 3	34	13	1	0	23.8 ± 9.1	(32.9 - 14.8)
3 - 4	20	6	0	0	16.7 ± 8.0	(24.7 - 8.7)
4 - 5	14	3	1	0	13.0 ± 7.3	(20.3 - 5.7)
5 -	10			10		
TOTAL	96	78	8	10		

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	340	158	17	0	52.3 ± 5.5	(57.8 - 46.9)
1 - 2	165	75	6	0	28.1 ± 5.0	(33.2 - 23.1)
2 - 3	84	29	5	0	18.1 ± 4.4	(22.5 - 13.7)
3 - 4	50	14	2	0	12.9 ± 3.9	(16.9 - 9.0)
4 - 5	34	6	3	0	10.5 ± 3.7	(14.2 - 6.9)
5 -	25			25		
TOTAL	340	282	33	25		

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	434	5	20	0	98.8 ± 1.0	(99.9 - 97.8)
1 - 2	409	9	10	0	96.6 ± 1.8	(98.4 - 94.8)
2 - 3	390	15	8	0	92.9 ± 2.6	(95.4 - 90.3)
3 - 4	367	7	8	0	91.1 ± 2.8	(93.9 - 88.2)
4 - 5	352	11	10	0	88.2 ± 3.2	(91.4 - 84.9)
5 -	331			331		
TOTAL	434	47	56	331		

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	519	24	16	0	95.3 ± 1.9	(97.2 - 93.4)
1 - 2	479	36	8	0	88.1 ± 2.9	(91.0 - 85.2)
2 - 3	435	27	10	0	82.5 ± 3.4	(86.0 - 79.1)
3 - 4	398	29	14	0	76.4 ± 3.8	(80.3 - 72.6)
4 - 5	355	19	16	0	72.2 ± 4.1	(76.3 - 68.2)
5 -	320			320		
TOTAL	519	135	64	320		

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	522	28	10	0	94.6 ± 2.0	(96.6 - 92.6)
1 - 2	484	47	8	0	85.3 ± 3.1	(88.5 - 82.2)
2 - 3	429	68	11	0	71.6 ± 4.0	(75.6 - 67.6)
3 - 4	350	30	8	0	65.4 ± 4.3	(69.7 - 61.1)
4 - 5	312	29	16	0	59.2 ± 4.4	(63.6 - 54.7)
5 -	267			267		
TOTAL	522	202	53	267		

27-4 Non-curative resection by Dukes classification

Rectum, adenocarcinoma

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

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	70	12	3	0	82.5 ± 9.2	(91.7 - 73.3)
	1 - 2	55	16	0	0	58.5 ± 12.0	(70.5 - 46.5)
	2 - 3	39	6	1	0	49.4 ± 12.2	(61.6 - 37.1)
	3 - 4	32	6	0	0	40.1 ± 12.1	(52.2 - 28.1)
	4 - 5	26	5	1	0	32.2 ± 11.6	(43.8 - 20.7)
	5 -	20			20		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	70	45	5	20		

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	265	96	10	0	63.1 ± 6.0	(69.1 - 57.1)
	1 - 2	159	78	2	0	31.9 ± 5.9	(37.8 - 26.1)
	2 - 3	79	30	3	0	19.6 ± 5.0	(24.6 - 14.5)
	3 - 4	46	11	1	0	14.8 ± 4.6	(19.4 - 10.3)
	4 - 5	34	3	0	0	13.5 ± 4.4	(17.9 - 9.1)
	5 -	31			31		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	265	218	16	31		

28-1 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	224	2	12	0	99.1 ± 1.3	(100.4 - 97.8)
	1 - 2	210	2	3	0	98.1 ± 1.9	(100.0 - 96.3)
	2 - 3	205	5	5	0	95.7 ± 2.8	(98.5 - 92.9)
	3 - 4	195	4	7	0	93.7 ± 3.4	(97.1 - 90.3)
	4 - 5	184	6	8	0	90.6 ± 4.1	(94.7 - 86.5)
	5 -	170			170		
	TOTAL	224	19	35	170		

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	156	8	9	0	94.7 ± 3.6	(98.4 - 91.1)
	1 - 2	139	5	2	0	91.3 ± 4.6	(95.9 - 86.7)
	2 - 3	132	7	6	0	86.3 ± 5.7	(92.0 - 80.6)
	3 - 4	119	2	8	0	84.8 ± 6.0	(90.8 - 78.9)
	4 - 5	109	1	7	0	84.0 ± 6.1	(90.2 - 77.9)
	5 -	101			101		
	TOTAL	156	23	32	101		

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	787	22	38	0	97.1 ± 1.2	(98.3 - 95.9)
	1 - 2	727	20	14	0	94.4 ± 1.7	(96.1 - 92.8)
	2 - 3	693	25	16	0	91.0 ± 2.1	(93.1 - 88.9)
	3 - 4	652	17	26	0	88.6 ± 2.4	(90.9 - 86.2)
	4 - 5	609	22	36	0	85.3 ± 2.7	(87.9 - 82.6)
	5 -	551			551		
	TOTAL	787	106	130	551		

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	34	1	1	0	97.0 ± 5.9	(102.9 - 91.1)
	1 - 2	32	2	0	0	91.0 ± 10.0	(100.9 - 81.0)
	2 - 3	30	1	1	0	87.9 ± 11.4	(99.2 - 76.5)
	3 - 4	28	1	4	0	84.5 ± 12.8	(97.3 - 71.7)
	4 - 5	23	0	3	0	84.5 ± 12.8	(97.3 - 71.7)
	5 -	20			20		
	TOTAL	34	5	9	20		

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	505	25	24	0	94.9 ± 2.0	(96.9 - 93.0)
	1 - 2	456	47	12	0	85.0 ± 3.3	(88.3 - 81.8)
	2 - 3	397	40	11	0	76.3 ± 3.9	(80.2 - 72.4)
	3 - 4	346	26	16	0	70.5 ± 4.2	(74.7 - 66.2)
	4 - 5	304	15	12	0	66.9 ± 4.4	(71.3 - 62.5)
	5 -	277			277		
	TOTAL	505	153	75	277		

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

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	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	1 - 2	2	1	0	0	33.3 ± 54.4	(87.8 - -21.1)
	2 - 3	1	0	0	0	33.3 ± 54.4	(87.8 - -21.1)
	3 - 4	1	0	0	0	33.3 ± 54.4	(87.8 - -21.1)
	4 - 5	1	0	0	0	33.3 ± 54.4	(87.8 - -21.1)
	5 -	1			1		
	TOTAL	3	2	0	1		

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	96	26	4	0	72.3 ± 9.2	(81.6 - 63.1)
	1 - 2	66	30	2	0	39.0 ± 10.2	(49.2 - 28.7)
	2 - 3	34	13	1	0	23.8 ± 9.1	(32.9 - 14.8)
	3 - 4	20	6	0	0	16.7 ± 8.0	(24.7 - 8.7)
	4 - 5	14	3	1	0	13.0 ± 7.3	(20.3 - 5.7)
	5 -	10			10		
	TOTAL	96	78	8	10		

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	8	2	0	0	75.0 ± 30.6	(105.6 - 44.4)
	1 - 2	6	1	0	0	62.5 ± 34.2	(96.7 - 28.3)
	2 - 3	5	2	0	0	37.5 ± 34.2	(71.7 - 3.3)
	3 - 4	3	0	0	0	37.5 ± 34.2	(71.7 - 3.3)
	4 - 5	3	0	0	0	37.5 ± 34.2	(71.7 - 3.3)
	5 -	3			3		
	TOTAL	8	5	0	3		

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	332	156	17	0	51.8 ± 5.6	(57.3 - 46.2)
	1 - 2	159	74	6	0	27.2 ± 5.1	(32.3 - 22.1)
	2 - 3	79	27	5	0	17.6 ± 4.4	(22.0 - 13.2)
	3 - 4	47	14	2	0	12.3 ± 3.9	(16.1 - 8.4)
	4 - 5	31	6	3	0	9.8 ± 3.6	(13.4 - 6.2)
	5 -	22			22		
	TOTAL	332	277	33	22		

28-3 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	180	1	7	0	99.4 ± 1.1	(100.6 - 98.3)
	1 - 2	172	2	6	0	98.3 ± 2.0	(100.3 - 96.3)
	2 - 3	164	5	4	0	95.2 ± 3.3	(98.5 - 91.9)
	3 - 4	155	3	6	0	93.3 ± 3.9	(97.2 - 89.5)
	4 - 5	146	2	6	0	92.0 ± 4.2	(96.3 - 87.8)
	5 -	138			138		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	180	13	29	138		
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	254	4	13	0	98.4 ± 1.6	(100.0 - 96.8)
	1 - 2	237	7	4	0	95.5 ± 2.7	(98.1 - 92.8)
	2 - 3	226	10	4	0	91.2 ± 3.7	(94.9 - 87.5)
	3 - 4	212	4	2	0	89.5 ± 4.0	(93.5 - 85.5)
	4 - 5	206	9	4	0	85.5 ± 4.6	(90.1 - 80.9)
	5 -	193			193		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	254	34	27	193		
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	519	24	16	0	95.3 ± 1.9	(97.2 - 93.4)
	1 - 2	479	36	8	0	88.1 ± 2.9	(91.0 - 85.2)
	2 - 3	435	27	10	0	82.5 ± 3.4	(86.0 - 79.1)
	3 - 4	398	29	14	0	76.4 ± 3.8	(80.3 - 72.6)
	4 - 5	355	19	16	0	72.2 ± 4.1	(76.3 - 68.2)
	5 -	320			320		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	519	135	64	320		
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	74	2	1	0	97.3 ± 3.8	(101.1 - 93.5)
	1 - 2	71	4	0	0	91.8 ± 6.4	(98.2 - 85.4)
	2 - 3	67	6	4	0	83.3 ± 8.8	(92.1 - 74.5)
	3 - 4	57	2	0	0	80.4 ± 9.4	(89.8 - 71.0)
	4 - 5	55	3	4	0	75.9 ± 10.2	(86.1 - 65.6)
	5 -	48			48		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	74	17	9	48		
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	448	26	9	0	94.1 ± 2.2	(96.4 - 91.9)
	1 - 2	413	43	8	0	84.2 ± 3.5	(87.7 - 80.8)
	2 - 3	362	62	7	0	69.7 ± 4.4	(74.1 - 65.2)
	3 - 4	293	28	8	0	62.9 ± 4.7	(67.6 - 58.2)
	4 - 5	257	26	12	0	56.4 ± 4.8	(61.2 - 51.6)
	5 -	219			219		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	448	185	44	219		

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

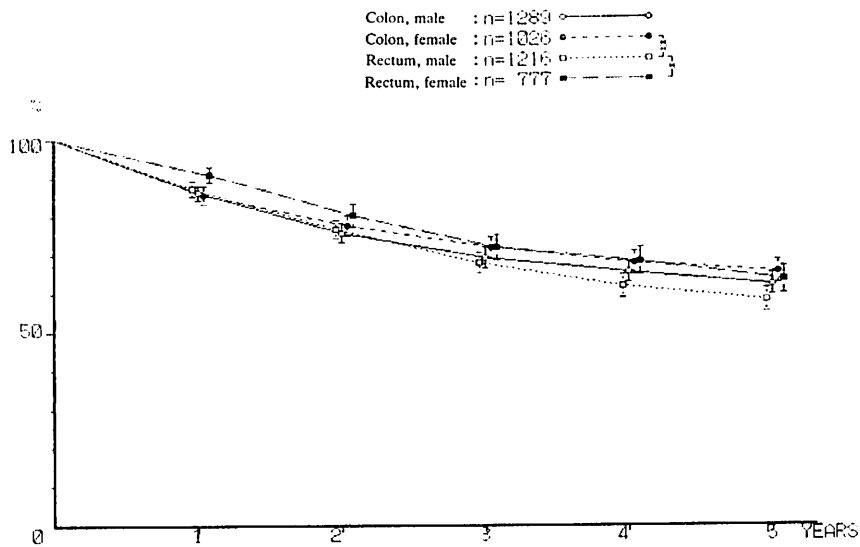
Rectum, adenocarcinoma

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	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	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	6	0	0	0	100.0 ± 0.0	(100.0 -100.0)	
	1 - 2	6	1	0	0	83.3 ± 30.4	(113.8 - 52.9)	
	2 - 3	5	0	0	0	83.3 ± 30.4	(113.8 - 52.9)	
	3 - 4	5	0	1	0	83.3 ± 30.4	(113.8 - 52.9)	
	4 - 5	4	0	0	0	83.3 ± 30.4	(113.8 - 52.9)	
	5 -	4			4			
	TOTAL	6	1	1	4			
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	70	12	3	0	82.5 ± 9.2	(91.7 - 73.3)	
	1 - 2	55	16	0	0	58.5 ± 12.0	(70.5 - 46.5)	
	2 - 3	39	6	1	0	49.4 ± 12.2	(61.6 - 37.1)	
	3 - 4	32	6	0	0	40.1 ± 12.1	(52.2 - 28.1)	
	4 - 5	26	5	1	0	32.2 ± 11.6	(43.8 - 20.7)	
	5 -	20			20			
	TOTAL	70	45	5	20			
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	9	5	0	0	44.4 ± 33.1	(77.6 - 11.3)	
	1 - 2	4	2	0	0	22.2 ± 27.7	(49.9 - -5.5)	
	2 - 3	2	0	0	0	22.2 ± 27.7	(49.9 - -5.5)	
	3 - 4	2	0	0	0	22.2 ± 27.7	(49.9 - -5.5)	
	4 - 5	2	0	0	0	22.2 ± 27.7	(49.9 - -5.5)	
	5 -	2			2			
	TOTAL	9	7	0	2			
C2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR	
	0 - 1	256	91	10	0	63.7 ± 6.1	(69.8 - 57.7)	
	1 - 2	155	76	2	0	32.3 ± 6.0	(38.3 - 26.3)	
	2 - 3	77	30	3	0	19.5 ± 5.1	(24.6 - 14.3)	
	3 - 4	44	11	1	0	14.5 ± 4.6	(19.1 - 9.9)	
	4 - 5	32	3	0	0	13.2 ± 4.4	(17.6 - 8.7)	
	5 -	29			29			
	TOTAL	256	211	16	29			

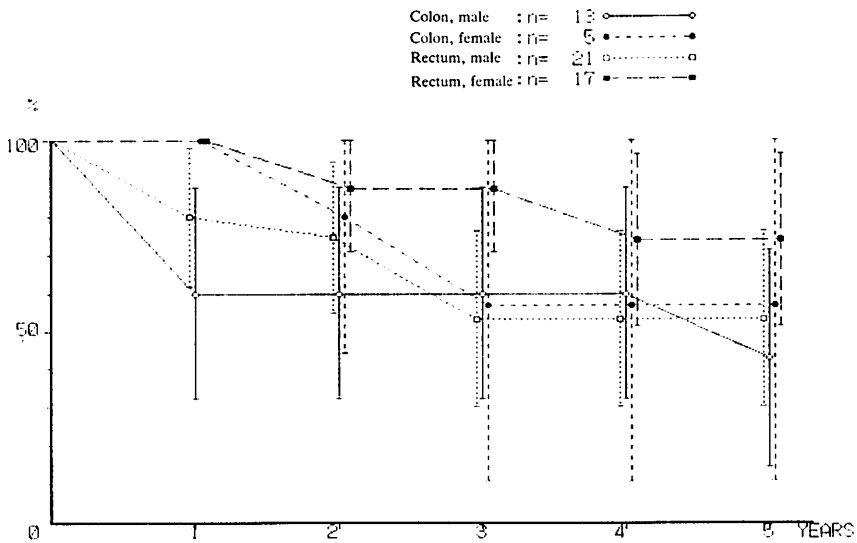
Appendix

Figures of life tables

15-1. Sex.
Adenocarcinoma.

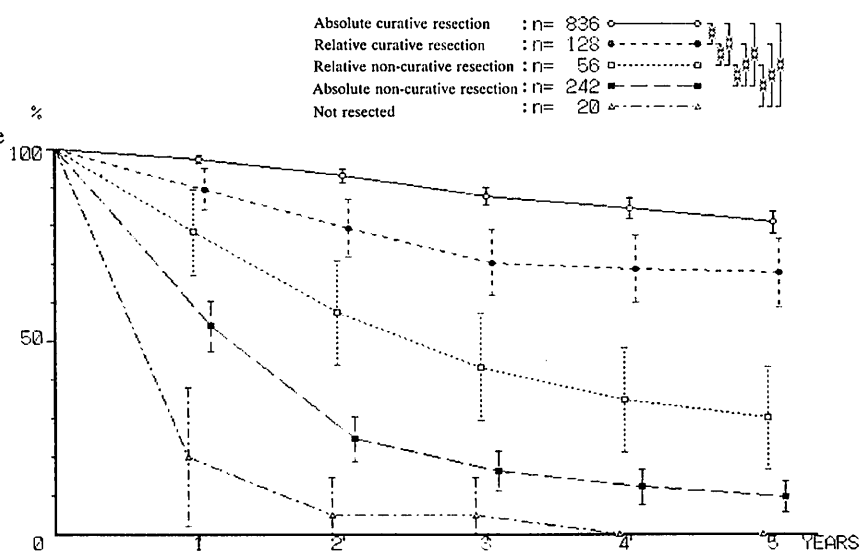


15-2. Sex.
Malignant neoplasms
other than
adenocarcinoma.

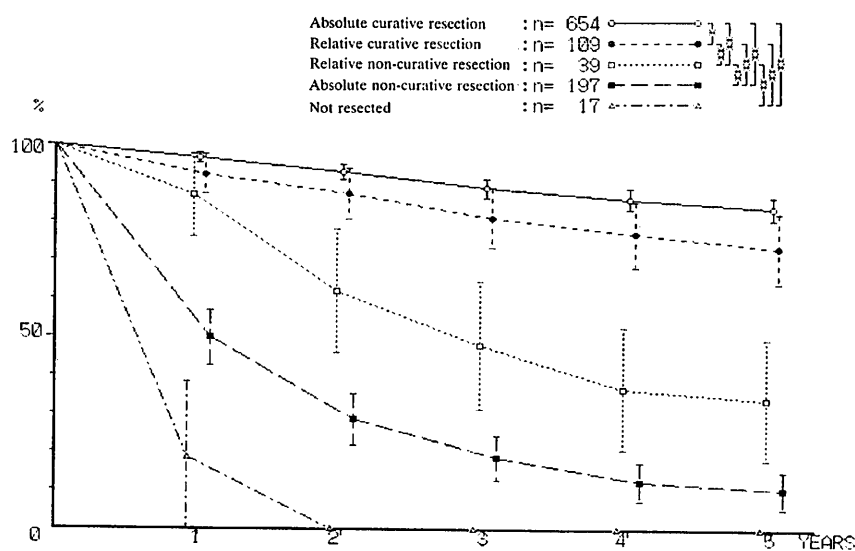


SURVIVAL RATE
* P=0.01 * P=0.05

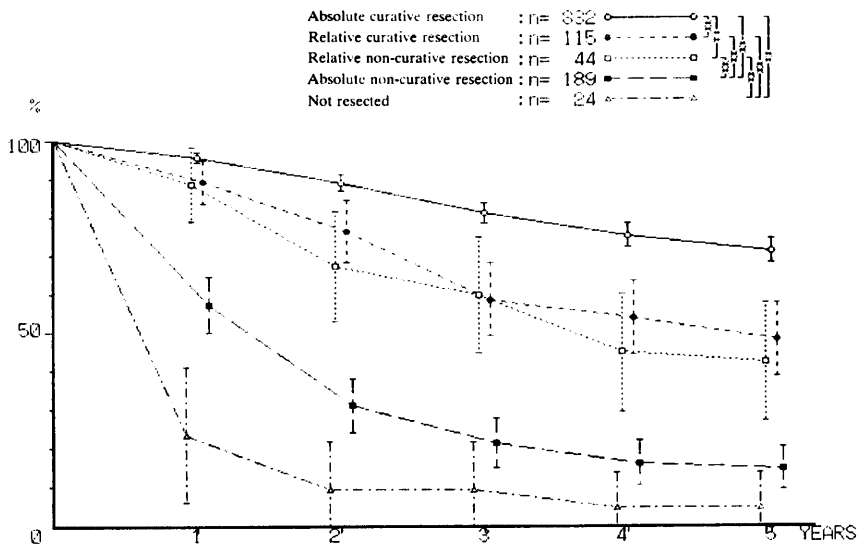
16-1 Macroscopic operative curability.
Colon, Male.



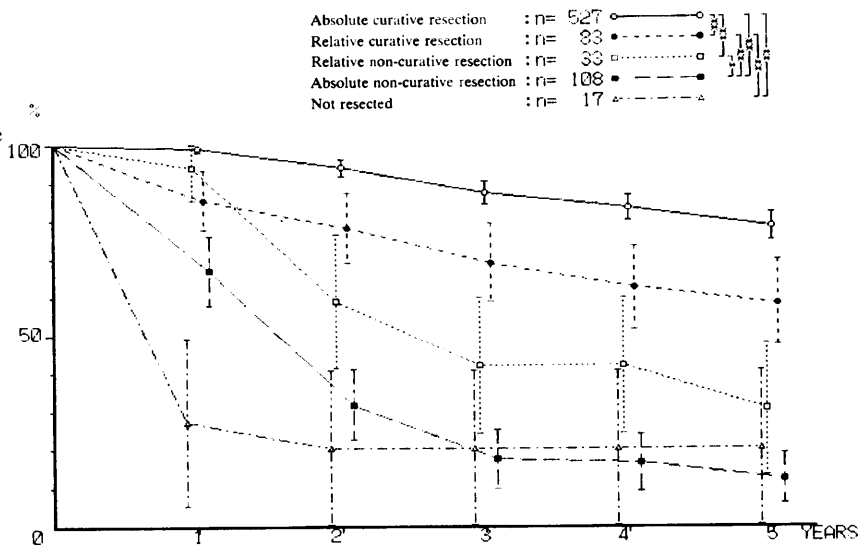
16-2 Macroscopic operative curability.
Colon, Female.



16-3 Macroscopic operative curability.
Rectum, Male.

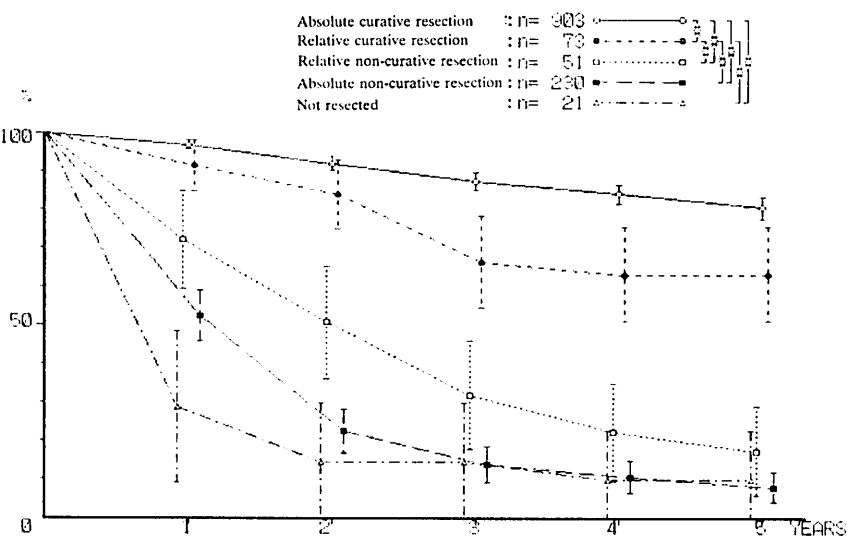


16-4 Macroscopic operative curability.
Rectum, Female.

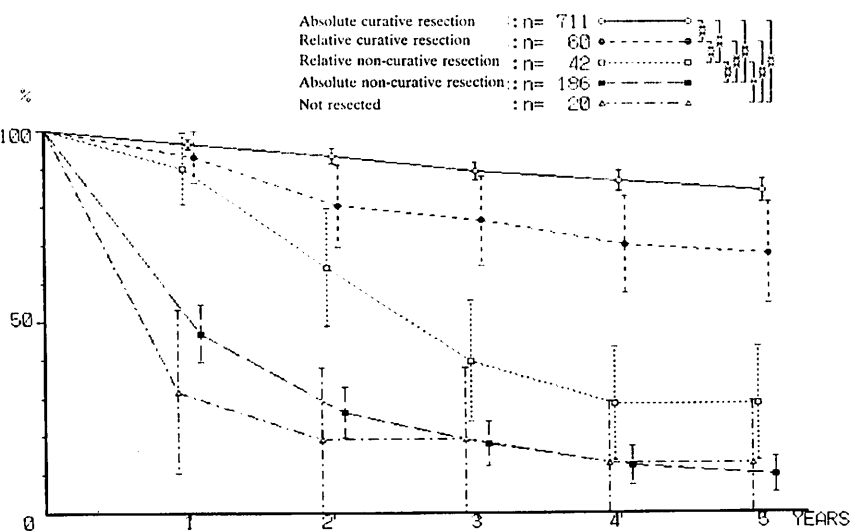


$\Delta P=0.01$ $\bullet P=0.05$

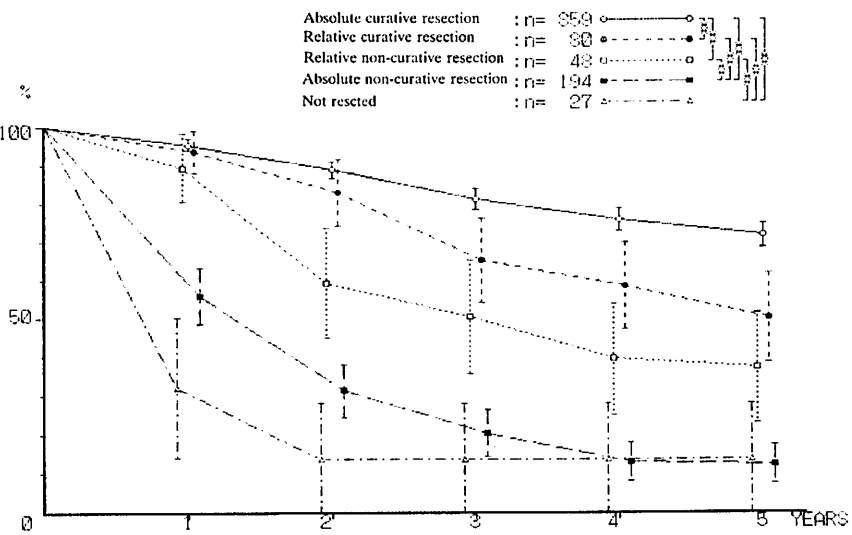
16-5 Histological operative curability.
Colon, Male.



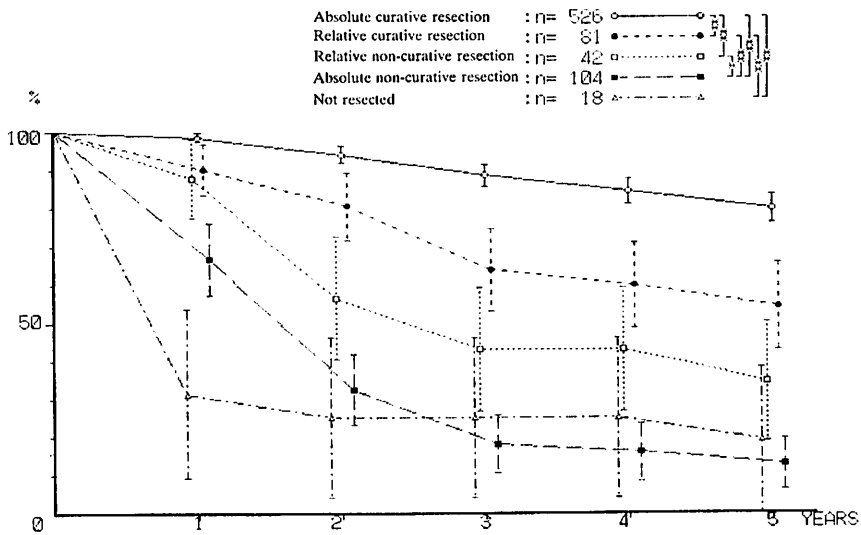
16-6 Histological operative curability.
Colon, Female.



16-7 Histological operative curability.
Rectum, Male.

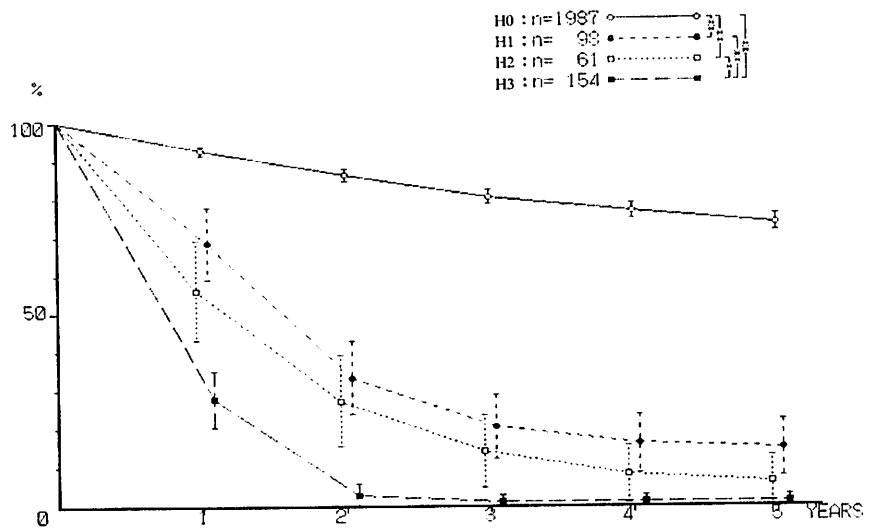


16-8 Histological operative curability.
Rectum, Female.

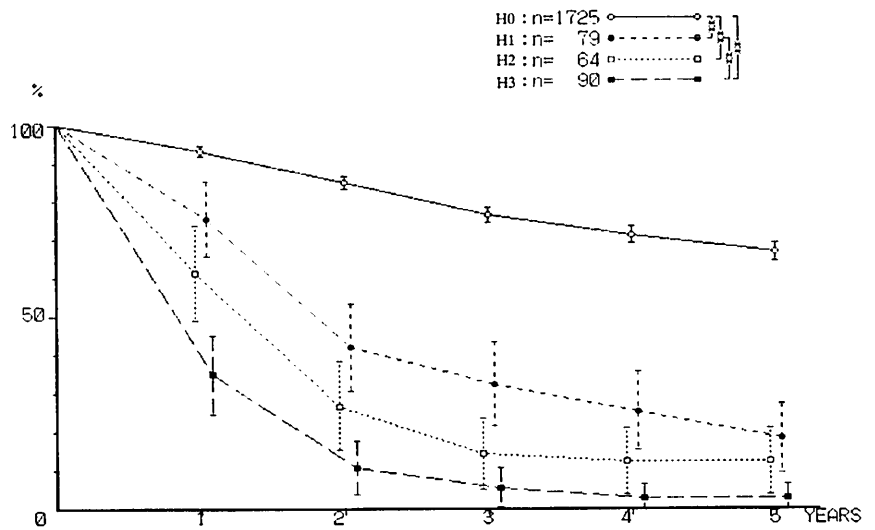


‡ P=0.01 * P=0.05

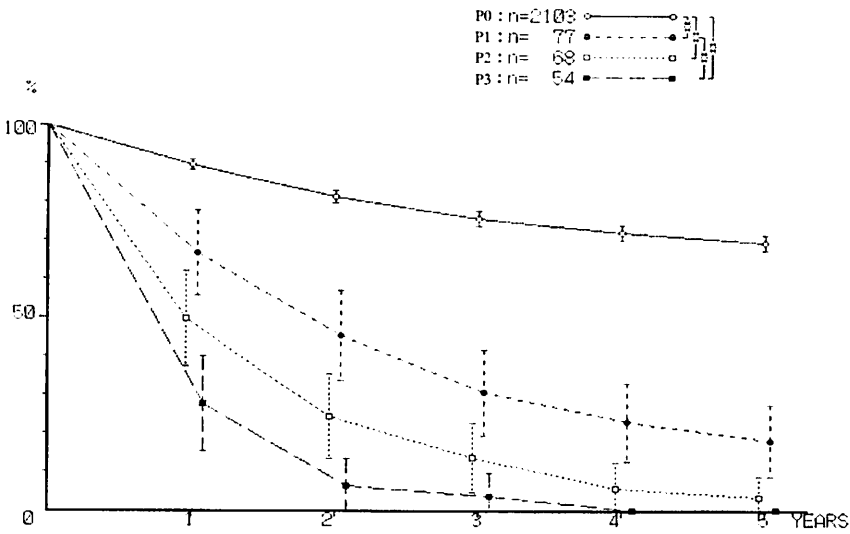
17-1 Hepatic metastasis.
Colon.



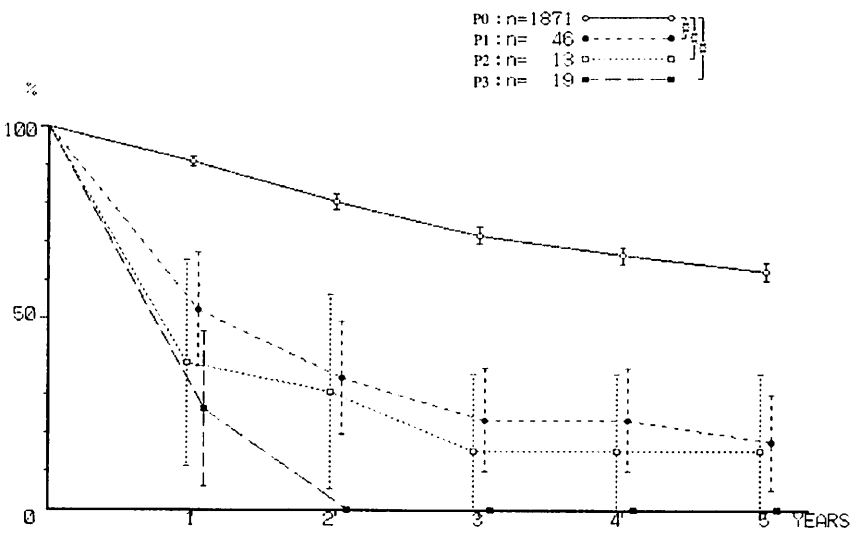
17-2 Hepatic metastasis.
Rectum.



18-1 Peritoneal disseminating metastasis.
Colon.

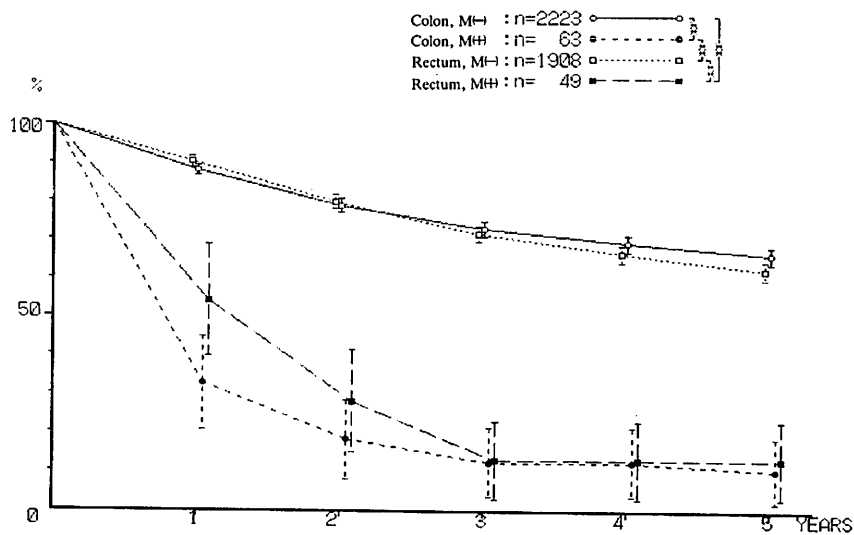


18-2 Peritoneal disseminating metastasis.
Rectum.

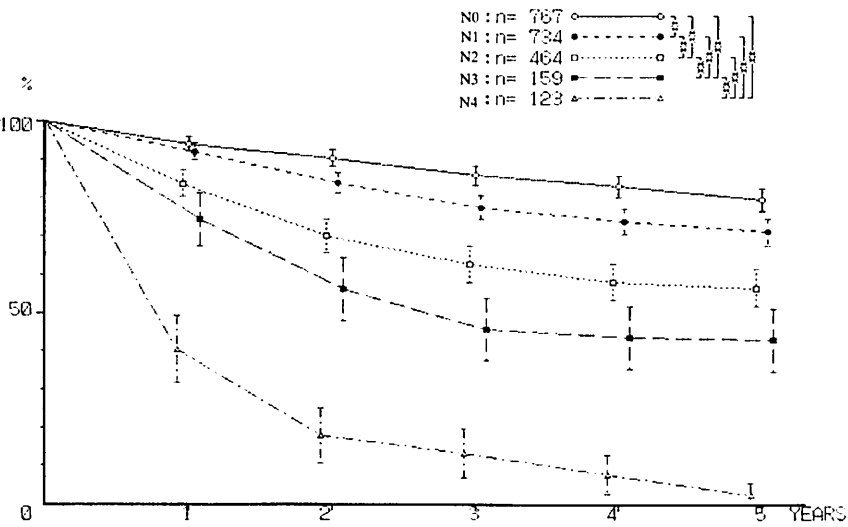


‡ P=0.01 * P=0.05

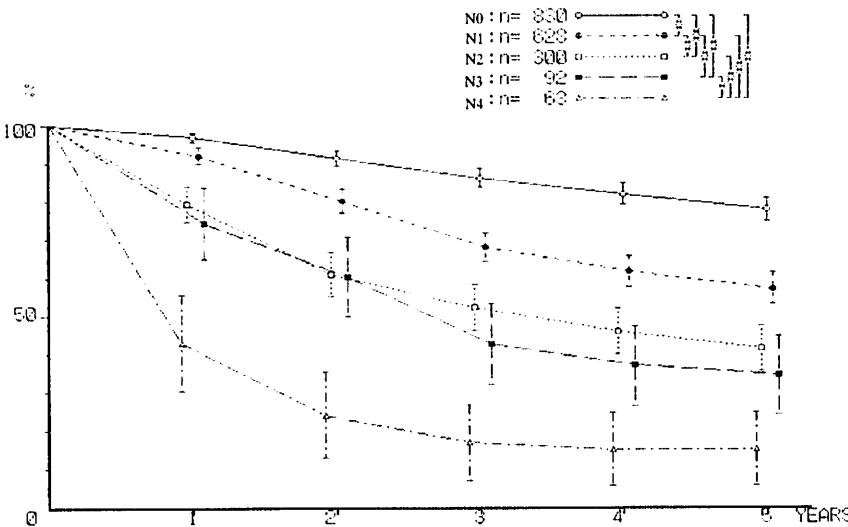
19-1, 2 Metastasis to remote organ.



20-1 Macroscopic lymph node metastasis
Colon.

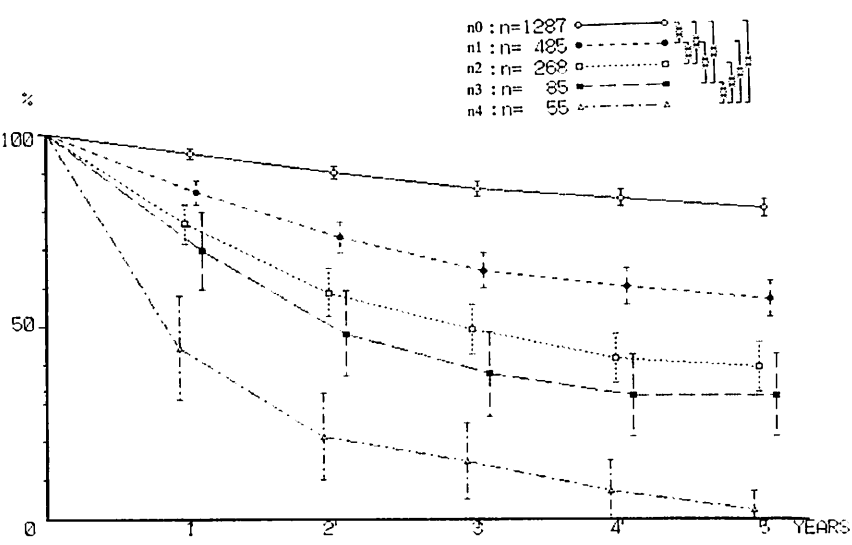


20-2 Macroscopic lymph node metastasis
Rectum.

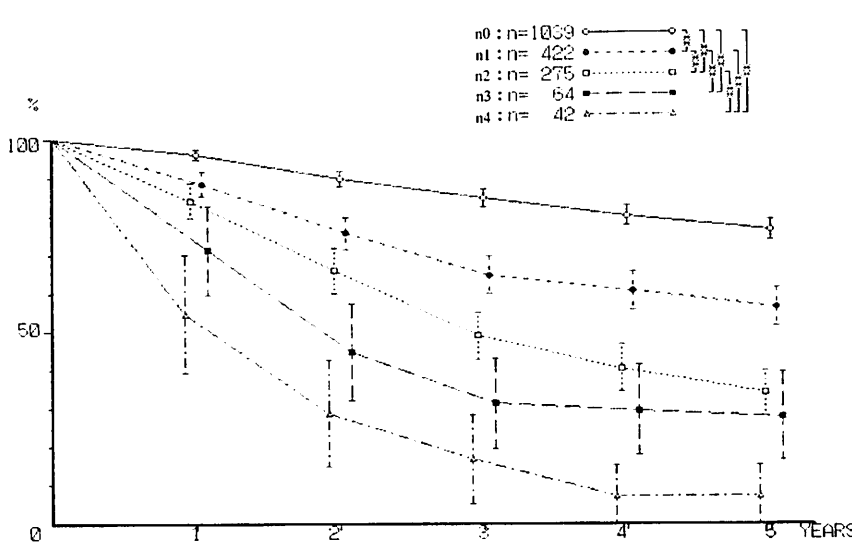


■ P=0.01 ▴ P=0.05

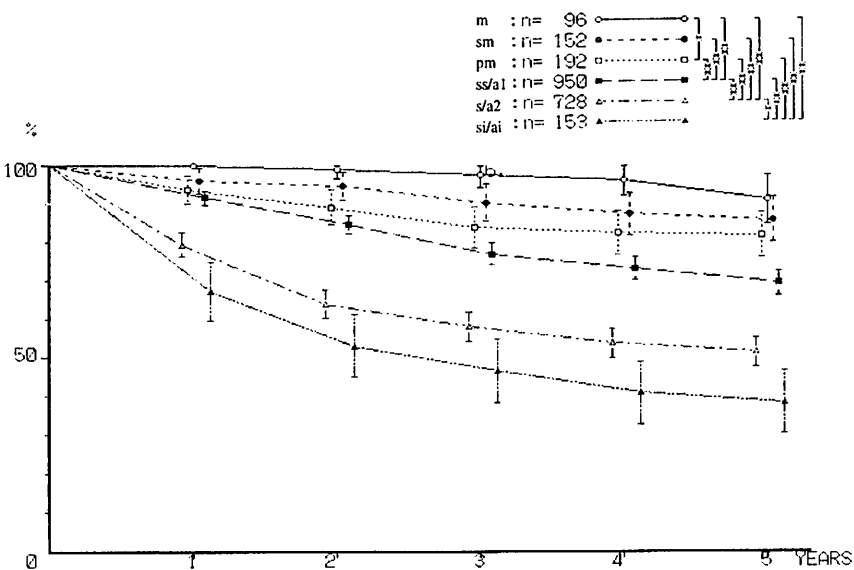
20-3 Histological lymph node metastasis.
Colon.



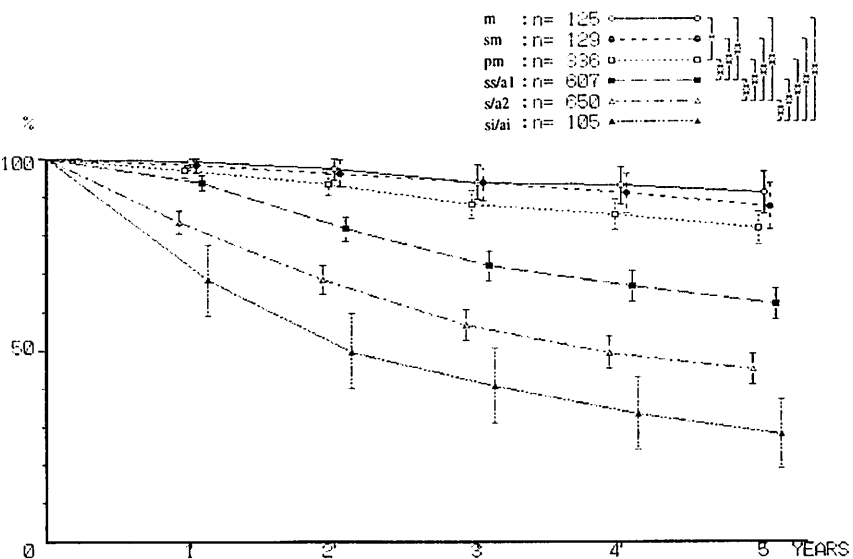
20-4 Histological lymph node metastasis.
Rectum.



21-1 Histological depth of
invansion.
Colon.

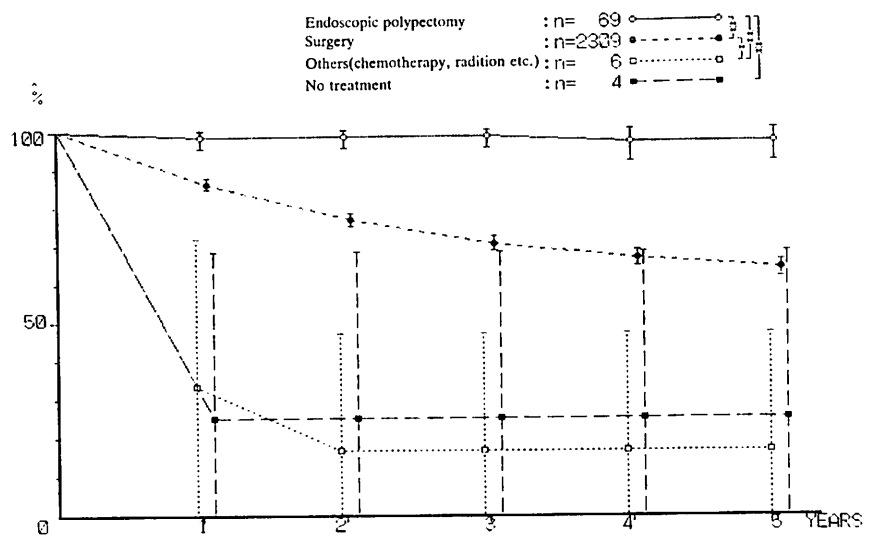


21-2 Histological depth of
invansion.
Rectum.

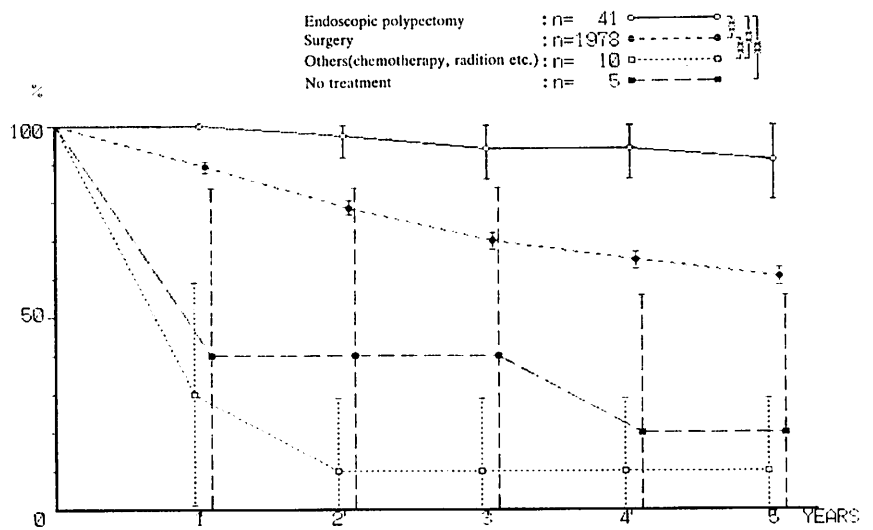


* P=0.01 ** P=0.05

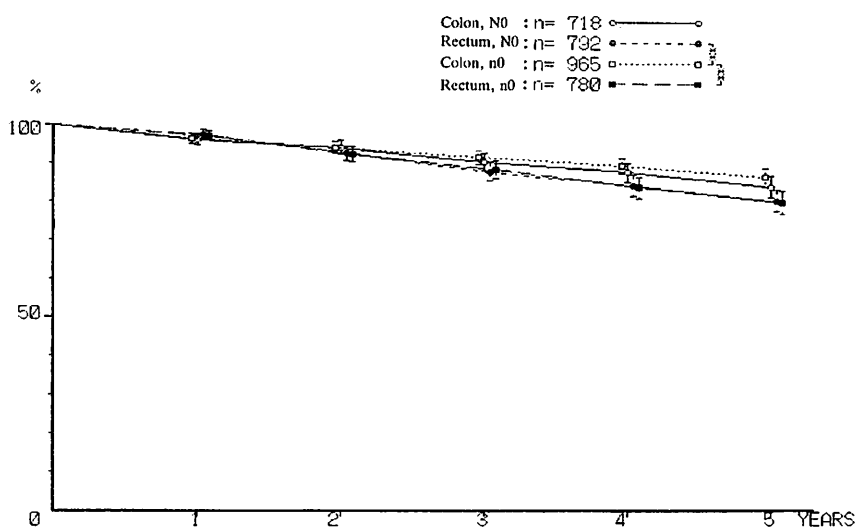
22-1 Modality of principal treatment.
Colon.



22-2 Modality of principal treatment.
Rectum.

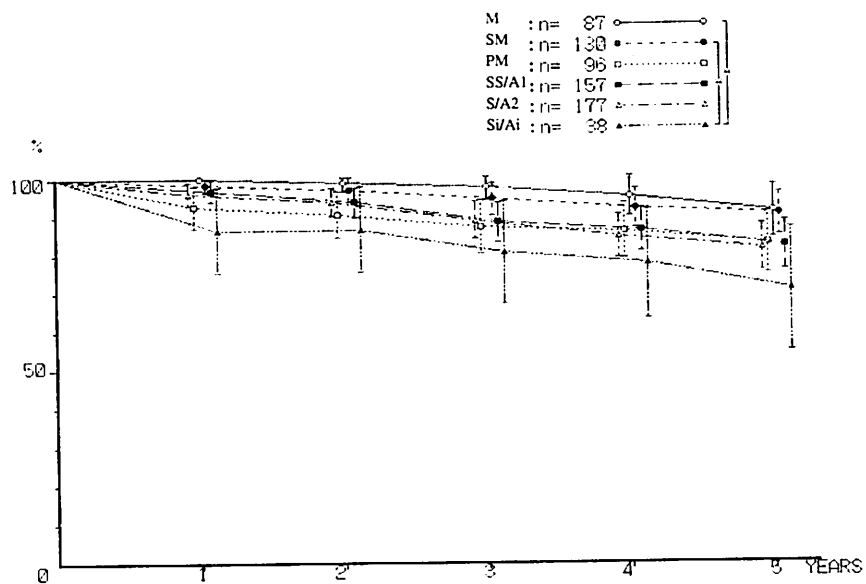


23

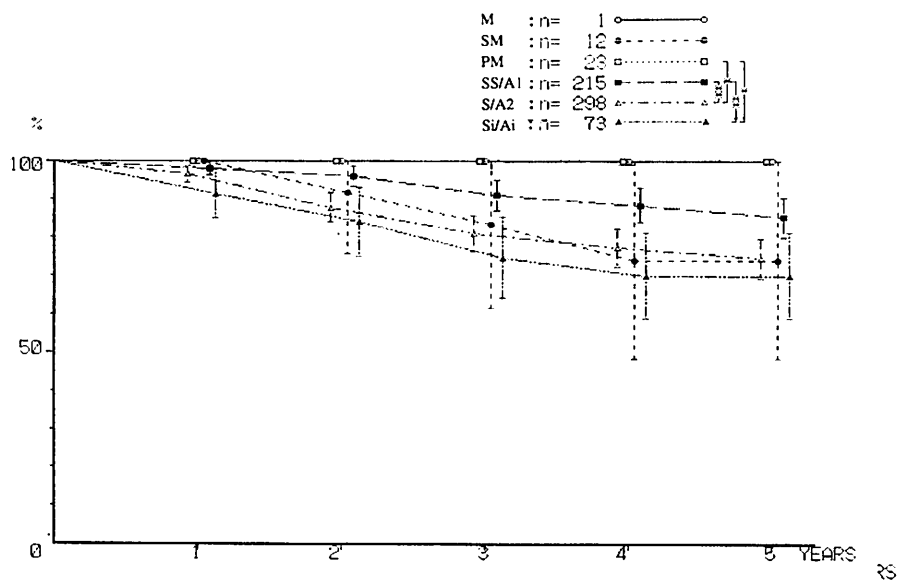
H0P0M(-)N0 or n0
Colon and Rectum.

* P=0.01 ** P=0.05

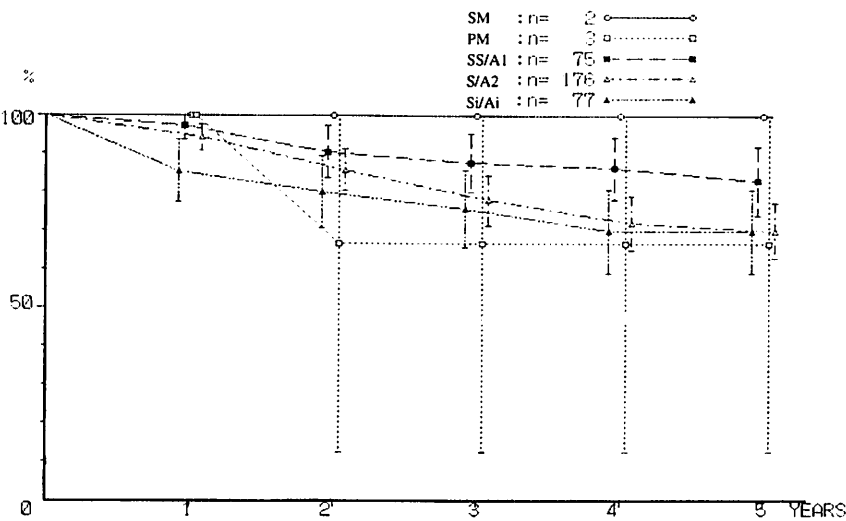
24-1 HOPOM(-)N0
Colon.



24-2 HOPOM(-)N1
Colon.

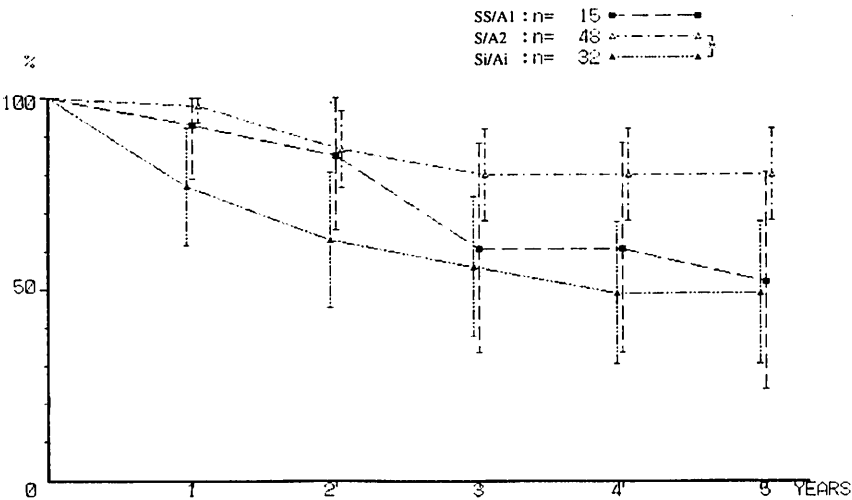


24-3 HOPOM(-)N2
Colon.



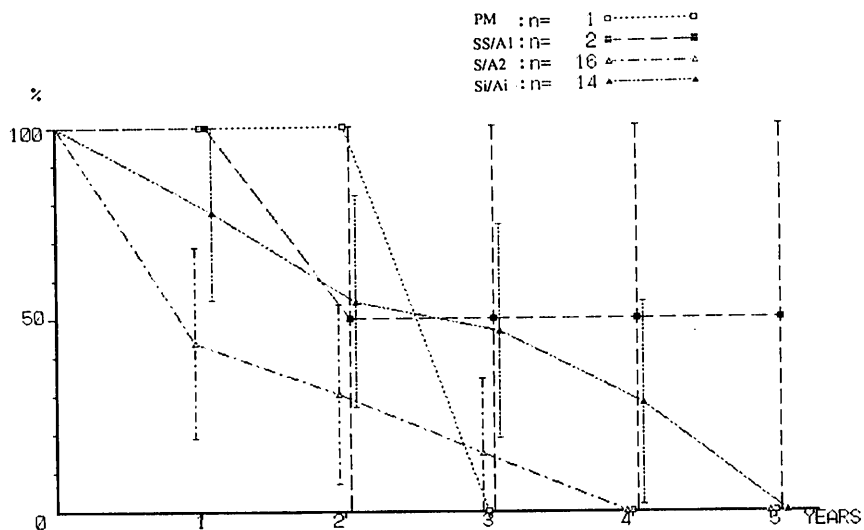
5

24-4 HOPOM(-)N3
Colon.

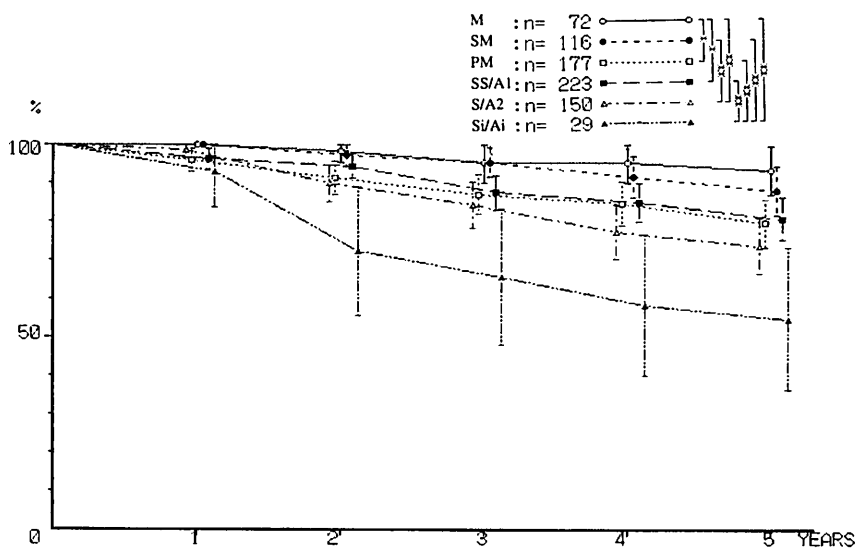


‡ P=0.01 * P=0.05

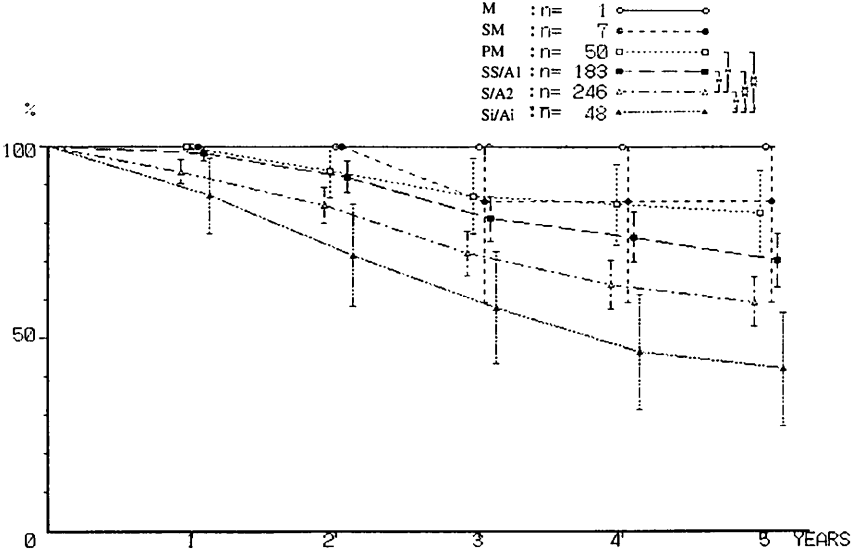
24-5 HOPOM(-)N4
Colon.



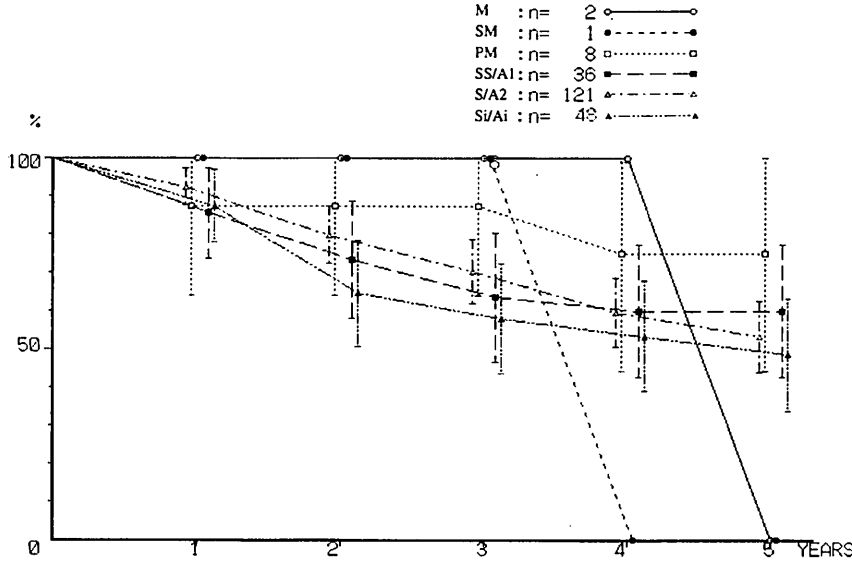
24-6 HOPOM(-)N0
Rectum.



24-7 HOPOM(-)N1
Rectum.

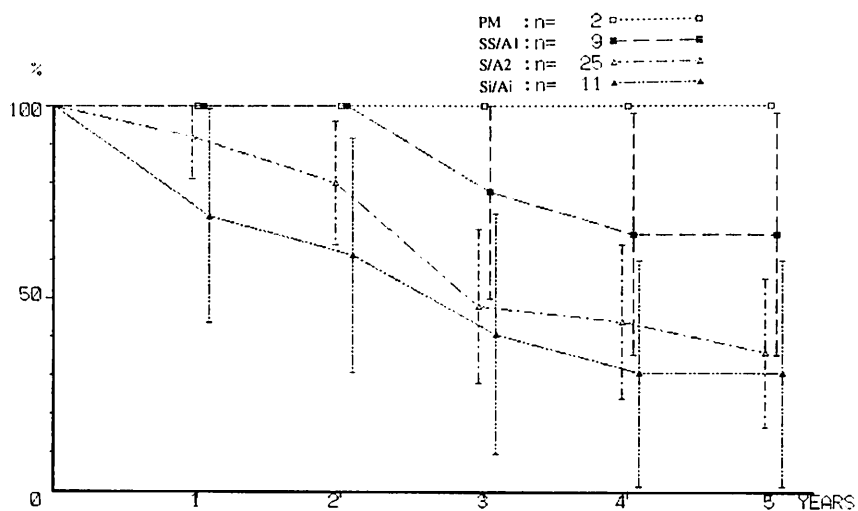


24-8 HOPOM(-)N2
Rectum.

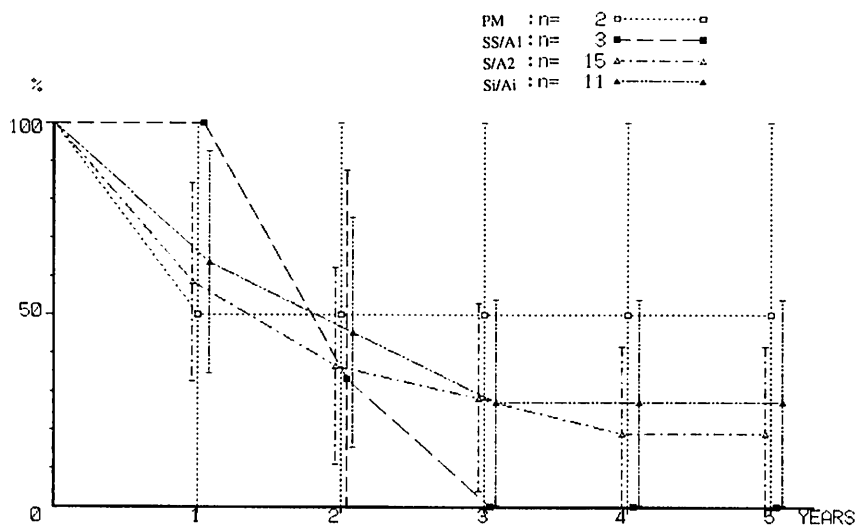


* P=0.01 ** P=0.05

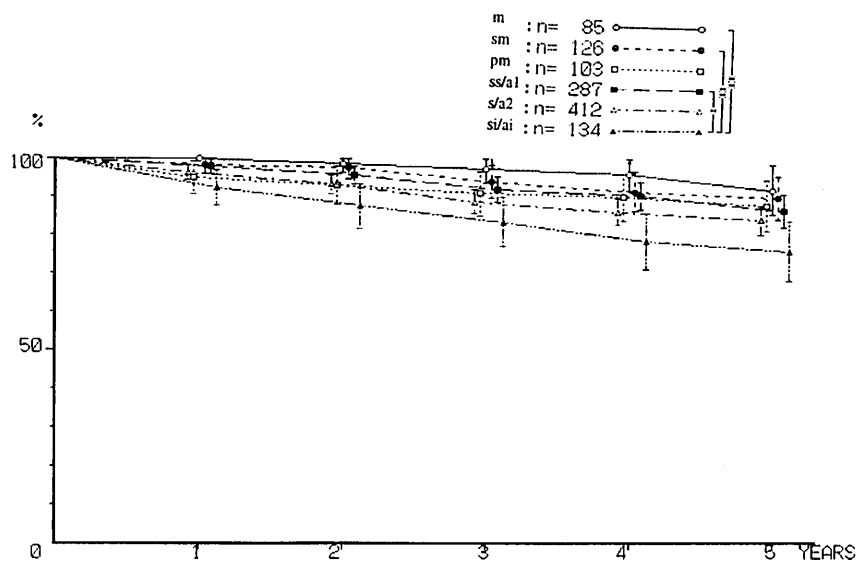
24-9 H0P0M(-)N3
Rectum.



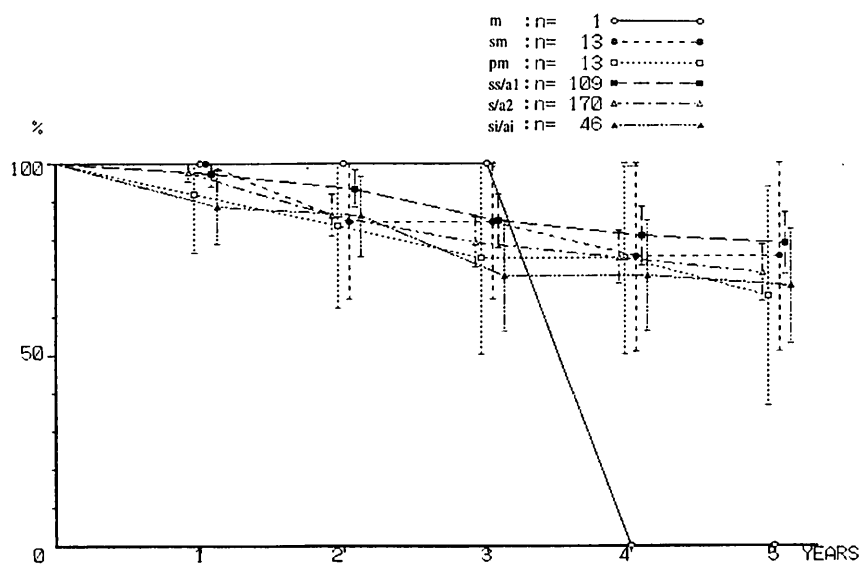
24-10 H0P0M(-)N4
Rectum.



25-1 H0P0M(-)n0
Colon.

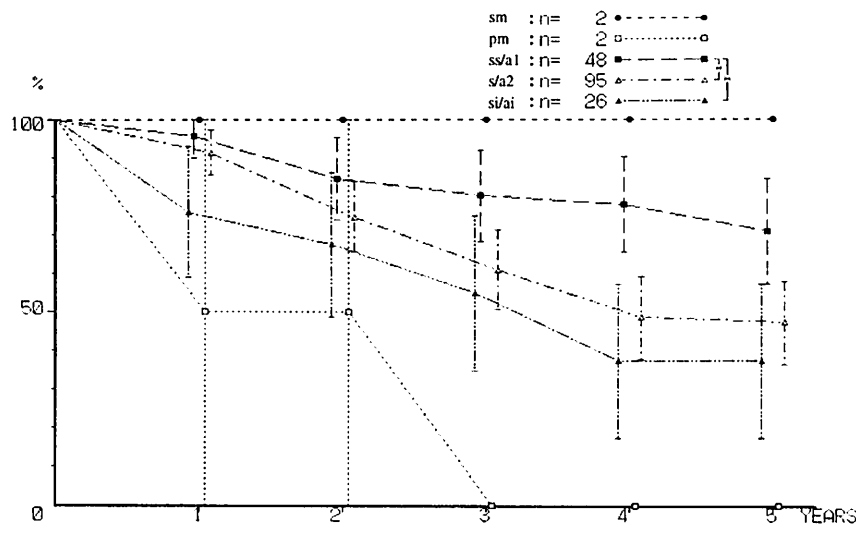


25-2 H0P0M(-)n1
Colon.

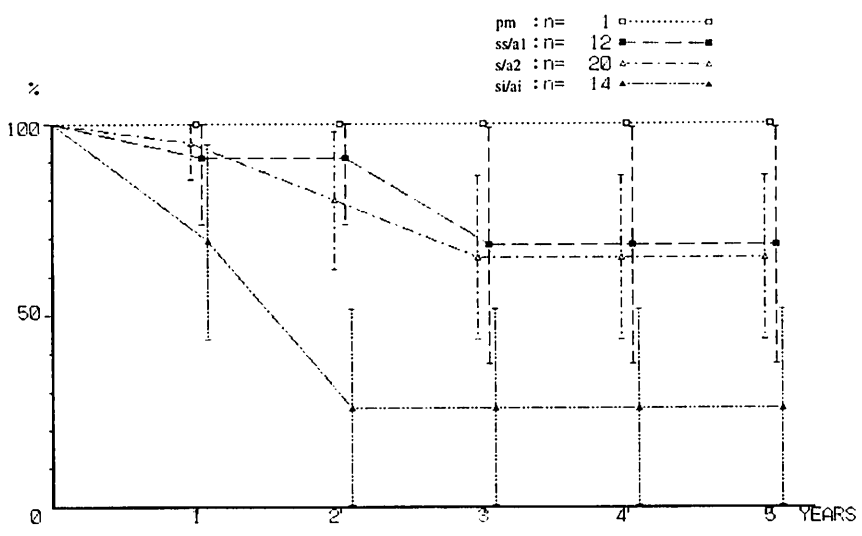


* P=0,01 * P=0,05

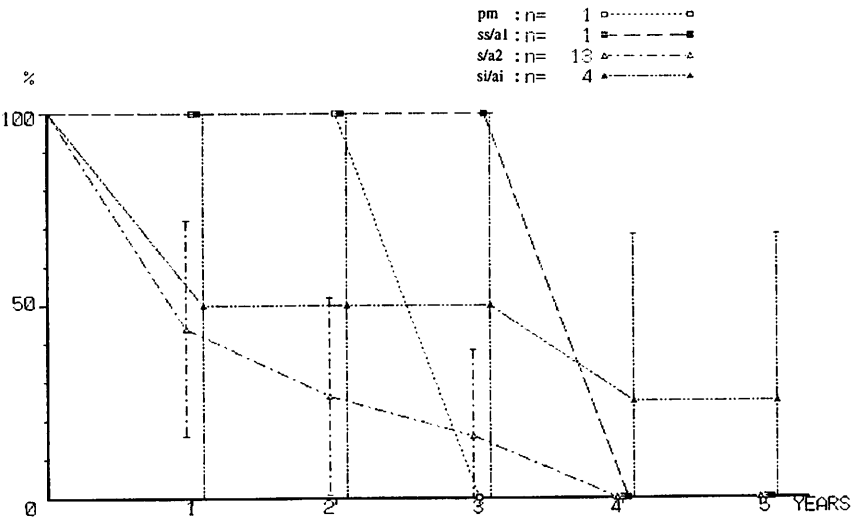
25-3 HOPOM(-)n2
Colon.



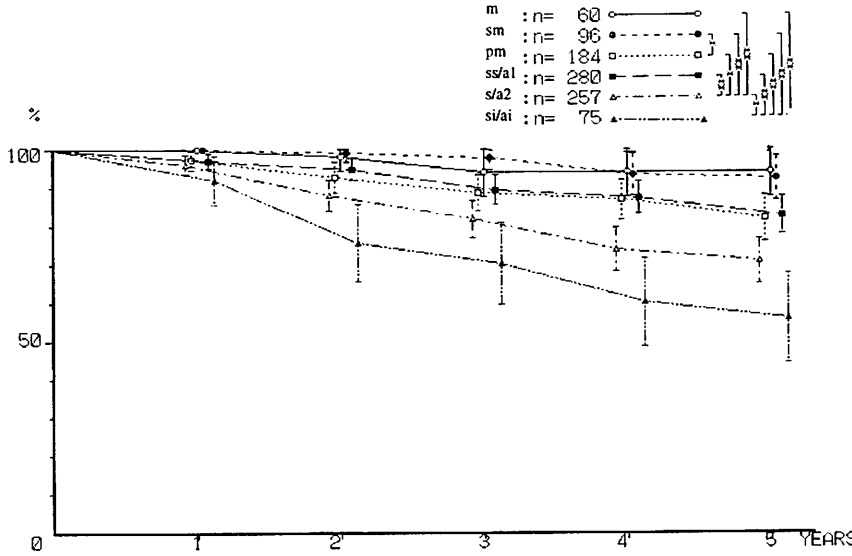
25-4 HOPOM(-)n3
Colon.



25-5 H0P0M(-)n4
Colon.

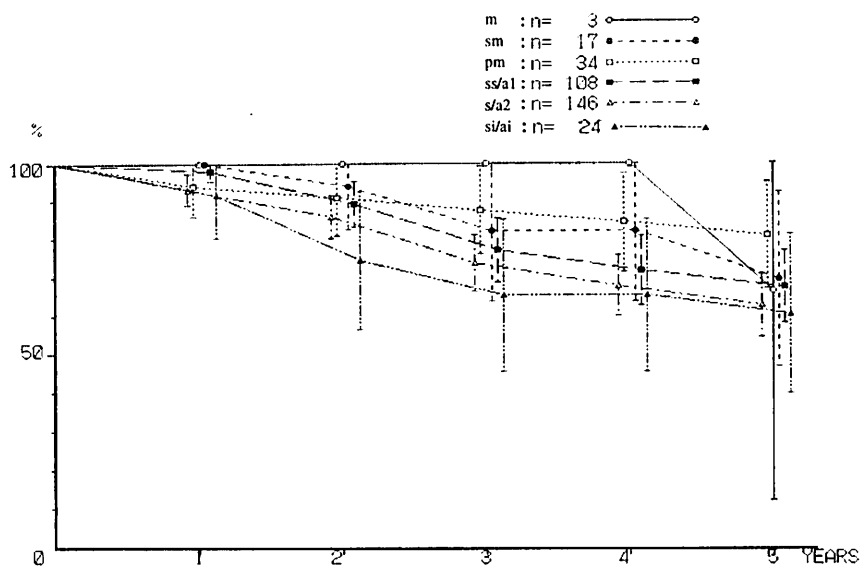


25-6 H0P0M(-)n0
Rectum.

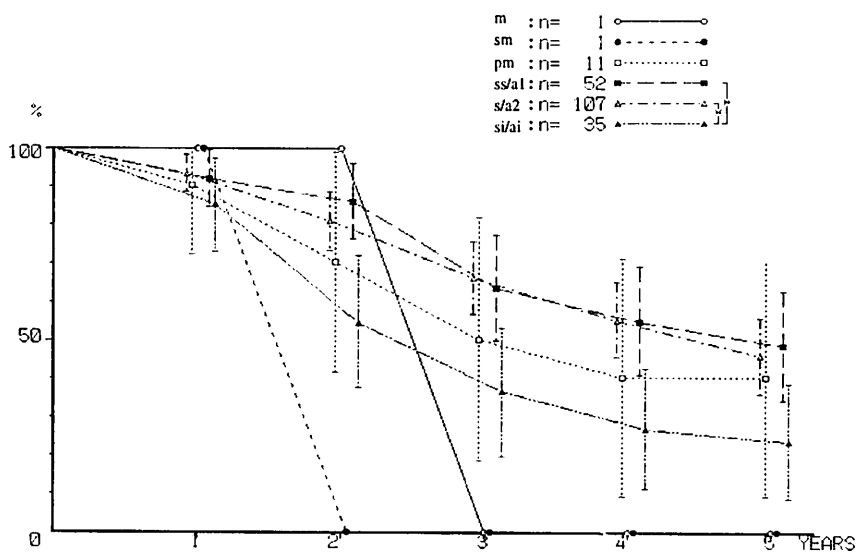


* P=0.01 * P=0.05

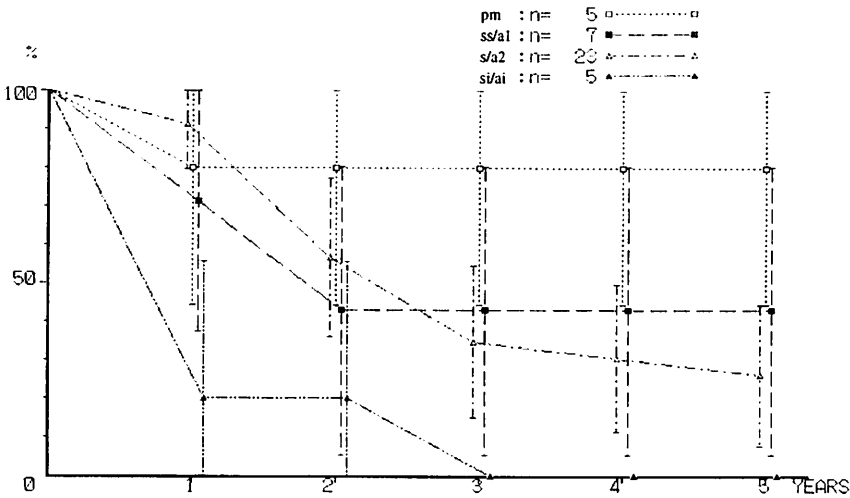
25-7 H0P0M(-)n1
Rectum.



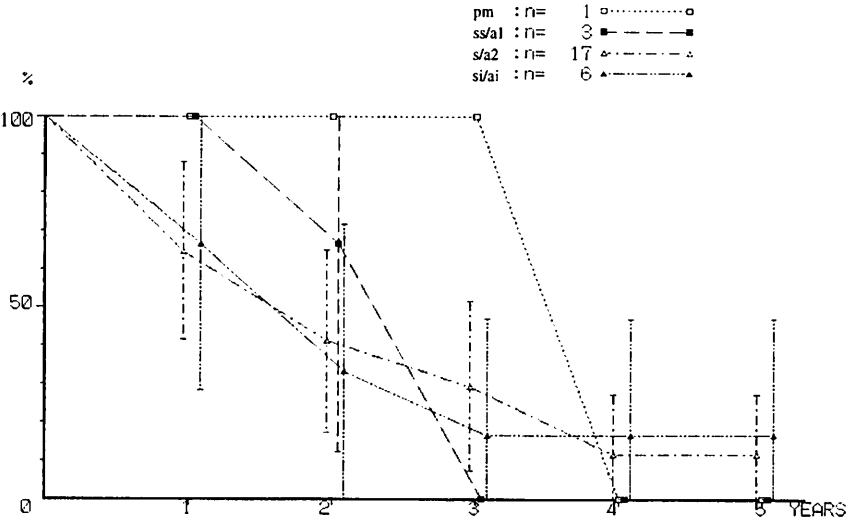
25-8 H0P0M(-)n2
Rectum.



25-9 HOPOM(-)n3
Rectum.

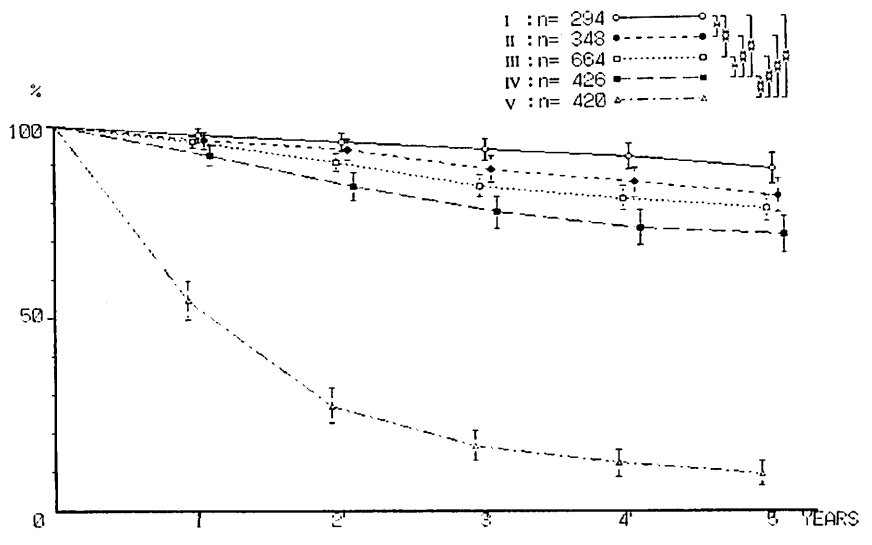


25-10 HOPOM(-)n4
Rectum.

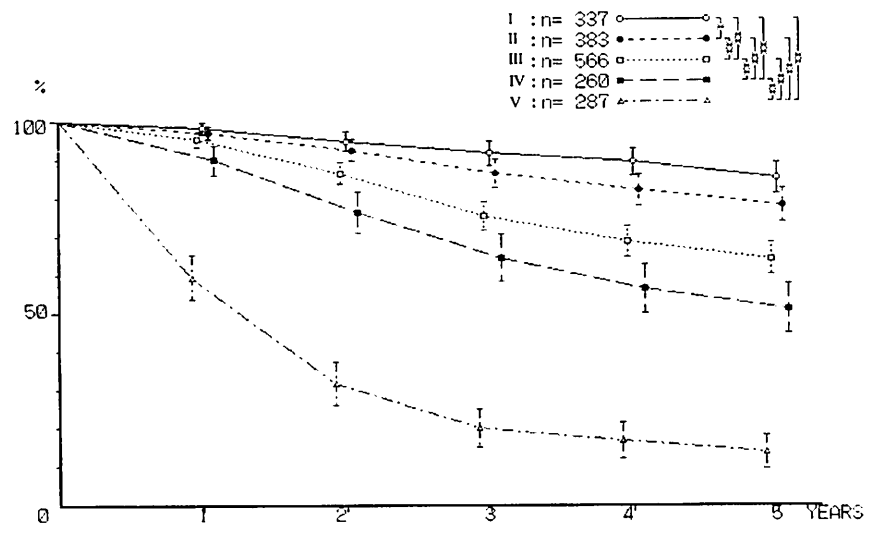


* P=0.01 * P=0.05

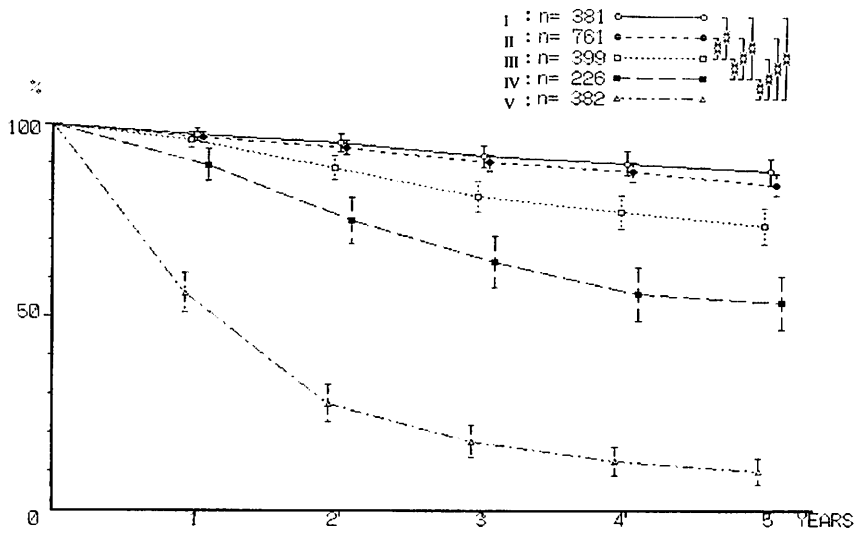
26-1 Clinical stage,
JSCCR.
Colon.



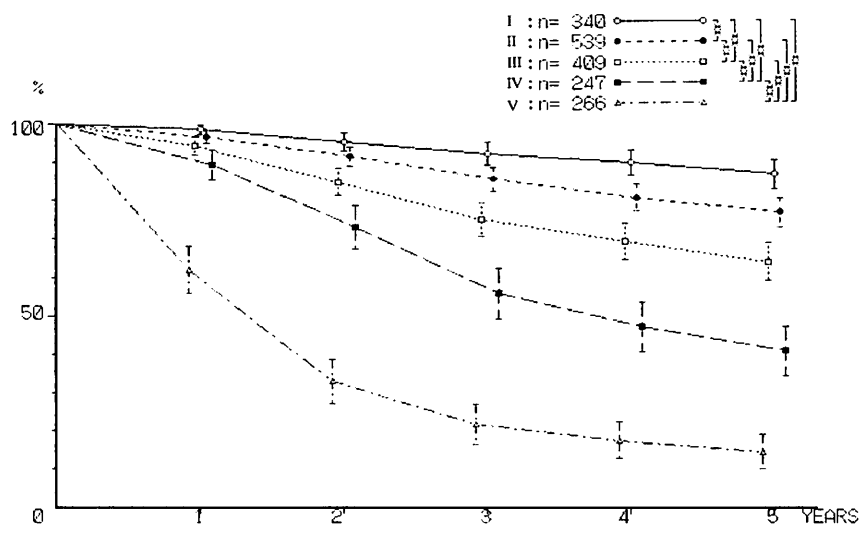
26-2 Clinical stage,
JSCCR.
Rectum.



26-3 Histological stage,
JSCCR.
Colon.

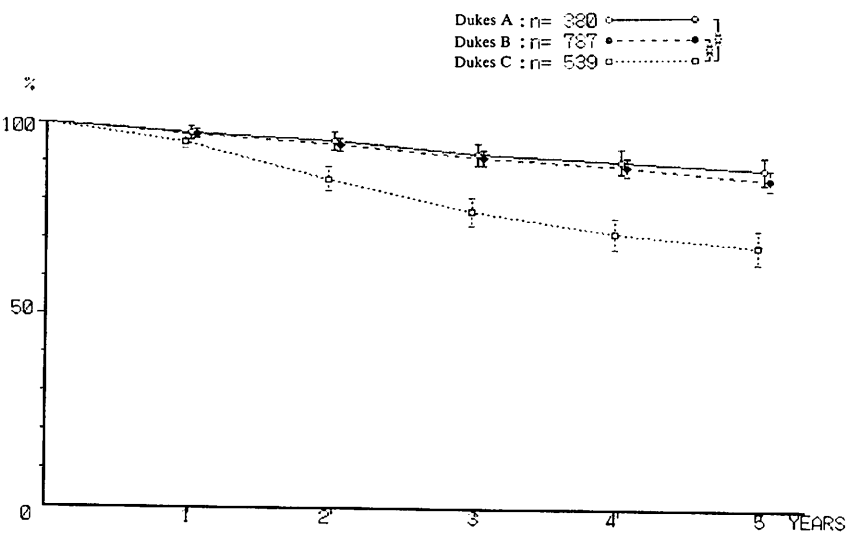


26-4 Histological stage,
JSCCR.
Rectum.

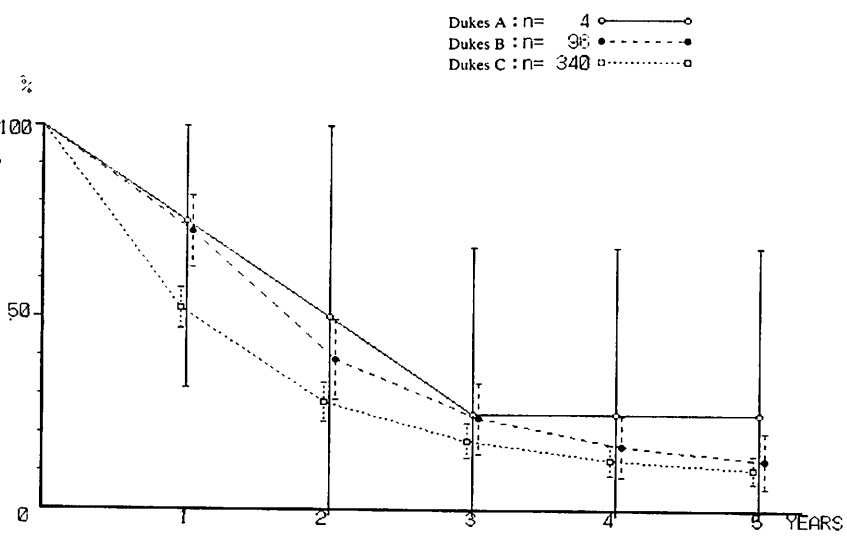


* P=0.01 * P=0.05

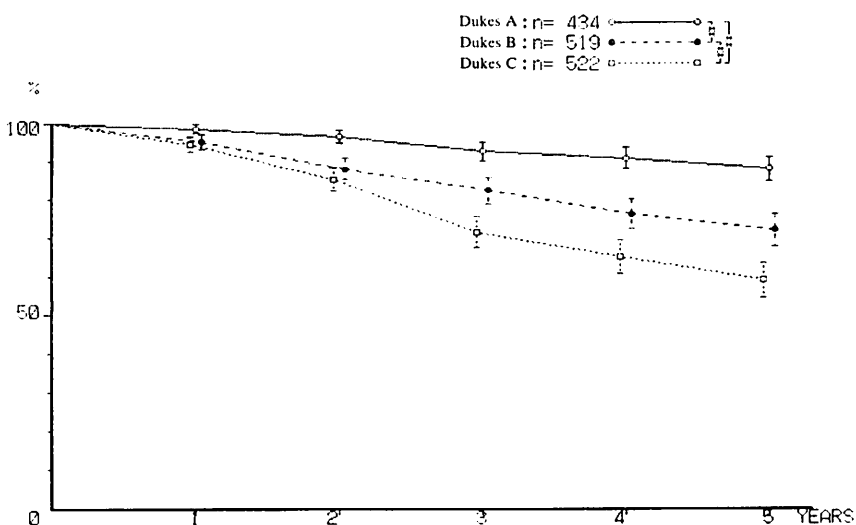
27-1 Dukes.
Curative resection,
Colon.



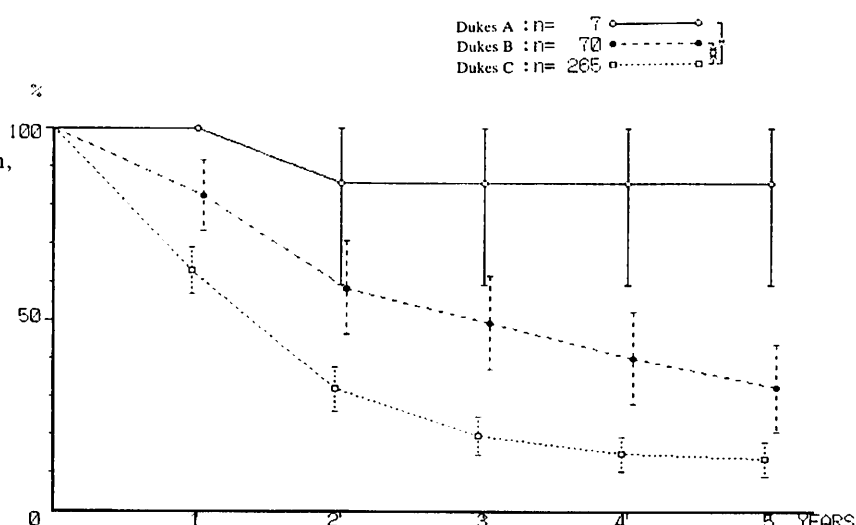
27-2 Dukes.
Non-curative resection,
Colon.



27-3 Dukes.
Curative resection,
Rectum.

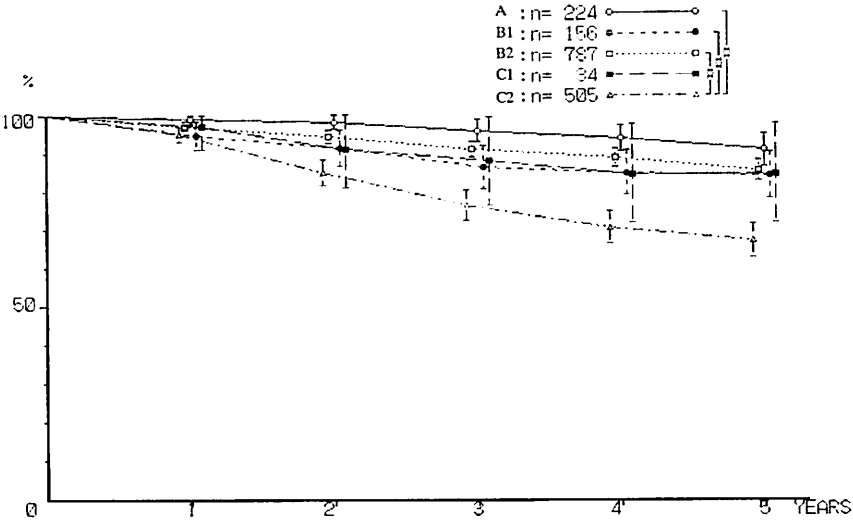


27-4 Dukes.
Non-curative resection,
Rectum.

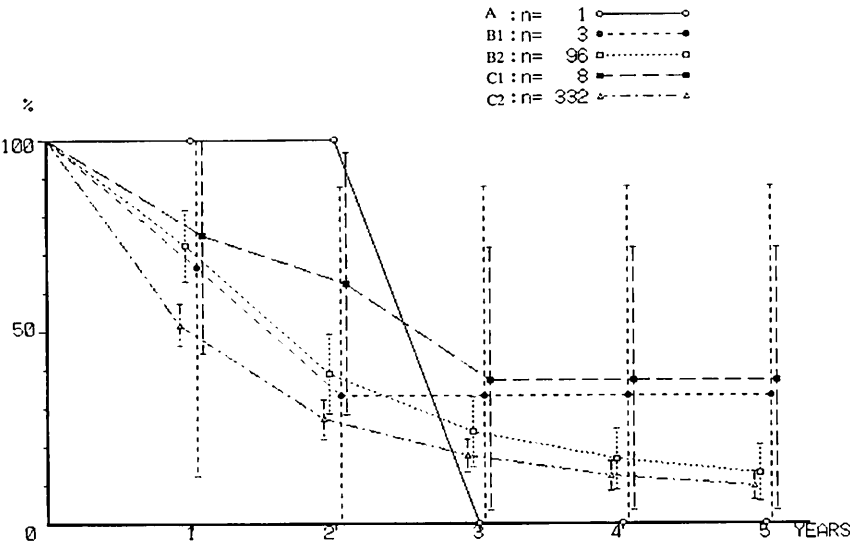


* P=0.01 * P=0.05

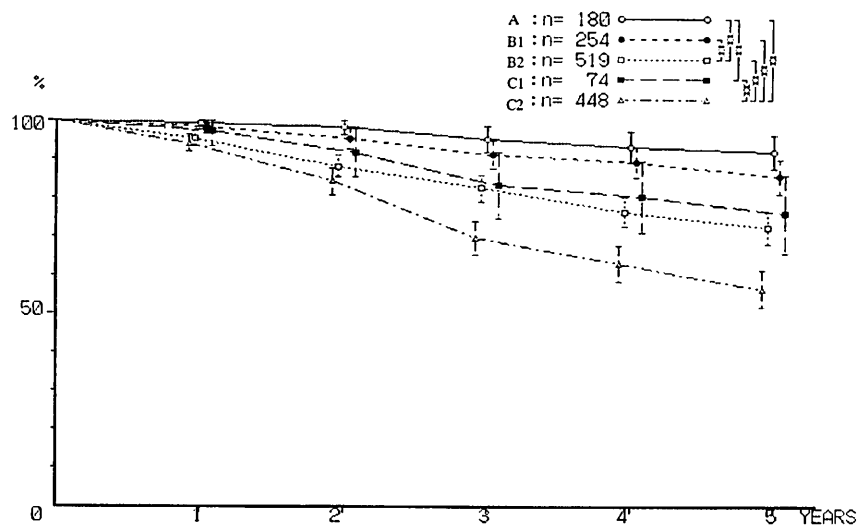
28-1 Astler-Coller.
Curative resection,
Colon.



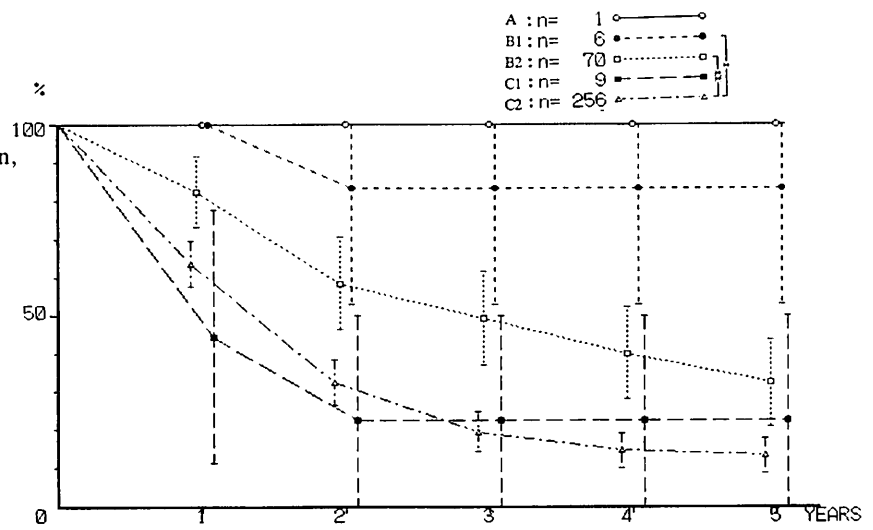
28-2 Astler-Coller.
Non-curative resection,
Colon.



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



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



* P=0.01 * P=0.05

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