

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

**Vol. 9
Cases treated in 1985**

Japanese Research Society for Cancer of the Colon and Rectum

Preface

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

In this series, of a total of 5,019 patients on file in 127 member institutes of JRSCCR, 4,704 were found to have undergone initial treatment for histologically confirmed malignant neoplasms during the period from January 1 to December 31, 1985, and were available for subsequent analysis.

All contents and items reported herein are entirely identical to those of the previously published issues (i.e. from Vol. 1 through Vol.8 except Vol.5) .

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Japanese Research Society for Cancer of the Colon and Rectum.

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1 Number of registered patients by institutes

Institute	Department	No. of registered cases	No. of cases analyzed ^{a)}		
			Total	Male	Female
Aichi Cancer Center Hospital	^{1) 2) 3)} Dpt GI Surg	117	115	66	49
Akita University School of Medicine	Dpt Surg I	36	35	22	13
Beppu National Hospital		45	41	18	23
Cancer Institute Hospital	Dpt Surg	93	93	59	34
Chiba Cancer Center	Dpt Surg	46	46	29	17
Dokkyo University School of Medicine	Dpt Surg I	19	19	10	9
Dokkyo University School of Medicine	Dpt Surg II	14	14	10	4
East Hospital, Kitasato University	⁴⁾ GE Center	49	44	26	18
Faculty of Medicine, Kagoshima University	Dpt Surg I	24	23	13	10
Faculty of Medicine, Kagoshima University	2nd Dept IM	21	20	16	4
Faculty of Medicine, Kyushu University	Dpt Surg II	21	20	15	5
Faculty of Medicine, University Tokyo	Dpt Surg I	43	40	28	12
Faculty of Medicine, University Tokyo	Dpt Surg II	18	17	9	8
Fujieda City Shida Hospital	Dpt Surg	38	37	22	15
Fujita Health University School of Medicine	Dpt Surg (Miura)	23	21	13	8
Fujita Health University School of Medicine	Dpt Surg (Funabiki)	14	13	8	5
Fukui Medical School	Dpt Surg I	27	25	16	9
Fukui Prefectural Hospital	Dpt Surg I	70	64	40	24
Fukushima Medical College	Dpt Surg I	9	8	5	3
Gifu University School of Medicine	Dpt Surg II	36	32	18	14
Gihoku General Hospital	Dpt Surg	12	10	4	6
Gunma Cancer Center	Dpt Surg	35	33	16	17
Gunma University School of Medicine	Dpt Surg II	19	19	13	6
Gunma University School of Medicine	Dpt Surg I	25	23	11	12
Hamamatsu Medical Center		57	56	38	18
Hamamatsu University School of Medicine	Dpt Surg II	17	17	10	7
Hiraga General Hospital	Dpt Surg	27	27	13	14
Hirosaki University, School of Medicine	Dpt Surg II	36	36	18	18
Hirosaki University, School of Medicine	⁵⁾ 1st Dpt IM	4	4	3	1
Hiroshima University School of Medicine	Dpt Surg II	41	40	26	14
Hokkaido University, School of Medicine	1st Dpt Surg	20	20	16	4
Hokuriku Central Hospital		11	11	6	5
Hyogo Medical Center for Adults	Dpt Surg	18	18	12	6
Institute of Medical Science, University of Tokyo	Dpt Surg	15	9	2	7
Iwakuni National Hospital		32	30	14	16
Iwate Medical University, School of Medicine	Dpt Surg I	35	35	18	17
Jichi Medical School, School of Medicine	⁶⁾ Dpt GI Gen Surg	47	46	26	20
Jikei University, School of Medicine	Dpt Surg II	40	40	22	18
Juntendo University, School of Medicine	Dpt Surg I	47	45	34	11
Kagawa Medical School	Dpt Surg I	26	23	15	8
Kanagawa Cancer Center	Dpt Surg	58	55	27	28
Kanazawa Medical University	Dpt Surg II	34	30	16	14
Kanto Rosai Hospital		22	21	5	16
Kariya General Hospital.		32	27	15	12
Kasumigaura National Hospital	Dpt Surg	29	26	15	11

Institute	Department	No. of registered cases	No. of cases analyzed ^{a)}		
			Total	Male	Female
Kawasaki City Ida Hospital	Dpt Surg	28	25	16	9
Kawasaki Medical School	GE Surg	75	72	39	33
Kinki University School of Medicine	Dpt Surg I	72	70	36	34
Kosei General hospital	Dpt Surg	43	40	20	20
Kurume University, School of Medicine	Dpt Surg I	102	99	62	37
Kyorin University, School of Medicine	Dpt Surg I	21	16	6	10
Kyorin University, School of Medicine	Dpt Surg II	20	18	8	10
Kyoto 1st Red Cross Hospital	Dpt Surg	47	44	19	25
Kyoto National Hospital	Dpt Surg	60	59	27	32
Kyoto University, Faculty of Medicine	Dpt Surg I	37	36	25	11
Kyoto University, Faculty of Medicine	Dpt Surg II	19	19	14	5
Medical School, Nagoya City University	Dpt Surg I	41	41	20	21
Mito Kyodo General Hospital	Dpt Surg	23	22	13	9
Miyagi Medical Center for Adults	Dpt Surg	44	42	21	21
Nagasaki University, School of Medicine	Dpt Surg I	32	32	14	18
Nagoya National Hospital		62	57	26	31
Nagoya University School of Medicine	Dpt Surg I	18	14	6	8
Nagoya University School of Medicine	Dpt Surg II	21	20	11	9
Nakamura Memorial Hospital		5	5	2	3
Nara Medical University	Dpt Surg I	38	38	25	13
National Cancer Center Hospital	Dpt Surg	89	76	39	37
National Defense Medical College	Dpt Surg I	87	80	38	42
National Fukuoka Central Hospital		75	69	38	31
National Kyushu Cancer Center	Dpt GE Surg	70	65	27	38
National Okura Hospital	Dpt Surg	27	25	11	14
National Sapporo Hospital Hokkaido Cancer Center		25	22	6	16
Nihon University, School of Medicine	Dpt Surg III	63	54	29	25
Niigata Cancer Center Hospital	Dpt Surg	71	66	26	40
Niigata Central Hospital	Dpt Surg	39	38	20	18
Nippon Medical School	Dpt Surg I	42	42	27	15
Nippon Medical School	Dpt Surg II	32	32	19	13
Nishinomiya Municipal Central Hospital		27	23	12	11
Nogaki Hospital	Dpt Surg	43	43	25	18
Okayama University, School of Medicine	Dpt Surg I	18	18	13	5
Okayama 1st Red Cross Hospital	Dpt Surg	32	28	19	9
Okayama Rosai Hospital	Dpt Surg	17	11	2	9
Oomoto Hospital		18	18	9	9
Osaka Medical Center for Adults	Dept IM	14	12	9	3
Osaka Medical College	Dpt Surg	54	50	33	17
Osaka National Hospital	Dpt Surg	91	89	54	35
Red Cross Ashikaga Hospital	Dpt Surg	24	23	11	12
Red cross Sendai Hospital	Dpt Surg	11	11	6	5
Research Institute for Microbial Diseases, Osaka University	Dpt Surg	18	16	9	7
Research Institute for Nuclear and Biology, Hiroshima University	Dpt Surg	10	9	7	2
Saitama Medical Center	Dpt Surg II	12	12	5	7

Institute	Department	No. of registered cases	No. of cases analyzed ^{a)}		
			Total	Male	Female
Saitama Medical School	Dpt Surg I	27	26	12	14
Sapporo Medical College	1st Dpt Surg	47	45	28	17
Sapporo-Kosei General Hospital	Dpt Surg	60	52	26	26
School of Medicine, Chiba University	Dpt Surg II	49	47	26	21
School of Medicine, Chiba University	Dpt Surg I	23	22	15	7
School of Medicine, Gifu University	Dpt Surg I	36	25	16	9
School of Medicine, Kanazawa University	Dpt Surg II	26	26	18	8
School of Medicine, Keio University	Dpt Surg	81	77	52	25
School of Medicine, Kitasato University		5	4	3	1
School of Medicine, Mie University	Dpt Surg I	10	9	7	2
School of Medicine, Mie University	Dpt Surg II	43	38	23	15
School of Medicine, Tokai University	Dpt Surg II	48	45	23	22
School of Medicine, University of Tokushima	Dpt Surg I	19	17	11	6
Sendai National Hospital	Dpt Surg	49	43	27	16
Shikoku Cancer Center Hospital	Dpt Surg	32	31	22	9
Shimada Municipal Hospital	Dpt Surg	36	26	15	11
Shizuoka Red Cross Hospital	Dpt Surg	36	33	25	8
Social Insurance Central Hospital, Colo-proctology Center		91	87	61	26
Southern Region Hospital	Dpt Surg	12	12	5	7
St. Marianna University School of Medicine	Dpt Surg I	20	19	9	10
Takano Hospital Colo-proctology Center		187	172	109	63
Teikyo University Hospital, Mizonokuchi	Dpt Surg	2	1	1	0
Teikyo University School of Medicine	Dpt Surg I	23	22	11	11
Toho University, School of Medicine	Dpt Surg I	64	61	43	18
Toho University, School of Medicine, Ohashi Hospital		18	17	9	8
Tohoku University, School of Medicine	Dpt Surg I	51	44	24	20
Tokyo Medical and Dental University, School of Medicine	Dpt Surg II	31	30	15	15
Tokyo Medical College	Dpt Surg	23	22	15	7
Tokyo Medical College, Kasumigaura Hospital	Dpt Surg III	53	50	33	17
Tokyo Metropolitan Cancer Detection Center		14	12	7	5
Tokyo Metropolitan General Hospital	Dpt Surg	98	94	43	51
Tokyo Metropolitan Hiroo Hospital	Dpt Surg	41	38	21	17
Tokyo Women's Medical College	Dpt Surg II	31	25	13	12
Tokyo Women's Medical College	Institute of GE ⁷⁾	122	120	75	45
Tokyo Women's Medical College, Second Hospital	Dpt Surg	44	40	22	18
Tottori University, Faculty of Medicine	Dpt Surg I	48	48	22	26
Yamagata Prefectural Central Hospital	Dpt Surg	100	95	50	45
Total		5019	4704	###	2025

1) Dpt: Department, 2) GI: Gastrointestinal, 3) Surg: Surgery, 4) GE: Gastroenterological

5) IM: Internal Medicine, 6) Gen: General, 7) GE: Gastroenterology,

a) : Cases with an omission of following terms were excluded from analysis

1. Histological features
2. Date of Birth
3. Date of Treatment.
4. Sex
5. Location of Tumor.

2-1 Patients analyzed

Histological type, Site and Sex

Histological type	Site	Total No.	Sex	
			male	female
Adenocarcinoma ^{a)}	Colon	2,406	1,305	1,101
	Rectum	2,226	1,348	878
Other malignancies ^{b)}	Colon	23	7	16
	Rectum	49	19	30
Total		4,704	2,679	2,025

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 Patients analyzed

Histological type, Site and Surgical treatment

Histological type	Site	Surgery ^{a)}		
		Yes	No	Total
Adenocarcinoma	Colon	2,398	[62] ^{b)}	8
	Rectum	2,221	[28]	5
	Total	4,619	[90]	13
Other malignancies	Colon	23	[0]	0
	Rectum	49	[0]	0
	Total	72	[0]	0
Grand	Total	4,691	[90]	13
				4,704

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	26	0.6	17	9
Endoscopic polypectomy	90	1.9	62	28
Surgery	4,557	96.9	2,339	2,218
Cryosurgery	3	0.1	1	2
Electric cautery therapy	0		0	0
Radiation	2	0.04	0	2
Chemotherapy	26	0.6	10	16
Other modalities	0		0	0
Total	4,704	100	2,429	2,275

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

4-1 Age incidence

		Age										Male
		Total	-9	-19	-29	-39	-49	-59	-69	-79	80-	unknown
Colon	I	1	0	0	0	0	0	1	0	0	0	0
	V	6	0	0	0	0	2	1	1	2	0	0
	C	102	0	0	1	4	13	26	28	24	6	0
	A	214	0	0	2	7	28	45	60	61	11	0
	T	201	0	1	2	9	18	54	58	49	10	0
	D	123	0	0	0	9	16	39	29	25	5	0
	S	665	0	0	2	13	63	200	190	152	45	0
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		1,312	0	1	7	42	140	366	366	313	77	0
Rectum	Rs	307	0	0	0	14	38	71	86	90	8	0
	Ra	423	0	1	2	19	57	113	124	92	15	0
	Rb	594	0	0	7	31	70	184	175	110	17	0
	P	39	1	0	0	1	4	11	10	9	3	0
	E	4	0	0	0	0	0	0	1	1	2	0
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		1,367	1	1	9	65	169	379	396	302	45	0
Colon & Rectum		2,679	1	2	16	107	309	745	762	615	122	0

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

Rectum: Rs, rectosigmoid; Ra, rectum above the peritoneal reflection; Rb, rectum below the peritoneal reflection;

P, proctos; E, external skin.

NOS: Not otherwise specified. (Also in Table 5 through 13.)

4-2 Age incidence

		Age										Female
Site	Total	-9	-19	-29	-39	-49	-59	-69	-79	80-	unknown	
Colon	I	2	0	0	0	0	2	0	0	0	0	0
	V	11	0	1	0	1	1	5	1	2	0	0
	C	168	0	0	2	3	13	45	47	48	10	0
	A	192	1	0	0	3	28	39	61	48	12	0
	T	170	0	0	0	14	9	41	49	46	11	0
	D	74	2	0	2	4	14	17	14	14	7	0
	S	500	0	0	1	20	66	157	132	103	21	0
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		1,117	3	1	5	45	133	304	304	261	61	0
Rectum	Rs	171	0	0	0	6	22	50	55	28	10	0
	Ra	275	0	0	2	12	40	78	84	48	11	0
	Rb	426	1	0	2	20	64	106	135	85	13	0
	P	35	0	0	1	0	2	12	11	6	3	0
	E	1	0	0	0	0	0	0	0	1	0	0
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		908	1	0	5	38	128	246	285	168	37	0
Colon & Rectum		2,025	4	1	10	83	261	550	589	429	98	0

5-1 Gross appearance of primary lesions

Adenocarcinoma

		Total	Superficial	Protuberant	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Special	Unknown
Colon	I	3	0	0	0	3	0	0	0
	V	14	2	0	4	2	0	5	1
	C	262	5	34	165	38	1	3	16
	A	401	17	29	277	68	2	4	4
	T	369	21	27	263	50	2	0	6
	D	195	14	20	131	22	1	4	3
	S	1,162	158	102	749	105	12	6	30
	NOS	0	0	0	0	0	0	0	0
Total		2,406	217	212	1,589	288	18	22	60
Rectum	Rs	474	44	55	300	53	4	3	15
	Ra	693	55	61	463	82	6	6	20
	Rb	998	122	86	634	113	12	9	22
	P	59	7	6	27	10	1	5	3
	E	2	0	1	0	0	0	1	0
	NOS	0	0	0	0	0	0	0	0
Total		2,226	228	209	1,424	258	23	24	60
Colon & Rectum		4,632	445	421	3,013	546	41	46	120

Macroscopic classification of the tumor based on [Japanese 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.]

5-2 Gross appearance of primary lesions

Malignant neoplasms other than adenocarcinoma

		Total	Superficial	Protuberant	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Special	Unknown
Colon	I	0	0	0	0	0	0	0	0
	V	3	0	0	0	0	0	2	1
	C	8	0	2	4	0	0	0	2
	A	5	0	1	2	1	0	0	1
	T	2	0	0	2	0	0	0	0
	D	2	0	1	1	0	0	0	0
	S	3	0	1	2	0	0	0	0
	NOS	0	0	0	0	0	0	0	0
Total		23	0	5	11	1	0	2	4
Rectum	Rs	4	0	1	1	0	1	0	1
	Ra	5	0	2	3	0	0	0	0
	Rb	22	6	4	8	2	0	0	2
	P	16	0	3	6	2	1	3	1
	E	3	1	0	0	0	0	2	0
	NOS	0	0	0	0	0	0	0	0
Total		49	7	10	18	4	1	5	4
Colon & Rectum		72	7	15	29	5	1	7	8

6-1 Histological typing

Adenocarcinoma

		Total No. of cases	w/d	m/d	p/d	muc	sig	Adenoca' NOS
Colon	I	3	3	0	0	0	0	0
	V	14	3	2	1	5	3	0
	C	262	125	84	18	20	2	13
	A	401	183	142	25	29	2	20
	T	369	177	134	20	19	0	19
	D	195	115	64	4	6	0	6
	S	1,162	664	371	22	27	0	78
	NOS	0	0	0	0	0	0	0
Total		2,406	1,270	797	90	106	7	136
Rectum	Rs	474	250	184	8	9	4	19
	Ra	693	386	251	21	9	2	24
	Rb	998	499	385	23	40	12	39
	P	59	27	17	3	9	1	2
	E	2	0	0	0	2	0	0
	NOS	0	0	0	0	0	0	0
Total		2,226	1,162	837	55	69	19	84
Colon & Rectum		4,632	2,432	1,634	145	175	26	220

w/d: well-differentiated adenocarcinoma. m/d: moderately differentiated adenocarcinoma.
p/d: poorly differentiated adenocarcinoma. muc: mucinous carcinoma. sig: signet ring cell carcinoma.
Refer to the general rules of "JRSCCR" for details of the classification. See footnote to Table 5-1(page.8).

6-2 Histological typing

Malignant neoplasms other than adenocarcinoma

		Total No. of cases	sq	as	ud	Basaloid	cd	Melanom:	Leiomyo- blastoma	Leiomyo- sarcoma	Malignant lymphoma	Others
Colon	I	0	0	0	0	0	0	0	0	0	0	0
	V	3	1	0	0	0	1	0	0	0	0	1
	C	8	2	2	0	0	0	0	0	1	3	0
	A	5	0	2	2	0	0	0	0	0	1	0
	T	2	0	1	0	0	0	0	0	1	0	0
	D	2	0	0	1	0	0	0	0	0	0	1
	S	3	0	1	0	0	0	0	0	0	0	2
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		23	3	6	3	0	1	0	0	2	4	4
Rectum	Rs	4	0	2	0	0	0	0	0	0	0	2
	Ra	5	0	1	1	0	0	0	0	0	0	3
	Rb	22	4	2	0	0	7	3	0	2	1	3
	P	15	10	0	0	3	0	1	0	0	0	1
	E	3	0	0	0	1	0	0	0	0	0	2
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		49	14	5	1	4	7	4	0	2	1	11
Colon & Rectum		72	17	11	4	4	8	4	0	4	5	15

sq: squamous cell carcinoma. as: adeno-squamous carcinoma. ud: undifferentiated carcinoma.

basaloid: basaloid cell carcinoma. cd: carcinoïd.

7-1 Macroscopic operative curability

Male, Adenocarcinoma

		Curative resection			Non-curative resection		Not resected	Unknown
		Total	absolute	relative	relative	absolute		
Colon	I	1	0	0	1	0	0	0
	V	5	3	1	0	1	0	0
	C	100	50	14	7	23	5	1
	A	210	112	33	20	40	3	2
	T	193	128	18	9	33	2	3
	D	118	67	15	4	28	0	4
	S	626	386	86	30	102	8	14
	NOS	0	0	0	0	0	0	0
Total		1,253	746	167	71	227	18	24
Rectum	Rs	299	182	33	19	53	8	4
	Ra	414	265	51	22	59	14	3
	Rb	578	400	68	26	64	12	8
	P	35	19	4	5	5	0	2
	E	2	1	0	0	0	0	1
	NOS	0	0	0	0	0	0	0
Total		1,328	867	156	72	181	34	18
Colon & Rectum		2,581	1,613	323	143	408	52	42

Minimum requirements for "curative resection" are as follows

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

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

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

Refer to the general rules of "JRSCCR" for the details on terminology and classification used in this report. See footnote to Table 5-1 (page.8).

7-2 Macroscopic operative curability

Female, Adenocarcinoma

		<u>Curative resection</u>		<u>Non-curative resection</u>		Not resected	Unknown
		Total	absolute	relative	relative	absolute	
Colon	I	2	2	0	0	0	0
	V	9	6	1	0	2	0
	C	161	83	24	13	31	4
	A	185	100	24	9	48	2
	T	167	81	29	14	39	1
	D	71	47	10	7	4	3
	S	488	321	43	23	79	6
	NOS	0	0	0	0	0	0
Total		1,083	640	131	66	203	16
Rectum	Rs	167	106	16	8	27	4
	Ra	270	171	35	13	40	3
	Rb	405	275	54	12	40	11
	P	23	13	5	3	2	0
	E	0	0	0	0	0	0
	NOS	0	0	0	0	0	0
Total		865	565	110	36	109	18
Colon & Rectum		1,948	1,205	241	102	312	34

7-3 Histological operative curability

Male, Adenocarcinoma

		<u>Curative resection</u>		<u>Non-curative resection</u>		Not resected	Unknown
	Total	absolute	relative	relative	absolute		
Colon	I	1	0	1	0	0	0
	V	5	3	0	0	1	1
	C	100	56	9	6	21	3
	A	210	132	16	16	38	7
	T	193	137	10	9	32	3
	D	118	75	8	3	28	4
	S	626	415	63	28	95	19
	NOS	0	0	0	0	0	0
Total		1,253	818	107	62	215	37
Rectum	Rs	299	191	20	17	55	10
	Ra	414	288	30	19	58	9
	Rb	578	391	59	24	78	20
	P	35	17	3	4	6	5
	E	2	1	0	0	0	1
	NOS	0	0	0	0	0	0
Total		1,328	888	112	64	197	45
Colon & Rectum		2,581	1,706	219	126	412	82

7-4 Histological operative curability

Female, Adenocarcinoma

		<u>Curative resection</u>		<u>Non-curative resection</u>		Not resected	Unknown
	Total	absolute	relative	relative	absolute		
Colon	I	2	0	1	0	0	1
	V	9	6	1	0	2	0
	C	161	100	13	11	29	2
	A	185	103	16	9	48	7
	T	167	84	27	13	34	8
	D	71	49	9	6	5	2
	S	488	326	38	16	79	18
	NOS	0	0	0	0	0	0
Total		1,083	668	105	55	197	38
Rectum	Rs	167	112	12	5	28	6
	Ra	270	177	22	14	38	14
	Rb	405	275	46	17	43	15
	P	23	15	3	2	3	0
	E	0	0	0	0	0	0
	NOS	0	0	0	0	0	0
Total		865	579	83	38	112	35
Colon & Rectum		1,948	1,247	188	93	309	73

7-5 Histological operative curability

Endoscopic polypectomy, Adenocarcinoma

		<u>Curative resection</u>			<u>Non-curative resection</u>			
		Total	absolute	relative	relative	absolute	Not resected	Unknown
Colon	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	3	2	0	0	0	0	1
	T	7	6	0	0	0	0	1
	D	4	1	0	0	0	0	3
	S	48	26	4	1	0	0	17
	NOS	0	0	0	0	0	0	0
Total		62	35	4	1	0	0	22
Rectum	Rs	6	6	0	0	0	0	
	Ra	8	5	2	0	0	0	1
	Rb	12	8	1	0	0	0	3
	P	1	1	0	0	0	0	0
	E	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0
Total		27	20	3	0	0	0	4
Colon & Rectum		89	55	7	1	0	0	26

8 Hepatic metastasis

Adenocarcinoma, Surgical cases only

		Total	H0	H1	H2	H3	Unknown
Colon	I	3	3	0	0	0	0
	V	14	14	0	0	0	0
	C	261	228	16	5	10	2
	A	395	332	25	15	21	2
	T	360	309	20	7	19	5
	D	189	156	11	6	11	5
	S	1,114	950	40	33	76	15
	NOS	0	0	0	0	0	0
Total		2,336	1,992	112	66	137	29
Rectum	Rs	466	390	28	12	33	3
	Ra	684	588	29	17	41	9
	Rb	983	882	32	20	19	30
	P	58	55	1	0	1	1
	E	2	1	0	0	0	1
	NOS	0	0	0	0	0	0
Total		2,193	1,916	90	49	94	44
Colon & Rectum		4,529	3,908	202	115	231	73

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 only

	Total	P0	P1	P2	P3	Unknown
Colon	I	3	3	0	0	0
	V	14	12	0	2	0
	C	261	213	16	13	2
	A	395	347	17	12	0
	T	360	316	12	14	2
	D	189	169	8	5	3
	S	1,114	1,028	28	29	13
	NOS	0	0	0	0	0
Total		2,336	2,088	81	75	20
Rectum	Rs	466	426	20	5	4
	Ra	684	636	24	6	13
	Rb	983	914	14	7	42
	P	58	56	0	0	2
	E	2	1	0	0	1
	NOS	0	0	0	0	0
Total		2,193	2,033	58	18	62
Colon & Rectum		4,529	4,121	139	93	82

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 organ

Adenocarcinoma, Surgical cases only

		Total	M0	M1	Unknown
Colon	I	3	3	0	0
	V	14	13	1	0
	C	261	240	14	7
	A	395	374	14	7
	T	360	340	10	10
	D	189	183	2	4
	S	1,114	1,058	30	26
	NOS	0	0	0	0
Total		2,336	2,211	71	54
Rectum	Rs	466	438	12	16
	Ra	684	647	16	21
	Rb	983	942	15	26
	P	58	55	2	1
	E	2	2	0	0
	NOS	0	0	0	0
Total		2,193	2,084	45	64
Colon & Rectum		4,529	4,295	116	118

M0: No evidence of metastasis in remote organ(s) but liver and peritoneum.

M1: Evidence of metastases in the remote organ(s).

11 Lymph node metastasis, macroscopic

Adenocarcinoma, Surgical cases only

	Total	N0	N1	N2	N3	N4	Nx
Colon	I	3	0	0	3	0	0
	V	14	9	0	3	2	0
	C	261	46	87	74	33	11
	A	395	74	137	101	44	16
	T	360	104	111	68	41	16
	D	189	60	69	30	13	8
	S	1,114	381	408	202	47	35
	NOS	0	0	0	0	0	0
Total		2,336	674	812	481	180	86
Rectum	Rs	466	164	154	87	24	20
	Ra	684	236	256	102	37	25
	Rb	983	420	245	192	43	50
	P	58	23	12	15	5	2
	E	2	1	0	0	0	1
	NOS	0	0	0	0	0	0
Total		2,193	844	667	396	109	98
Colon & Rectum		4,529	1,518	1,479	877	289	184

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.

Refer to the general rules of "JRSCCR" for details on classification of the lymph nodes.

See footnote to Table 5-1 (page.8).

12 Lymph node metastasis histological

Adenocarcinoma, Surgical cases only

	Total	n0	n1	n2	n3	n4	nx
Colon	I	3	0	1	0	2	0
	V	14	9	1	0	0	4
	C	261	126	55	39	10	29
	A	395	181	91	48	25	38
	T	360	190	71	27	23	34
	D	189	103	47	15	8	13
	S	1,114	587	255	126	22	107
	NOS	0	0	0	0	0	0
Total		2,336	1,196	521	255	90	225
Rectum	Rs	466	232	120	51	15	38
	Ra	684	348	164	76	17	65
	Rb	983	514	168	153	27	100
	P	58	28	6	14	3	6
	E	2	1	0	0	0	1
	NOS	0	0	0	0	0	0
Total		2,193	1,123	458	294	62	210
Colon & Rectum		4,529	2,319	979	549	152	435

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.

Refer to the general rules of "JRSCCR" for details on classification of the lymph nodes.

See footnote to Table 5-1(page.8).

13-1 Depth of invasion, Macroscopic

Adenocarcinoma, Surgical cases only

		Total	M	SM	PM	SS, A1	S, A2	Si, Ai	Unknown
Colon	I	3	0	0	0	0	1	2	0
	V	14	4	0	0	0	2	7	1
	C	261	0	6	11	57	112	70	5
	A	395	5	12	14	65	193	97	9
	T	360	5	9	16	71	169	77	13
	D	189	7	6	7	40	85	40	4
	S	1,114	63	66	78	217	459	184	47
	NOS	0	0	0	0	0	0	0	0
Total		2,336	84	99	126	450	1,021	477	79
Rectum	Rs	466	13	21	41	101	197	71	22
	Ra	684	16	36	75	159	265	111	22
	Rb	983	49	66	159	237	309	135	28
	P	58	2	6	5	10	21	13	1
	E	2	0	1	0	0	1	0	0
	NOS	0	0	0	0	0	0	0	0
Total		2,193	80	130	280	507	793	330	73
Colon & Rectum		4,529	164	229	406	957	1,814	807	152

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.

13-2 Depth of invasion, Histological

Adenocarcinoma, Surgical cases only

		Total	m	sm	pm	ss, a1	s, a2	si, ai	Unknown
Colon	I	3	0	0	0	1	0	1	1
	V	14	2	0	1	0	2	7	2
	C	261	2	6	19	91	91	40	12
	A	395	8	9	19	131	170	49	9
	T	360	10	8	21	128	138	44	11
	D	189	9	6	13	85	59	15	2
	S	1,114	44	86	131	394	339	86	34
	NOS	0	0	0	0	0	0	0	0
Total		2,336	75	115	204	830	799	242	71
Rectum	Rs	466	11	26	61	150	165	33	20
	Ra	684	23	36	105	202	253	46	19
	Rb	983	53	87	223	231	284	73	32
	P	58	3	5	10	14	15	10	1
	E	2	0	1	0	0	1	0	0
	NOS	0	0	0	0	0	0	0	0
Total		2,193	90	155	399	597	718	162	72
Colon & Rectum		4,529	165	270	603	1,427	1,517	404	143

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

Small letters (i.e., m, sm, pm, ss(a1), s(a2), si(ai)) and to represent histological findings.

(JRSCCR General Rules, see footnote on page.8).

14 Surgical procedures

Adenocarcinoma, Surgical cases only

<u>Non resection</u>			<u>Operation on the colon</u>	
Laparotomy only	10		appendectomy	3
Enterostomy			ileocecal resection	50
ileum	1		ascending colectomy	7
right colon	1		right colectomy	741
transverse colon	19		transversectomy	154
left colon	53		descending colectomy	47
unknown	1		left colectomy	200
Intestinal by-pass	18		sigmoidectomy	889
others	1		subtotal colectomy	15
			total colectomy	18
			total resection of the colon and rectum	9
			<u>Operation on the rectum</u>	
<u>Polypectomy</u>			<i>sphincter-preserving operation</i>	
trans-abdominal	6		high anterior resection	258
trans-anal	38		low anterior resection	807
trans-sacral	4		posterior resection	3
trans-sphincteric	2		invagination method	1
			pull-through procedure	22
<u>Tumorectomy</u>			abdominosacral resection	9
trans-abdominal	3		Hartmann's	138
trans-anal	27		<i>amputation of the rectum</i>	
trans-sacral	6		abdominoperineal	855
trans-sphincteric	5		abdominosacral	18
			sacroabdominal	10
			total pelvic exenteration	53
			Others	15
			Unknown	12
			Total	4,529

15-1 Operative mortality by operative curability

Adenocarcinoma

		Total		<u>Curative resection</u>				<u>Noncurative resection</u>				Not		Unknown	
			%	absolute	%	relative	%	relative	%	absolute	%	resected	%		%
Colom	No. of operations	2,336		1,486		212		117		412		34		75	
	No. of operative deaths	36	1.5	12	0.8	2	0.9	3	2.6	11	2.7	5	14.7	3	4.0
Rectum	No. of operations	2,193		1,467		195		102		309		40		80	
	No. of operative deaths	24	1.1	10	0.7	1	0.5	3	2.9	6	1.9	1	2.5	3	3.8

—25—

15-2 Operative mortality by operative curability

Malignant neoplasms other than adenocarcinoma

		Total		<u>Curative resection</u>				<u>Noncurative resection</u>				Not		Unknown	
			%	absolute	%	relative	%	relative	%	absolute	%	resected	%		%
Colon	No. of operations	23		15		0		1		3		2		2	
	No. of operative deaths	0	0.0	0		0		0		0		0		0	
Rectum	No. of operations	49		28		7		2		7		2		3	
	No. of operative deaths	3	6.1	1	3.6	0		0		0		1	50.0	1	

15-3 Operative mortality by site of the tumor

		Adenocarcinoma			Other malignancies		
		No. of	Operative		No. of	Operative	
		Operations	deaths	%	Operations	deaths	%
Colon	I	3	0		0	0	
	V	14	0		3	0	
	C	261	7	2.7	8	0	
	A	395	4	1.0	5	0	
	T	360	4	1.1	2	0	
	D	189	0	0.0	2	0	
	S	1,114	21	1.9	3	0	
	NOS	0	0		0	0	
Total		2,336	36	1.5	23	0	0.0
Rectum	Rs	466	7	1.5	4	0	
	Ra	684	9	1.3	5	0	
	Rb	983	7	0.7	22	2	9.1
	P	58	1	1.7	15	0	
	E	2	0		3	0	
	NOS	0	0		0	0	
Total		2,193	24	1.1	49	2	4.1
Colon & Rectum		4,529	60	1.3	72	2	2.8

15-4 Operative mortality by surgical procedures

				Adenocarcinoma			
	No. of cases	No. of deaths	%	<u>Operation on the colon</u>			
<u>Non resection</u>				appendectomy	3	0	
Laparotomy only	10	2	20.0	ileocecal resection	50	1	2.0
				ascending colectomy	7	0	
Enterostomy				right colectomy	741	7	0.9
ileum	1	0		transversectomy	154	2	1.3
right colon	1	0		descending colectomy	47	0	
transverse colon	19	1	5.3	left colectomy	200	3	1.5
left colon	53	0		sigmoidectomy	889	11	1.2
unknown	1	0		sub total colectomy	15	0	
Intestinal by-pass	18	3	16.7	total colectomy	18	0	
others	1	0		total resection of the colon and re	9	0	
<u>Polypectomy</u>				<u>Operation on the rectum</u>			
				<i>sphincter-preserving operation</i>			
trans-abdominal	6	0		high anterior resection	258	6	2.3
trans-anal	38	0		low anterior resection	807	5	0.6
trans-sacral	4	1	25.0	posterior resection	3	0	
trans-sphincteric	2	0		invagination method	1	0	
				pull-through procedure	22	0	
<u>Tumorectomy</u>				abdominosacral resection	9	0	
trans-abdominal	3	0		Hartmann's	138	4	2.9
trans-anal	27	0		<i>amputation of the rectum</i>			
trans-sacral	6	0		abdominoperineal	855	6	0.7
trans-sphincteric	5	0		abdominosacral	18	0	
				sacroabdominal	10	0	
				total pelvic exenteration	53	5	9.4
				<u>Others</u>	15	0	
				Unknown	12	3	25.0
				<u>Total</u>	4,529	60	1.3

Cumulative Survival Rate

16-1 Cumulative survival rate by sex

Adenocarcinoma

Colon, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,232	185	30	0	84.8 ± 2.1	(86.9 - 82.7)
	1 - 2	1,017	117	30	0	74.9 ± 2.5	(77.4 - 72.4)
	2 - 3	870	64	28	0	69.3 ± 2.7	(72.0 - 66.6)
	3 - 4	778	47	44	0	65.0 ± 2.8	(67.8 - 62.2)
	4 - 5	687	32	41	0	61.9 ± 2.9	(64.7 - 59.0)
	5 -	614			614		
TOTAL		1,232	445	173	614		
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	1,054	157	45	0	84.8 ± 2.2	(87.0 - 82.5)
	1 - 2	852	93	14	0	75.4 ± 2.7	(78.1 - 72.7)
	2 - 3	745	70	18	0	68.3 ± 2.9	(71.2 - 65.3)
	3 - 4	657	38	36	0	64.2 ± 3.0	(67.3 - 61.2)
	4 - 5	583	31	23	0	60.7 ± 3.1	(63.9 - 57.6)
	5 -	529			529		
TOTAL		1,054	389	136	529		
Rectum, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,305	176	30	0	86.4 ± 1.9	(88.3 - 84.4)
	1 - 2	1,099	142	19	0	75.1 ± 2.4	(77.5 - 72.7)
	2 - 3	938	91	29	0	67.7 ± 2.6	(70.3 - 65.1)
	3 - 4	818	86	35	0	60.4 ± 2.8	(63.2 - 57.6)
	4 - 5	697	63	27	0	54.9 ± 2.9	(57.7 - 52.0)
	5 -	607			607		
TOTAL		1,305	558	140	607		
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	852	84	11	0	90.1 ± 2.1	(92.1 - 88.0)
	1 - 2	757	94	15	0	78.8 ± 2.8	(81.6 - 76.0)
	2 - 3	648	40	21	0	73.8 ± 3.0	(76.9 - 70.8)
	3 - 4	587	44	22	0	68.2 ± 3.3	(71.5 - 64.9)
	4 - 5	521	43	21	0	62.5 ± 3.4	(65.9 - 59.0)
	5 -	457			457		
TOTAL		852	305	90	457		

16-2 Cumulative survival rate by sex

Malignant neoplasms other than adenocarcinoma

Colon, male	YEAR OF OBSERVAT	ALIVE BEGINNING	AT INTERVAL	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====	=====
	0 - 1	7		1	1	0	84.6 ± 28.3	(112.9 - 56.3)
	1 - 2	5		1	0	0	67.7 ± 37.8	(105.5 - 29.9)
	2 - 3	4		0	1	0	67.7 ± 37.8	(105.5 - 29.9)
	3 - 4	3		0	0	0	67.7 ± 37.8	(105.5 - 29.9)
	4 - 5	3		1	0	0	45.1 ± 44.6	(89.8 - 0.5)
	5 -	2				2		
	-----	-----	-----	-----	-----	-----	-----	-----
	TOTAL	7		3	2	2		
Colon, female	YEAR OF OBSERVAT	ALIVE BEGINNING	AT INTERVAL	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====	=====
	0 - 1	16		5	1	0	67.7 ± 23.7	(91.5 - 44.0)
	1 - 2	10		0	0	0	67.7 ± 23.7	(91.5 - 44.0)
	2 - 3	10		0	1	0	67.7 ± 23.7	(91.5 - 44.0)
	3 - 4	9		1	0	0	60.2 ± 25.4	(85.7 - 34.8)
	4 - 5	8		0	0	0	60.2 ± 25.4	(85.7 - 34.8)
	5 -	8				8		
	-----	-----	-----	-----	-----	-----	-----	-----
	TOTAL	16		6	2	8		
Rectum, male	YEAR OF OBSERVAT	ALIVE BEGINNING	AT INTERVAL	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====	=====
	0 - 1	19		4	0	0	78.9 ± 18.7	(97.7 - 60.2)
	1 - 2	15		2	2	0	67.7 ± 21.8	(89.5 - 45.9)
	2 - 3	11		1	0	0	61.5 ± 23.0	(84.5 - 38.5)
	3 - 4	10		0	1	0	61.5 ± 23.0	(84.5 - 38.5)
	4 - 5	9		0	1	0	61.5 ± 23.0	(84.5 - 38.5)
	5 -	8				8		
	-----	-----	-----	-----	-----	-----	-----	-----
	TOTAL	19		7	4	8		
Rectum, female	YEAR OF OBSERVAT	ALIVE BEGINNING	AT INTERVAL	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====	=====
	0 - 1	29		9	1	0	68.4 ± 17.4	(85.8 - 51.0)
	1 - 2	19		2	0	0	61.2 ± 18.3	(79.5 - 42.9)
	2 - 3	17		1	2	0	57.4 ± 18.7	(76.1 - 38.7)
	3 - 4	14		3	1	0	44.6 ± 19.5	(64.1 - 25.1)
	4 - 5	10		0	0	0	44.6 ± 19.5	(64.1 - 25.1)
	5 -	10				10		
	-----	-----	-----	-----	-----	-----	-----	-----
	TOTAL	29		15	4	10		

17-1 Cumulative survival rate by macroscopic operative curability Colon, Male, Adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	736	31	13	0	95.8 ± 1.5	(97.2 - 94.3)
	1 - 2	692	32	18	0	91.3 ± 2.1	(93.4 - 89.2)
	2 - 3	642	33	18	0	86.5 ± 2.6	(89.1 - 83.9)
	3 - 4	591	26	28	0	82.6 ± 2.9	(85.5 - 79.7)
	4 - 5	537	23	29	0	79.0 ± 3.1	(82.1 - 75.9)
	5 -	485			485		
	TOTAL	736	145	106	485		
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	164	12	6	0	92.5 ± 4.1	(96.7 - 88.4)
	1 - 2	146	24	3	0	77.2 ± 6.7	(83.9 - 70.5)
	2 - 3	119	10	6	0	70.5 ± 7.3	(77.8 - 63.2)
	3 - 4	103	10	10	0	63.3 ± 7.9	(71.2 - 55.5)
	4 - 5	83	6	5	0	58.6 ± 8.2	(66.8 - 50.4)
	5 -	72			72		
	TOTAL	164	62	30	72		
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	70	11	1	0	84.2 ± 8.8	(92.9 - 75.4)
	1 - 2	58	9	2	0	70.9 ± 11.0	(81.9 - 59.9)
	2 - 3	47	6	1	0	61.7 ± 11.8	(73.6 - 49.9)
	3 - 4	40	5	3	0	53.7 ± 12.3	(66.0 - 41.4)
	4 - 5	32	2	5	0	50.1 ± 12.5	(62.6 - 37.6)
	5 -	25			25		
	TOTAL	70	33	12	25		
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	221	117	7	0	46.2 ± 6.8	(53.0 - 39.4)
	1 - 2	97	50	4	0	21.9 ± 5.7	(27.6 - 16.2)
	2 - 3	43	14	3	0	14.5 ± 5.0	(19.5 - 9.5)
	3 - 4	26	3	0	0	12.8 ± 4.8	(17.6 - 8.1)
	4 - 5	23	0	2	0	12.8 ± 4.8	(17.6 - 8.1)
	5 -	21			21		
	TOTAL	221	184	16	21		
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	26	13	0	0	50.0 ± 19.6	(69.6 - 30.4)
	1 - 2	13	2	1	0	42.0 ± 19.5	(61.5 - 22.5)
	2 - 3	10	1	0	0	37.8 ± 19.2	(57.0 - 18.6)
	3 - 4	9	1	0	0	33.6 ± 18.9	(52.5 - 14.7)
	4 - 5	8	0	0	0	33.6 ± 18.9	(52.5 - 14.7)
	5 -	8			8		
	TOTAL	26	17	1	8		

17-2 Cumulative survival rate by macroscopic operative curability

Colon, Female, Adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	625	16	20	0	97.4 ± 1.3	(98.7 - 96.1)
	1 - 2	589	21	10	0	93.9 ± 1.9	(95.8 - 92.0)
	2 - 3	558	29	12	0	89.0 ± 2.6	(91.5 - 86.4)
	3 - 4	517	25	28	0	84.5 ± 3.0	(87.5 - 81.6)
	4 - 5	464	23	20	0	80.3 ± 3.3	(83.6 - 76.9)
	5 -	421			421		
	TOTAL	625	114	90	421		
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	130	11	9	0	91.2 ± 5.0	(96.3 - 86.2)
	1 - 2	110	11	1	0	82.1 ± 6.9	(89.0 - 75.1)
	2 - 3	98	12	4	0	71.8 ± 8.2	(80.0 - 63.6)
	3 - 4	82	6	6	0	66.4 ± 8.7	(75.1 - 57.6)
	4 - 5	70	3	2	0	63.5 ± 9.0	(72.4 - 54.5)
	5 -	65			65		
	TOTAL	130	43	22	65		
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	63	15	3	0	75.6 ± 11.0	(86.6 - 64.7)
	1 - 2	45	15	2	0	49.8 ± 13.0	(62.8 - 36.8)
	2 - 3	28	8	1	0	35.3 ± 12.6	(48.0 - 22.7)
	3 - 4	19	2	1	0	31.5 ± 12.4	(43.9 - 19.2)
	4 - 5	16	0	0	0	31.5 ± 12.4	(43.9 - 19.2)
	5 -	16			16		
	TOTAL	63	40	7	16		
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	196	98	8	0	49.0 ± 7.2	(56.2 - 41.7)
	1 - 2	90	42	0	0	26.1 ± 6.4	(32.5 - 19.7)
	2 - 3	48	20	1	0	15.1 ± 5.3	(20.4 - 9.8)
	3 - 4	27	4	0	0	12.9 ± 4.9	(17.8 - 7.9)
	4 - 5	23	5	1	0	10.0 ± 4.5	(14.5 - 5.6)
	5 -	17			17		
	TOTAL	196	169	10	17		
Not resected	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	35	17	4	0	48.5 ± 17.4	(65.9 - 31.1)
	1 - 2	14	4	1	0	34.1 ± 17.2	(51.3 - 16.9)
	2 - 3	9	0	0	0	34.1 ± 17.2	(51.3 - 16.9)
	3 - 4	9	1	0	0	30.3 ± 16.9	(47.2 - 13.5)
	4 - 5	8	0	0	0	30.3 ± 16.9	(47.2 - 13.5)
	5 -	8			8		
	TOTAL	35	22	5	8		

17-3 Cumulative survival rate by macroscopic operative curability

Rectum, Male, Adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	856	41	13	0	95.2 ± 1.5	(96.6 - 93.7)
	1 - 2	802	60	13	0	88.0 ± 2.2	(90.2 - 85.8)
	2 - 3	729	46	18	0	82.4 ± 2.6	(85.0 - 79.7)
	3 - 4	665	53	23	0	75.7 ± 3.0	(78.7 - 72.7)
	4 - 5	589	49	26	0	69.3 ± 3.3	(72.5 - 66.0)
	5 -	514			514		
	TOTAL	856	249	93	514		
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	152	21	4	0	86.0 ± 5.7	(91.7 - 80.3)
	1 - 2	127	12	4	0	77.7 ± 6.8	(84.6 - 70.9)
	2 - 3	111	13	6	0	68.4 ± 7.7	(76.1 - 60.6)
	3 - 4	92	13	9	0	58.2 ± 8.4	(66.6 - 49.8)
	4 - 5	70	6	1	0	53.2 ± 8.6	(61.8 - 44.6)
	5 -	63			63		
	TOTAL	152	65	24	63		
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	72	24	2	0	66.2 ± 11.2	(77.4 - 55.0)
	1 - 2	46	14	0	0	46.1 ± 11.9	(58.0 - 34.1)
	2 - 3	32	7	0	0	36.0 ± 11.5	(47.5 - 24.5)
	3 - 4	25	8	3	0	23.7 ± 10.3	(34.1 - 13.4)
	4 - 5	14	1	0	0	22.0 ± 10.1	(32.2 - 11.9)
	5 -	13			13		
	TOTAL	72	54	5	13		
Absolute non-curative resection	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	175	67	6	0	61.0 ± 7.4	(68.5 - 53.6)
	1 - 2	102	51	2	0	30.2 ± 7.1	(37.3 - 23.1)
	2 - 3	49	21	3	0	16.9 ± 5.9	(22.7 - 11.0)
	3 - 4	25	8	0	0	11.5 ± 5.1	(16.6 - 6.4)
	4 - 5	17	6	0	0	7.4 ± 4.2	(11.7 - 3.2)
	5 -	11			11		
	TOTAL	175	153	11	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	38	23	2	0	37.8 ± 15.9	(53.8 - 21.9)
	1 - 2	13	4	0	0	26.2 ± 14.7	(40.9 - 11.5)
	2 - 3	9	1	0	0	23.3 ± 14.2	(37.4 - 9.1)
	3 - 4	8	3	0	0	14.6 ± 11.9	(26.5 - 2.6)
	4 - 5	5	0	0	0	14.6 ± 11.9	(26.5 - 2.6)
	5 -	5			5		
	TOTAL	38	31	2	5		

17-4 Cumulative survival rate by 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	558	13	3	0	97.7 ± 1.3	(98.9 - 96.4)
	1 - 2	542	39	11	0	90.6 ± 2.5	(93.1 - 88.1)
	2 - 3	492	21	15	0	86.6 ± 2.9	(89.6 - 83.7)
	3 - 4	456	30	17	0	80.8 ± 3.4	(84.2 - 77.4)
	4 - 5	409	22	18	0	76.4 ± 3.7	(80.1 - 72.7)
	5 -	369			369		
	TOTAL	558	125	64	369		
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	108	7	1	0	93.5 ± 4.8	(98.2 - 88.7)
	1 - 2	100	15	0	0	79.5 ± 7.8	(87.3 - 71.7)
	2 - 3	85	6	4	0	73.7 ± 8.5	(82.3 - 65.2)
	3 - 4	75	7	1	0	66.8 ± 9.2	(76.0 - 57.6)
	4 - 5	67	9	1	0	57.8 ± 9.7	(67.5 - 48.0)
	5 -	57			57		
	TOTAL	108	44	7	57		
Relative non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	36	6	1	0	83.1 ± 12.6	(95.7 - 70.5)
	1 - 2	29	8	1	0	59.8 ± 16.7	(76.4 - 43.1)
	2 - 3	20	2	0	0	53.8 ± 17.0	(70.8 - 36.8)
	3 - 4	18	4	1	0	41.5 ± 17.0	(58.5 - 24.5)
	4 - 5	13	6	1	0	21.6 ± 14.7	(36.3 - 6.9)
	5 -	6			6		
	TOTAL	36	26	4	6		
Absolute non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	108	39	4	0	63.2 ± 9.4	(72.6 - 53.8)
	1 - 2	65	29	2	0	34.6 ± 9.4	(44.0 - 25.2)
	2 - 3	34	10	2	0	24.1 ± 8.6	(32.7 - 15.5)
	3 - 4	22	2	1	0	21.9 ± 8.3	(30.2 - 13.5)
	4 - 5	19	4	1	0	17.1 ± 7.8	(24.9 - 9.4)
	5 -	14			14		
	TOTAL	108	84	10	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	32	18	2	0	41.9 ± 17.7	(59.7 - 24.2)
	1 - 2	12	2	0	0	34.9 ± 17.3	(52.3 - 17.6)
	2 - 3	10	0	0	0	34.9 ± 17.3	(52.3 - 17.6)
	3 - 4	10	0	0	0	34.9 ± 17.3	(52.3 - 17.6)
	4 - 5	10	2	0	0	28.0 ± 16.4	(44.4 - 11.5)
	5 -	8			8		
	TOTAL	32	22	2	8		

17-5 Cumulative survival rate by histological operative curability

Colon, Male, Adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	806	32	16	0	96.0 ± 1.4	(97.4 - 94.6)
	1 - 2	758	33	21	0	91.8 ± 2.0	(93.7 - 89.8)
	2 - 3	704	38	17	0	86.7 ± 2.4	(89.2 - 84.3)
	3 - 4	649	32	33	0	82.4 ± 2.8	(85.1 - 79.6)
	4 - 5	584	23	33	0	79.0 ± 3.0	(82.0 - 76.0)
	5 -	528			528		
	TOTAL	806	158	120	528		

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	106	11	2	0	89.5 ± 6.0	(95.5 - 83.5)
	1 - 2	93	17	1	0	73.1 ± 8.7	(81.8 - 64.4)
	2 - 3	75	6	9	0	66.9 ± 9.3	(76.2 - 57.5)
	3 - 4	60	4	10	0	62.0 ± 9.8	(71.8 - 52.2)
	4 - 5	46	4	1	0	56.5 ± 10.4	(66.9 - 46.2)
	5 -	41			41		
	TOTAL	106	42	23	41		

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	61	9	1	0	85.1 ± 9.2	(94.3 - 76.0)
	1 - 2	51	9	2	0	69.8 ± 11.9	(81.7 - 57.9)
	2 - 3	40	6	1	0	59.2 ± 12.9	(72.1 - 46.3)
	3 - 4	33	6	0	0	48.4 ± 13.2	(61.6 - 35.2)
	4 - 5	27	3	2	0	42.8 ± 13.2	(56.0 - 29.7)
	5 -	22			22		
	TOTAL	61	33	6	22		

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	210	118	9	0	42.6 ± 6.9	(49.5 - 35.7)
	1 - 2	83	53	3	0	14.9 ± 5.1	(20.0 - 9.8)
	2 - 3	27	13	1	0	7.6 ± 3.9	(11.5 - 3.7)
	3 - 4	13	1	0	0	7.0 ± 3.8	(10.8 - 3.2)
	4 - 5	12	0	2	0	7.0 ± 3.8	(10.8 - 3.2)
	5 -	10			10		
	TOTAL	210	185	15	10		

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	24	13	0	0	45.8 ± 20.3	(66.2 - 25.5)
	1 - 2	11	4	2	0	27.5 ± 18.7	(46.2 - 8.8)
	2 - 3	5	0	0	0	27.5 ± 18.7	(46.2 - 8.8)
	3 - 4	5	1	0	0	22.0 ± 17.9	(39.9 - 4.1)
	4 - 5	4	0	1	0	22.0 ± 17.9	(39.9 - 4.1)
	5 -	3			3		
	TOTAL	24	18	3	3		

17-6 Cumulative survival rate by 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	652	21	25	0	96.7 ± 1.4	(98.1 - 95.3)
	1 - 2	606	22	10	0	93.2 ± 2.0	(95.2 - 91.2)
	2 - 3	574	29	14	0	88.4 ± 2.6	(91.0 - 85.8)
	3 - 4	531	23	26	0	84.5 ± 2.9	(87.4 - 81.6)
	4 - 5	482	20	20	0	80.9 ± 3.2	(84.1 - 77.7)
	5 -	442			442		
	TOTAL	652	115	95	442		
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	104	6	5	0	94.1 ± 4.7	(98.8 - 89.4)
	1 - 2	93	11	1	0	82.9 ± 7.6	(90.5 - 75.3)
	2 - 3	81	12	4	0	70.3 ± 9.3	(79.6 - 61.0)
	3 - 4	65	7	8	0	62.2 ± 10.0	(72.3 - 52.2)
	4 - 5	50	6	2	0	54.6 ± 10.5	(65.2 - 44.1)
	5 -	42			42		
	TOTAL	104	42	20	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	53	12	3	0	76.7 ± 11.8	(88.5 - 64.9)
	1 - 2	38	15	2	0	45.6 ± 14.2	(59.8 - 31.4)
	2 - 3	21	7	0	0	30.4 ± 13.3	(43.7 - 17.1)
	3 - 4	14	1	1	0	28.2 ± 13.1	(41.2 - 15.1)
	4 - 5	12	0	0	0	28.2 ± 13.1	(41.2 - 15.1)
	5 -	12			12		
	TOTAL	53	35	6	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	189	95	7	0	48.8 ± 7.3	(56.1 - 41.4)
	1 - 2	87	42	0	0	25.2 ± 6.5	(31.7 - 18.8)
	2 - 3	45	21	0	0	13.5 ± 5.1	(18.6 - 8.4)
	3 - 4	24	5	0	0	10.7 ± 4.6	(15.3 - 6.0)
	4 - 5	19	4	0	0	8.4 ± 4.1	(12.6 - 4.3)
	5 -	15			15		
	TOTAL	189	167	7	15		
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	35	17	4	0	48.5 ± 17.4	(65.9 - 31.1)
	1 - 2	14	3	1	0	37.7 ± 17.4	(55.1 - 20.3)
	2 - 3	10	0	0	0	37.7 ± 17.4	(55.1 - 20.3)
	3 - 4	10	1	0	0	33.9 ± 17.2	(51.2 - 16.7)
	4 - 5	9	0	0	0	33.9 ± 17.2	(51.2 - 16.7)
	5 -	9			9		
	TOTAL	35	21	5	9		

17-7 Cumulative survival rate by 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	877	45	12	0	94.8 ± 1.5	(96.3 - 93.3)
	1 - 2	820	55	14	0	88.4 ± 2.2	(90.6 - 86.2)
	2 - 3	751	48	19	0	82.7 ± 2.6	(85.3 - 80.1)
	3 - 4	684	51	27	0	76.4 ± 2.9	(79.3 - 73.5)
	4 - 5	606	46	24	0	70.5 ± 3.2	(73.7 - 67.3)
	5 -	536			536		
	TOTAL	877	245	96	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	109	14	3	0	87.0 ± 6.5	(93.5 - 80.5)
	1 - 2	92	12	3	0	75.4 ± 8.4	(83.8 - 67.1)
	2 - 3	77	10	6	0	65.2 ± 9.4	(74.7 - 55.8)
	3 - 4	61	10	4	0	54.2 ± 10.1	(64.3 - 44.1)
	4 - 5	47	7	1	0	46.0 ± 10.3	(56.3 - 35.8)
	5 -	39			39		
	TOTAL	109	53	17	39		
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	64	19	2	0	69.8 ± 11.6	(81.4 - 58.3)
	1 - 2	43	14	0	0	47.1 ± 12.7	(59.8 - 34.4)
	2 - 3	29	7	0	0	35.7 ± 12.2	(47.9 - 23.6)
	3 - 4	22	8	3	0	21.8 ± 10.7	(32.5 - 11.1)
	4 - 5	11	2	0	0	17.8 ± 10.1	(27.9 - 7.7)
	5 -	9			9		
	TOTAL	64	50	5	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	193	74	8	0	60.8 ± 7.1	(67.9 - 53.7)
	1 - 2	111	56	2	0	29.9 ± 6.8	(36.6 - 23.1)
	2 - 3	53	22	2	0	17.2 ± 5.7	(22.9 - 11.6)
	3 - 4	29	12	0	0	10.1 ± 4.6	(14.7 - 5.5)
	4 - 5	17	6	0	0	6.5 ± 3.8	(10.3 - 2.8)
	5 -	11			11		
	TOTAL	193	170	12	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	39	23	2	0	39.5 ± 15.9	(55.3 - 23.6)
	1 - 2	14	3	0	0	31.0 ± 15.2	(46.2 - 15.8)
	2 - 3	11	1	0	0	28.2 ± 14.8	(43.0 - 13.4)
	3 - 4	10	4	0	0	16.9 ± 12.5	(29.4 - 4.5)
	4 - 5	6	0	0	0	16.9 ± 12.5	(29.4 - 4.5)
	5 -	6			6		
	TOTAL	39	31	2	6		

17-8 Cumulative survival rate by histological operative curability

Rectum, Female, Adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	571	12	3	0	97.9 ± 1.2	(99.1 - 96.7)
	1 - 2	556	40	12	0	90.8 ± 2.4	(93.2 - 88.3)
	2 - 3	504	16	13	0	87.9 ± 2.8	(90.6 - 85.1)
	3 - 4	475	27	20	0	82.8 ± 3.2	(86.0 - 79.5)
	4 - 5	428	25	17	0	77.8 ± 3.6	(81.4 - 74.2)
	5 -	386			386		
	TOTAL	571	120	65	386		

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	4	1	0	95.2 ± 4.7	(99.9 - 90.4)
	1 - 2	78	15	0	0	76.9 ± 9.3	(86.2 - 67.5)
	2 - 3	63	9	5	0	65.4 ± 10.6	(76.0 - 54.8)
	3 - 4	49	7	0	0	56.1 ± 11.2	(67.3 - 44.9)
	4 - 5	42	6	1	0	48.0 ± 11.4	(59.3 - 36.6)
	5 -	35			35		
	TOTAL	83	41	7	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	38	8	1	0	78.7 ± 13.4	(92.0 - 65.3)
	1 - 2	29	8	0	0	57.0 ± 16.3	(73.2 - 40.7)
	2 - 3	21	3	1	0	48.6 ± 16.5	(65.1 - 32.1)
	3 - 4	17	5	1	0	33.9 ± 15.9	(49.8 - 18.0)
	4 - 5	11	6	1	0	14.5 ± 12.4	(26.9 - 2.1)
	5 -	4			4		
	TOTAL	38	30	4	4		

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	110	41	3	0	62.2 ± 9.3	(71.5 - 52.9)
	1 - 2	66	28	2	0	35.4 ± 9.3	(44.7 - 26.1)
	2 - 3	36	11	2	0	24.3 ± 8.5	(32.7 - 15.8)
	3 - 4	23	3	1	0	21.0 ± 8.1	(29.2 - 12.9)
	4 - 5	19	4	1	0	16.5 ± 7.5	(24.0 - 9.0)
	5 -	14			14		
	TOTAL	110	87	9	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	37	18	3	0	49.3 ± 16.8	(66.1 - 32.5)
	1 - 2	16	2	0	0	43.1 ± 16.8	(59.9 - 26.3)
	2 - 3	14	0	0	0	43.1 ± 16.8	(59.9 - 26.3)
	3 - 4	14	0	0	0	43.1 ± 16.8	(59.9 - 26.3)
	4 - 5	14	2	0	0	37.0 ± 16.5	(53.5 - 20.5)
	5 -	12			12		
	TOTAL	37	22	3	12		

18-1 Cumulative survival rate by degree of hepatic metastasis

Colon, Adenocarcinoma

H0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,954	173	62	0	91.0 ± 1.3	(92.3 - 89.7)
	1 - 2	1,719	149	41	0	83.0 ± 1.7	(84.7 - 81.3)
	2 - 3	1,529	105	45	0	77.2 ± 1.9	(79.2 - 75.3)
	3 - 4	1,379	76	78	0	72.9 ± 2.1	(74.9 - 70.8)
	4 - 5	1,225	58	62	0	69.3 ± 2.2	(71.5 - 67.1)
	5 -	1,105			1,105		
	TOTAL	1,954	561	288	1,105		
H1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	108	35	3	0	67.1 ± 9.1	(76.2 - 58.0)
	1 - 2	70	26	1	0	42.0 ± 9.7	(51.7 - 32.4)
	2 - 3	43	14	0	0	28.3 ± 8.9	(37.2 - 19.5)
	3 - 4	29	4	1	0	24.4 ± 8.5	(32.8 - 15.9)
	4 - 5	24	3	2	0	21.2 ± 8.1	(29.3 - 13.1)
	5 -	19			19		
	TOTAL	108	82	7	19		
H2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	64	29	2	0	54.0 ± 12.6	(66.5 - 41.4)
	1 - 2	33	19	0	0	22.9 ± 10.7	(33.6 - 12.2)
	2 - 3	14	8	0	0	9.8 ± 7.6	(17.4 - 2.2)
	3 - 4	6	1	0	0	8.2 ± 7.0	(15.2 - 1.2)
	4 - 5	5	0	0	0	8.2 ± 7.0	(15.2 - 1.2)
	5 -	5			5		
	TOTAL	64	57	2	5		
H3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	133	100	6	0	23.1 ± 7.4	(30.5 - 15.7)
	1 - 2	27	16	0	0	9.4 ± 5.3	(14.7 - 4.1)
	2 - 3	11	5	0	0	5.1 ± 4.0	(9.2 - 1.1)
	3 - 4	6	2	0	0	3.4 ± 3.3	(6.8 - 0.1)
	4 - 5	4	0	0	0	3.4 ± 3.3	(6.8 - 0.1)
	5 -	4			4		
	TOTAL	133	123	6	4		

18-2 Cumulative survival rate by degree of 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	1,888	139	30	0	92.6 ± 1.2	(93.8 - 91.4)
	1 - 2	1,719	171	31	0	83.3 ± 1.7	(85.0 - 81.6)
	2 - 3	1,517	111	50	0	77.1 ± 2.0	(79.1 - 75.1)
	3 - 4	1,356	117	55	0	70.3 ± 2.2	(72.5 - 68.1)
	4 - 5	1,184	100	48	0	64.2 ± 2.3	(66.5 - 62.0)
	5 -	1,036			1,036		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,888	638	214	1,036		
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	88	30	1	0	65.7 ± 10.1	(75.9 - 55.6)
	1 - 2	57	26	0	0	35.7 ± 10.3	(46.0 - 25.5)
	2 - 3	31	10	0	0	24.2 ± 9.2	(33.4 - 15.0)
	3 - 4	21	8	1	0	14.8 ± 7.7	(22.4 - 7.1)
	4 - 5	12	3	0	0	11.1 ± 6.8	(17.9 - 4.2)
	5 -	9			9		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	88	77	2	9		
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	49	23	3	0	51.6 ± 14.5	(66.1 - 37.1)
	1 - 2	23	14	0	0	20.2 ± 11.9	(32.1 - 8.2)
	2 - 3	9	4	0	0	11.2 ± 9.4	(20.6 - 1.8)
	3 - 4	5	2	0	0	6.7 ± 7.5	(14.2 - -0.8)
	4 - 5	3	1	0	0	4.5 ± 6.2	(10.7 - -1.7)
	5 -	2			2		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	49	44	3	2		
H3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	91	56	3	0	37.4 ± 10.2	(47.7 - 27.2)
	1 - 2	32	21	2	0	12.1 ± 7.1	(19.2 - 5.0)
	2 - 3	9	3	0	0	8.0 ± 6.1	(14.1 - 2.0)
	3 - 4	6	1	0	0	6.7 ± 5.6	(12.3 - 1.1)
	4 - 5	5	2	0	0	4.0 ± 4.5	(8.5 - -0.4)
	5 -	3			3		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	91	83	5	3		

19-1 Cumulative survival rate by degree of 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	2,045	225	65	0	88.8 ± 1.4	(90.2 - 87.4)
	1 - 2	1,755	162	39	0	80.5 ± 1.8	(82.3 - 78.8)
	2 - 3	1,554	119	44	0	74.3 ± 2.0	(76.2 - 72.3)
	3 - 4	1,391	79	77	0	69.9 ± 2.1	(72.0 - 67.8)
	4 - 5	1,235	59	64	0	66.5 ± 2.2	(68.7 - 64.3)
	5 -	1,112			1,112		
	TOTAL	2,045	644	289	1,112		
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	80	28	2	0	64.6 ± 10.8	(75.3 - 53.8)
	1 - 2	50	19	1	0	39.8 ± 11.1	(50.9 - 28.7)
	2 - 3	30	7	1	0	30.3 ± 10.5	(40.9 - 19.8)
	3 - 4	22	1	2	0	28.9 ± 10.4	(39.3 - 18.5)
	4 - 5	19	3	0	0	24.3 ± 10.0	(34.3 - 14.3)
	5 -	16			16		
	TOTAL	80	58	6	16		
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	74	44	2	0	39.7 ± 11.5	(51.2 - 28.3)
	1 - 2	28	16	1	0	16.6 ± 8.9	(25.5 - 7.7)
	2 - 3	11	6	0	0	7.6 ± 6.4	(14.0 - 1.1)
	3 - 4	5	1	0	0	6.0 ± 5.8	(11.8 - 0.2)
	4 - 5	4	0	0	0	6.0 ± 5.8	(11.8 - 0.2)
	5 -	4			4		
	TOTAL	74	67	3	4		
P3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	69	43	5	0	35.3 ± 11.7	(47.1 - 23.6)
	1 - 2	21	13	0	0	13.5 ± 8.7	(22.2 - 4.7)
	2 - 3	8	2	1	0	9.9 ± 7.7	(17.6 - 2.1)
	3 - 4	5	2	0	0	5.9 ± 6.3	(12.3 - -0.4)
	4 - 5	3	0	0	0	5.9 ± 6.3	(12.3 - -0.4)
	5 -	3			3		
	TOTAL	69	60	6	3		

19-2 Cumulative survival rate by degree of 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	2,004	188	34	0	90.5 ± 1.3	(91.9 - 89.2)
	1 - 2	1,782	215	33	0	79.5 ± 1.8	(81.3 - 77.7)
	2 - 3	1,534	123	50	0	73.0 ± 2.0	(75.0 - 71.0)
	3 - 4	1,361	125	55	0	66.2 ± 2.2	(68.4 - 64.0)
	4 - 5	1,181	103	46	0	60.3 ± 2.3	(62.6 - 58.0)
	5 -	1,032			1,032		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	2,004	754	218	1,032		
P1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	57	33	2	0	41.1 ± 13.1	(54.2 - 27.9)
	1 - 2	22	9	0	0	24.3 ± 11.6	(35.9 - 12.7)
	2 - 3	13	5	0	0	14.9 ± 9.7	(24.6 - 5.2)
	3 - 4	8	1	0	0	13.1 ± 9.2	(22.2 - 3.9)
	4 - 5	7	1	0	0	11.2 ± 8.6	(19.8 - 2.6)
	5 -	6			6		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	57	49	2	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	18	9	0	0	50.0 ± 23.6	(73.6 - 26.4)
	1 - 2	9	6	0	0	16.7 ± 17.6	(34.2 - -0.9)
	2 - 3	3	0	0	0	16.7 ± 17.6	(34.2 - -0.9)
	3 - 4	3	2	0	0	5.6 ± 10.8	(16.4 - -5.2)
	4 - 5	1	0	0	0	5.6 ± 10.8	(16.4 - -5.2)
	5 -	1			1		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	18	17	0	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	21	17	1	0	17.1 ± 16.6	(33.7 - 0.5)
	1 - 2	3	1	0	0	11.4 ± 14.5	(25.8 - -3.1)
	2 - 3	2	1	0	0	5.7 ± 10.8	(16.5 - -5.1)
	3 - 4	1	0	0	0	5.7 ± 10.8	(16.5 - -5.1)
	4 - 5	1	0	0	0	5.7 ± 10.8	(16.5 - -5.1)
	5 -	1			1		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	21	19	1	1		

20 Cumulative survival rate by degree of metastasis to remote organ

Adenocarcinoma

Colon, M0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		2,167	288	71	0	86.5 ± 1.5	(88.0 - 85.0)
1 - 2		1,808	187	41	0	77.4 ± 1.8	(79.3 - 75.6)
2 - 3		1,580	127	45	0	71.1 ± 2.0	(73.1 - 69.1)
3 - 4		1,408	80	78	0	67.0 ± 2.1	(69.0 - 64.9)
4 - 5		1,250	62	63	0	63.6 ± 2.1	(65.7 - 61.4)
5 -		1,125			1,125		
TOTAL		2,167	744	298	1,125		
Colon, M1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		71	42	1	0	40.4 ± 11.7	(52.1 - 28.7)
1 - 2		28	18	1	0	14.0 ± 8.4	(22.3 - 5.6)
2 - 3		9	4	0	0	7.8 ± 6.6	(14.3 - 1.2)
3 - 4		5	2	1	0	4.3 ± 5.1	(9.5 - -0.8)
4 - 5		2	0	0	0	4.3 ± 5.1	(9.5 - -0.8)
5 -		2			2		
TOTAL		71	66	3	2		
Rectum, M0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		2,053	223	36	0	89.0 ± 1.4	(90.4 - 87.7)
1 - 2		1,794	219	33	0	78.1 ± 1.8	(79.9 - 76.2)
2 - 3		1,542	123	50	0	71.7 ± 2.0	(73.8 - 69.7)
3 - 4		1,369	128	54	0	64.9 ± 2.2	(67.1 - 62.7)
4 - 5		1,187	103	46	0	59.2 ± 2.2	(61.4 - 56.9)
5 -		1,038			1,038		
TOTAL		2,053	796	219	1,038		
Rectum, M1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		43	18	1	0	57.6 ± 15.2	(72.8 - 42.5)
1 - 2		24	11	1	0	30.7 ± 14.3	(45.0 - 16.3)
2 - 3		12	5	0	0	17.9 ± 12.1	(30.0 - 5.8)
3 - 4		7	0	2	0	17.9 ± 12.1	(30.0 - 5.8)
4 - 5		5	2	0	0	10.7 ± 10.7	(21.4 - 0.1)
5 -		3			3		
TOTAL		43	36	4	3		

21-1 Cumulative survival rate by degree of macroscopic 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	665	38	24	0	94.2 ± 1.8	(96.0 - 92.3)
	1 - 2	603	34	19	0	88.8 ± 2.5	(91.3 - 86.3)
	2 - 3	550	24	14	0	84.9 ± 2.9	(87.7 - 82.0)
	3 - 4	512	21	35	0	81.3 ± 3.1	(84.4 - 78.1)
	4 - 5	456	22	27	0	77.2 ± 3.4	(80.6 - 73.8)
	5 -	407			407		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	665	139	119	407		
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	792	72	18	0	90.8 ± 2.1	(92.9 - 88.7)
	1 - 2	702	70	14	0	81.7 ± 2.8	(84.4 - 78.9)
	2 - 3	618	62	22	0	73.3 ± 3.2	(76.5 - 70.1)
	3 - 4	534	36	23	0	68.3 ± 3.4	(71.7 - 64.9)
	4 - 5	475	25	25	0	64.6 ± 3.5	(68.1 - 61.1)
	5 -	425			425		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	792	265	102	425		
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	469	90	13	0	80.5 ± 3.7	(84.2 - 76.9)
	1 - 2	366	46	6	0	70.3 ± 4.3	(74.6 - 66.1)
	2 - 3	314	25	8	0	64.7 ± 4.5	(69.2 - 60.2)
	3 - 4	281	19	13	0	60.2 ± 4.6	(64.8 - 55.6)
	4 - 5	249	11	6	0	57.5 ± 4.7	(62.2 - 52.8)
	5 -	232			232		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	469	191	46	232		
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	177	51	10	0	70.3 ± 7.0	(77.3 - 63.4)
	1 - 2	116	29	2	0	52.6 ± 7.7	(60.3 - 44.9)
	2 - 3	85	14	1	0	43.9 ± 7.7	(51.6 - 36.2)
	3 - 4	70	4	5	0	41.3 ± 7.7	(49.0 - 33.6)
	4 - 5	61	5	4	0	37.8 ± 7.6	(45.4 - 30.1)
	5 -	52			52		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	177	103	22	52		
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	99	48	6	0	50.0 ± 10.2	(60.2 - 39.8)
	1 - 2	45	21	0	0	26.7 ± 9.2	(35.9 - 17.5)
	2 - 3	24	5	1	0	21.0 ± 8.5	(29.5 - 12.5)
	3 - 4	18	3	1	0	17.4 ± 8.0	(25.4 - 9.4)
	4 - 5	14	0	1	0	17.4 ± 8.0	(25.4 - 9.4)
	5 -	13			13		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	99	77	9	13		

21-2 Cumulative survival rate by degree of 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	835	38	13	0	95.4 ± 1.5	(96.9 - 94.0)
	1 - 2	784	40	14	0	90.5 ± 2.0	(92.5 - 88.5)
	2 - 3	730	26	28	0	87.2 ± 2.3	(89.6 - 84.9)
	3 - 4	676	44	28	0	81.4 ± 2.8	(84.2 - 78.7)
	4 - 5	604	38	29	0	76.2 ± 3.1	(79.2 - 73.1)
	5 -	537			537		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	835	186	112	537		
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	653	67	7	0	89.7 ± 2.4	(92.1 - 87.3)
	1 - 2	579	91	7	0	75.5 ± 3.4	(78.9 - 72.1)
	2 - 3	481	55	8	0	66.8 ± 3.7	(70.5 - 63.1)
	3 - 4	418	46	17	0	59.3 ± 3.9	(63.2 - 55.4)
	4 - 5	355	33	14	0	53.7 ± 4.0	(57.7 - 49.7)
	5 -	308			308		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	653	292	53	308		
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	391	58	7	0	85.0 ± 3.6	(88.7 - 81.4)
	1 - 2	326	52	8	0	71.3 ± 4.6	(75.9 - 66.7)
	2 - 3	266	35	8	0	61.8 ± 5.0	(66.8 - 56.8)
	3 - 4	223	34	7	0	52.2 ± 5.2	(57.4 - 47.0)
	4 - 5	182	27	3	0	44.4 ± 5.2	(49.6 - 39.2)
	5 -	152			152		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	391	206	33	152		
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	107	32	2	0	69.8 ± 8.9	(78.7 - 60.9)
	1 - 2	73	23	1	0	47.7 ± 9.8	(57.4 - 37.9)
	2 - 3	49	6	3	0	41.6 ± 9.7	(51.3 - 32.0)
	3 - 4	40	2	2	0	39.5 ± 9.7	(49.2 - 29.9)
	4 - 5	36	3	1	0	36.2 ± 9.6	(45.7 - 26.6)
	5 -	32			32		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	107	66	9	32		
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	77	39	2	0	48.7 ± 11.5	(60.2 - 37.2)
	1 - 2	36	19	3	0	21.9 ± 9.7	(31.6 - 12.1)
	2 - 3	14	5	1	0	13.8 ± 8.4	(22.2 - 5.4)
	3 - 4	8	2	0	0	10.3 ± 7.6	(17.9 - 2.7)
	4 - 5	6	3	0	0	5.2 ± 5.7	(10.8 - -0.5)
	5 -	3			3		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	77	68	6	3		

22-1 Cumulative survival rate by degree of histological lymph node metastasis

Colon, Adenocarcinoma

n0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	1,176	61	41	0	94.7 ± 1.3	(96.0 - 93.4)
	1 - 2	1,074	65	25	0	88.9 ± 1.9	(90.8 - 87.1)
	2 - 3	984	48	22	0	84.5 ± 2.2	(86.7 - 82.4)
	3 - 4	914	34	55	0	81.3 ± 2.3	(83.6 - 78.9)
	4 - 5	825	32	40	0	78.1 ± 2.5	(80.6 - 75.5)
	5 -	753			753		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,176	240	183	753		
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	507	78	10	0	84.5 ± 3.2	(87.7 - 81.2)
	1 - 2	419	52	9	0	73.9 ± 3.9	(77.8 - 69.9)
	2 - 3	358	46	14	0	64.2 ± 4.3	(68.5 - 59.8)
	3 - 4	298	25	11	0	58.7 ± 4.5	(63.2 - 54.2)
	4 - 5	262	13	16	0	55.7 ± 4.6	(60.3 - 51.1)
	5 -	233			233		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	507	214	60	233		
n2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	249	59	7	0	76.0 ± 5.5	(81.4 - 70.5)
	1 - 2	183	35	4	0	61.3 ± 6.3	(67.5 - 55.0)
	2 - 3	144	19	6	0	53.0 ± 6.5	(59.5 - 46.6)
	3 - 4	119	15	7	0	46.1 ± 6.5	(52.7 - 39.6)
	4 - 5	97	14	3	0	39.4 ± 6.5	(45.9 - 32.9)
	5 -	80			80		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	249	142	27	80		
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	88	26	3	0	69.9 ± 9.9	(79.8 - 60.1)
	1 - 2	59	20	1	0	46.0 ± 10.8	(56.9 - 35.2)
	2 - 3	38	13	1	0	30.1 ± 10.1	(40.1 - 20.0)
	3 - 4	24	3	2	0	26.2 ± 9.7	(35.9 - 16.4)
	4 - 5	19	2	0	0	23.4 ± 9.4	(32.8 - 14.0)
	5 -	17			17		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	88	64	7	17		
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	47	17	1	0	63.4 ± 14.1	(77.6 - 49.3)
	1 - 2	29	14	0	0	32.8 ± 13.9	(46.7 - 19.0)
	2 - 3	15	4	0	0	24.1 ± 12.6	(36.7 - 11.4)
	3 - 4	11	2	0	0	19.7 ± 11.7	(31.4 - 7.9)
	4 - 5	9	0	0	0	19.7 ± 11.7	(31.4 - 7.9)
	5 -	9			9		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	47	37	1	9		

22-2 Cumulative survival rate by degree of histological lymph node metastasis

Rectum, Adenocarcinoma

n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,110	65	11	0	94.1 ± 1.4	(95.5 - 92.7)
1 - 2	1,034	55	15	0	89.1 ± 1.9	(91.0 - 87.2)
2 - 3	964	43	27	0	85.0 ± 2.2	(87.2 - 82.9)
3 - 4	894	56	39	0	79.6 ± 2.5	(82.1 - 77.1)
4 - 5	799	44	33	0	75.1 ± 2.7	(77.8 - 72.5)
5 -	722			722		
TOTAL	1,110	263	125	722		

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	449	47	9	0	89.4 ± 2.9	(92.3 - 86.5)
1 - 2	393	71	10	0	73.1 ± 4.2	(77.3 - 68.8)
2 - 3	312	42	7	0	63.1 ± 4.6	(67.8 - 58.5)
3 - 4	263	35	10	0	54.6 ± 4.8	(59.4 - 49.7)
4 - 5	218	30	7	0	46.9 ± 4.9	(51.8 - 42.0)
5 -	181			181		
TOTAL	449	225	43	181		

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	289	42	6	0	85.3 ± 4.2	(89.5 - 81.1)
1 - 2	241	57	7	0	64.8 ± 5.7	(70.5 - 59.1)
2 - 3	177	30	8	0	53.6 ± 6.0	(59.6 - 47.6)
3 - 4	139	24	5	0	44.2 ± 6.1	(50.2 - 38.1)
4 - 5	110	19	3	0	36.4 ± 5.9	(42.4 - 30.5)
5 -	88			88		
TOTAL	289	172	29	88		

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	61	18	1	0	70.2 ± 11.8	(82.0 - 58.5)
1 - 2	42	16	0	0	43.5 ± 12.8	(56.3 - 30.7)
2 - 3	26	7	4	0	30.8 ± 12.1	(42.9 - 18.7)
3 - 4	15	3	0	0	24.6 ± 11.6	(36.3 - 13.0)
4 - 5	12	3	0	0	18.5 ± 10.7	(29.1 - 7.8)
5 -	9			9		
TOTAL	61	47	5	9		

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	45	21	0	0	53.3 ± 14.9	(68.2 - 38.5)
1 - 2	24	17	1	0	14.8 ± 10.7	(25.4 - 4.1)
2 - 3	6	2	0	0	9.8 ± 9.1	(18.9 - 0.7)
3 - 4	4	0	0	0	9.8 ± 9.1	(18.9 - 0.7)
4 - 5	4	2	0	0	4.9 ± 6.7	(11.6 - -1.8)
5 -	2			2		
TOTAL	45	42	1	2		

23-1 Cumulative survival rate by degree of 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	73	1	3	0	98.6 ± 2.8	(101.4 - 95.8)
1 - 2	69	2	4	0	95.7 ± 4.9	(100.6 - 90.8)
2 - 3	63	0	0	0	95.7 ± 4.9	(100.6 - 90.8)
3 - 4	63	1	6	0	94.1 ± 5.8	(99.8 - 88.3)
4 - 5	56	0	6	0	94.1 ± 5.8	(99.8 - 88.3)
5 -	50			50		
TOTAL	73	4	19	50		

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	113	2	5	0	98.2 ± 2.5	(100.7 - 95.7)
1 - 2	106	2	3	0	96.3 ± 3.6	(99.9 - 92.7)
2 - 3	101	1	0	0	95.4 ± 4.1	(99.4 - 91.3)
3 - 4	100	1	5	0	94.4 ± 4.5	(98.8 - 89.9)
4 - 5	94	2	2	0	92.3 ± 5.2	(97.6 - 87.1)
5 -	90			90		
TOTAL	113	8	15	90		

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	202	6	6	0	97.0 ± 2.4	(99.4 - 94.6)
1 - 2	190	4	4	0	94.9 ± 3.1	(98.1 - 91.8)
2 - 3	182	5	5	0	92.3 ± 3.8	(96.1 - 88.4)
3 - 4	172	6	3	0	89.0 ± 4.5	(93.6 - 84.5)
4 - 5	163	4	6	0	86.8 ± 4.9	(91.7 - 81.9)
5 -	153			153		
TOTAL	202	25	24	153		

SS

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	811	88	19	0	89.0 ± 2.2	(91.2 - 86.8)
1 - 2	704	67	15	0	80.5 ± 2.8	(83.3 - 77.6)
2 - 3	622	43	19	0	74.8 ± 3.1	(77.9 - 71.7)
3 - 4	560	32	40	0	70.4 ± 3.3	(73.7 - 67.1)
4 - 5	488	28	27	0	66.2 ± 3.5	(69.7 - 62.8)
5 -	433			433		
TOTAL	811	258	120	433		

S

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	785	141	25	0	81.7 ± 2.8	(84.5 - 79.0)
1 - 2	619	96	11	0	69.0 ± 3.4	(72.3 - 65.6)
2 - 3	512	61	15	0	60.6 ± 3.6	(64.2 - 57.1)
3 - 4	436	39	19	0	55.1 ± 3.7	(58.7 - 51.4)
4 - 5	378	23	18	0	51.6 ± 3.7	(55.3 - 47.9)
5 -	337			337		
TOTAL	785	360	88	337		

Si

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	237	68	14	0	70.4 ± 6.0	(76.5 - 64.4)
1 - 2	155	32	6	0	55.6 ± 6.7	(62.3 - 49.0)
2 - 3	117	22	5	0	44.9 ± 6.8	(51.7 - 38.2)
3 - 4	90	5	7	0	42.3 ± 6.8	(49.1 - 35.6)
4 - 5	78	6	4	0	39.0 ± 6.7	(45.7 - 32.2)
5 -	68			68		
TOTAL	237	133	36	68		

23-2 Cumulative survival rate by degree of histological depth of invasion Rectum, Adenocarcinoma

m	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>86</td><td>0</td><td>1</td><td>0</td><td>100.0 ± 0.0</td><td>(100.0 - 100.0)</td></tr><tr><td>1 - 2</td><td>85</td><td>2</td><td>1</td><td>0</td><td>97.6 ± 3.3</td><td>(100.9 - 94.3)</td></tr><tr><td>2 - 3</td><td>82</td><td>0</td><td>4</td><td>0</td><td>97.6 ± 3.3</td><td>(100.9 - 94.3)</td></tr><tr><td>3 - 4</td><td>78</td><td>4</td><td>7</td><td>0</td><td>92.4 ± 6.0</td><td>(98.4 - 86.4)</td></tr><tr><td>4 - 5</td><td>67</td><td>0</td><td>5</td><td>0</td><td>92.4 ± 6.0</td><td>(98.4 - 86.4)</td></tr><tr><td>5 -</td><td>62</td><td></td><td></td><td>62</td><td></td><td></td></tr><tr><td>TOTAL</td><td>86</td><td>6</td><td>18</td><td>62</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	86	0	1	0	100.0 ± 0.0	(100.0 - 100.0)	1 - 2	85	2	1	0	97.6 ± 3.3	(100.9 - 94.3)	2 - 3	82	0	4	0	97.6 ± 3.3	(100.9 - 94.3)	3 - 4	78	4	7	0	92.4 ± 6.0	(98.4 - 86.4)	4 - 5	67	0	5	0	92.4 ± 6.0	(98.4 - 86.4)	5 -	62			62			TOTAL	86	6	18	62		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR																																																			
0 - 1	86	0	1	0	100.0 ± 0.0	(100.0 - 100.0)																																																			
1 - 2	85	2	1	0	97.6 ± 3.3	(100.9 - 94.3)																																																			
2 - 3	82	0	4	0	97.6 ± 3.3	(100.9 - 94.3)																																																			
3 - 4	78	4	7	0	92.4 ± 6.0	(98.4 - 86.4)																																																			
4 - 5	67	0	5	0	92.4 ± 6.0	(98.4 - 86.4)																																																			
5 -	62			62																																																					
TOTAL	86	6	18	62																																																					
sm	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>154</td><td>6</td><td>5</td><td>0</td><td>96.0 ± 3.2</td><td>(99.2 - 92.9)</td></tr><tr><td>1 - 2</td><td>143</td><td>8</td><td>2</td><td>0</td><td>90.6 ± 4.8</td><td>(95.4 - 85.9)</td></tr><tr><td>2 - 3</td><td>133</td><td>3</td><td>2</td><td>0</td><td>88.6 ± 5.2</td><td>(93.8 - 83.3)</td></tr><tr><td>3 - 4</td><td>128</td><td>2</td><td>7</td><td>0</td><td>87.1 ± 5.5</td><td>(92.7 - 81.6)</td></tr><tr><td>4 - 5</td><td>119</td><td>3</td><td>4</td><td>0</td><td>84.9 ± 5.9</td><td>(90.9 - 79.0)</td></tr><tr><td>5 -</td><td>112</td><td></td><td></td><td>112</td><td></td><td></td></tr><tr><td>TOTAL</td><td>154</td><td>22</td><td>20</td><td>112</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	154	6	5	0	96.0 ± 3.2	(99.2 - 92.9)	1 - 2	143	8	2	0	90.6 ± 4.8	(95.4 - 85.9)	2 - 3	133	3	2	0	88.6 ± 5.2	(93.8 - 83.3)	3 - 4	128	2	7	0	87.1 ± 5.5	(92.7 - 81.6)	4 - 5	119	3	4	0	84.9 ± 5.9	(90.9 - 79.0)	5 -	112			112			TOTAL	154	22	20	112		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR																																																			
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pm	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>390</td><td>10</td><td>1</td><td>0</td><td>97.4 ± 1.6</td><td>(99.0 - 95.8)</td></tr><tr><td>1 - 2</td><td>379</td><td>13</td><td>7</td><td>0</td><td>94.1 ± 2.4</td><td>(96.5 - 91.7)</td></tr><tr><td>2 - 3</td><td>359</td><td>14</td><td>10</td><td>0</td><td>90.3 ± 3.0</td><td>(93.4 - 87.3)</td></tr><tr><td>3 - 4</td><td>335</td><td>24</td><td>5</td><td>0</td><td>83.8 ± 3.8</td><td>(87.6 - 80.0)</td></tr><tr><td>4 - 5</td><td>306</td><td>18</td><td>11</td><td>0</td><td>78.8 ± 4.2</td><td>(83.0 - 74.6)</td></tr><tr><td>5 -</td><td>277</td><td></td><td></td><td>277</td><td></td><td></td></tr><tr><td>TOTAL</td><td>390</td><td>79</td><td>34</td><td>277</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	390	10	1	0	97.4 ± 1.6	(99.0 - 95.8)	1 - 2	379	13	7	0	94.1 ± 2.4	(96.5 - 91.7)	2 - 3	359	14	10	0	90.3 ± 3.0	(93.4 - 87.3)	3 - 4	335	24	5	0	83.8 ± 3.8	(87.6 - 80.0)	4 - 5	306	18	11	0	78.8 ± 4.2	(83.0 - 74.6)	5 -	277			277			TOTAL	390	79	34	277		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR																																																			
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ai	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>588</td><td>50</td><td>10</td><td>0</td><td>91.4 ± 2.3</td><td>(93.7 - 89.1)</td></tr><tr><td>1 - 2</td><td>528</td><td>57</td><td>11</td><td>0</td><td>81.5 ± 3.2</td><td>(84.7 - 78.2)</td></tr><tr><td>2 - 3</td><td>460</td><td>32</td><td>17</td><td>0</td><td>75.7 ± 3.6</td><td>(79.3 - 72.1)</td></tr><tr><td>3 - 4</td><td>411</td><td>36</td><td>23</td><td>0</td><td>68.9 ± 3.9</td><td>(72.8 - 64.9)</td></tr><tr><td>4 - 5</td><td>352</td><td>31</td><td>16</td><td>0</td><td>62.7 ± 4.2</td><td>(66.8 - 58.5)</td></tr><tr><td>5 -</td><td>305</td><td></td><td></td><td>305</td><td></td><td></td></tr><tr><td>TOTAL</td><td>588</td><td>206</td><td>77</td><td>305</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	588	50	10	0	91.4 ± 2.3	(93.7 - 89.1)	1 - 2	528	57	11	0	81.5 ± 3.2	(84.7 - 78.2)	2 - 3	460	32	17	0	75.7 ± 3.6	(79.3 - 72.1)	3 - 4	411	36	23	0	68.9 ± 3.9	(72.8 - 64.9)	4 - 5	352	31	16	0	62.7 ± 4.2	(66.8 - 58.5)	5 -	305			305			TOTAL	588	206	77	305		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR																																																			
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a2	<table><tr><th>YEAR OF OBSERVAT</th><th>ALIVE AT BEGINNING</th><th>DIED IN INTERVAL</th><th>LOST TO FOLLW-UP</th><th>WITHDRAWN IN ALIVE</th><th>CUMULATIVE SURV.R± 2SE</th><th>GREENWOOD'S 5% STD ERROR</th></tr><tr><td>0 - 1</td><td>712</td><td>111</td><td>17</td><td>0</td><td>84.2 ± 2.7</td><td>(87.0 - 81.5)</td></tr><tr><td>1 - 2</td><td>584</td><td>113</td><td>11</td><td>0</td><td>67.8 ± 3.5</td><td>(71.3 - 64.2)</td></tr><tr><td>2 - 3</td><td>460</td><td>61</td><td>12</td><td>0</td><td>58.7 ± 3.8</td><td>(62.4 - 54.9)</td></tr><tr><td>3 - 4</td><td>387</td><td>49</td><td>15</td><td>0</td><td>51.1 ± 3.8</td><td>(54.9 - 47.2)</td></tr><tr><td>4 - 5</td><td>323</td><td>47</td><td>11</td><td>0</td><td>43.5 ± 3.9</td><td>(47.4 - 39.7)</td></tr><tr><td>5 -</td><td>265</td><td></td><td></td><td>265</td><td></td><td></td></tr><tr><td>TOTAL</td><td>712</td><td>381</td><td>66</td><td>265</td><td></td><td></td></tr></table>	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR	0 - 1	712	111	17	0	84.2 ± 2.7	(87.0 - 81.5)	1 - 2	584	113	11	0	67.8 ± 3.5	(71.3 - 64.2)	2 - 3	460	61	12	0	58.7 ± 3.8	(62.4 - 54.9)	3 - 4	387	49	15	0	51.1 ± 3.8	(54.9 - 47.2)	4 - 5	323	47	11	0	43.5 ± 3.9	(47.4 - 39.7)	5 -	265			265			TOTAL	712	381	66	265		
YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR																																																			
0 - 1	712	111	17	0	84.2 ± 2.7	(87.0 - 81.5)																																																			
1 - 2	584	113	11	0	67.8 ± 3.5	(71.3 - 64.2)																																																			
2 - 3	460	61	12	0	58.7 ± 3.8	(62.4 - 54.9)																																																			
3 - 4	387	49	15	0	51.1 ± 3.8	(54.9 - 47.2)																																																			
4 - 5	323	47	11	0	43.5 ± 3.9	(47.4 - 39.7)																																																			
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YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR																																																			
0 - 1	158	41	2	0	73.9 ± 7.0	(80.9 - 66.9)																																																			
1 - 2	115	36	2	0	50.6 ± 8.0	(58.6 - 42.5)																																																			
2 - 3	77	18	3	0	38.5 ± 7.9	(46.4 - 30.6)																																																			
3 - 4	56	14	0	0	28.9 ± 7.4	(36.3 - 21.5)																																																			
4 - 5	42	7	1	0	24.0 ± 7.0	(31.0 - 17.0)																																																			
5 -	34			34																																																					
TOTAL	158	116	8	34																																																					

24-1 Cumulative survival rate by 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	58	2	10	0	96.2 ± 5.2	(101.5 - 91.0)
	1 - 2	46	2	4	0	91.9 ± 7.8	(99.7 - 84.0)
	2 - 3	40	0	6	0	91.9 ± 7.8	(99.7 - 84.0)
	3 - 4	34	0	1	0	91.9 ± 7.8	(99.7 - 84.0)
	4 - 5	33	0	3	0	91.9 ± 7.8	(99.7 - 84.0)
	5 -	30			30		
	TOTAL	58	4	24	30		
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	2,268	333	74	0	85.1 ± 1.5	(86.6 - 83.6)
	1 - 2	1,861	210	42	0	75.4 ± 1.8	(77.2 - 73.5)
	2 - 3	1,609	134	46	0	69.0 ± 2.0	(71.0 - 67.0)
	3 - 4	1,429	85	80	0	64.8 ± 2.1	(66.8 - 62.7)
	4 - 5	1,264	63	63	0	61.5 ± 2.1	(63.6 - 59.3)
	5 -	1,138			1,138		
	TOTAL	2,268	825	305	1,138		
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	9	7	1	0	17.6 ± 26.2	(43.8 - -8.5)
	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	9	8	1	0		
No treatment	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	17	8	0	0	52.9 ± 24.2	(77.2 - 28.7)
	1 - 2	9	1	2	0	46.3 ± 24.5	(70.9 - 21.8)
	2 - 3	6	0	0	0	46.3 ± 24.5	(70.9 - 21.8)
	3 - 4	6	0	0	0	46.3 ± 24.5	(70.9 - 21.8)
	4 - 5	6	0	1	0	46.3 ± 24.5	(70.9 - 21.8)
	5 -	5			5		
	TOTAL	17	9	3	5		

24-2 Cumulative survival rate by 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	28	1	4	0	96.2 ± 7.5	(103.7 - 88.6)
	1 - 2	23	0	2	0	96.2 ± 7.5	(103.7 - 88.6)
	2 - 3	21	0	1	0	96.2 ± 7.5	(103.7 - 88.6)
	3 - 4	20	0	1	0	96.2 ± 7.5	(103.7 - 88.6)
	4 - 5	19	0	1	0	96.2 ± 7.5	(103.7 - 88.6)
	5 -	18			18		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	28	1	9	18		
	=====	=====	=====	=====	=====	=====	=====
Surgery	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	2,135	244	41	0	88.5 ± 1.4	(89.9 - 87.1)
	1 - 2	1,850	234	34	0	77.2 ± 1.8	(79.0 - 75.3)
	2 - 3	1,582	130	50	0	70.7 ± 2.0	(72.7 - 68.7)
	3 - 4	1,402	130	57	0	64.0 ± 2.1	(66.2 - 61.9)
	4 - 5	1,215	106	47	0	58.3 ± 2.2	(60.5 - 56.1)
	5 -	1,062			1,062		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	2,135	844	229	1,062		
	=====	=====	=====	=====	=====	=====	=====
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	17	14	0	0	17.6 ± 18.5	(36.1 - -0.8)
	1 - 2	3	2	0	0	5.9 ± 11.4	(17.3 - -5.5)
	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	17	17	0	0		
	=====	=====	=====	=====	=====	=====	=====
No treatment	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	9	5	0	0	44.4 ± 33.1	(77.6 - 11.3)
	1 - 2	4	0	0	0	44.4 ± 33.1	(77.6 - 11.3)
	2 - 3	4	1	0	0	33.3 ± 31.4	(64.8 - 1.9)
	3 - 4	3	0	0	0	33.3 ± 31.4	(64.8 - 1.9)
	4 - 5	3	0	1	0	33.3 ± 31.4	(64.8 - 1.9)
	5 -	2			2		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	9	6	1	2		
	=====	=====	=====	=====	=====	=====	=====

25 Cumulative survival rate for patients with [H0, P0, M0, N0 or n0]

Adenocarcinoma

Colon, N0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		625	23	25	0	96.2 ± 1.5	(97.8 - 94.7)
1 - 2		577	29	18	0	91.3 ± 2.3	(93.6 - 89.0)
2 - 3		530	21	13	0	87.7 ± 2.7	(90.4 - 85.0)
3 - 4		496	20	33	0	84.0 ± 3.0	(87.1 - 81.0)
4 - 5		443	20	27	0	80.1 ± 3.4	(83.5 - 76.7)
5 -		396			396		
TOTAL		625	113	116	396		
Rectum, N0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		792	28	10	0	96.4 ± 1.3	(97.8 - 95.1)
1 - 2		754	31	14	0	92.4 ± 1.9	(94.3 - 90.5)
2 - 3		709	24	28	0	89.2 ± 2.2	(91.5 - 87.0)
3 - 4		657	44	26	0	83.2 ± 2.7	(85.9 - 80.4)
4 - 5		587	36	27	0	77.9 ± 3.1	(81.0 - 74.9)
5 -		524			524		
TOTAL		792	163	105	524		
Colon, n0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		642	21	27	0	96.7 ± 1.4	(98.1 - 95.2)
1 - 2		594	23	14	0	92.9 ± 2.1	(94.9 - 90.8)
2 - 3		557	21	11	0	89.3 ± 2.5	(91.8 - 86.8)
3 - 4		525	17	26	0	86.4 ± 2.8	(89.2 - 83.6)
4 - 5		482	20	29	0	82.7 ± 3.1	(85.8 - 79.5)
5 -		433			433		
TOTAL		642	102	107	433		
Rectum, n0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		604	24	7	0	96.0 ± 1.6	(97.6 - 94.4)
1 - 2		573	28	7	0	91.3 ± 2.3	(93.6 - 89.0)
2 - 3		538	18	11	0	88.2 ± 2.7	(90.8 - 85.5)
3 - 4		509	29	26	0	83.0 ± 3.1	(86.2 - 79.9)
4 - 5		454	25	19	0	78.4 ± 3.5	(81.8 - 74.9)
5 -		410			410		
TOTAL		604	124	70	410		

26-1 Cumulative survival rate for patients with [H0, P0, M0, N0] 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	76	1	3	0	98.7 ± 2.7	(101.3 - 96.0)
	1 - 2	72	3	5	0	94.4 ± 5.4	(99.8 - 89.0)
	2 - 3	64	0	0	0	94.4 ± 5.4	(99.8 - 89.0)
	3 - 4	64	2	2	0	91.4 ± 6.7	(98.1 - 84.7)
	4 - 5	60	2	3	0	88.3 ± 7.8	(96.1 - 80.5)
	5 -	55			55		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	76	8	13	55		
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	88	1	5	0	98.8 ± 2.3	(101.2 - 96.5)
	1 - 2	82	4	1	0	94.0 ± 5.2	(99.2 - 88.8)
	2 - 3	77	2	1	0	91.5 ± 6.1	(97.7 - 85.4)
	3 - 4	74	0	6	0	91.5 ± 6.1	(97.7 - 85.4)
	4 - 5	68	1	3	0	90.1 ± 6.6	(96.8 - 83.5)
	5 -	64			64		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	88	8	16	64		
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	72	3	4	0	95.7 ± 4.8	(100.6 - 90.9)
	1 - 2	65	0	2	0	95.7 ± 4.8	(100.6 - 90.9)
	2 - 3	63	2	2	0	92.6 ± 6.4	(99.0 - 86.3)
	3 - 4	59	4	1	0	86.3 ± 8.5	(94.8 - 77.8)
	4 - 5	54	3	2	0	81.4 ± 9.7	(91.1 - 71.7)
	5 -	49			49		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	72	12	11	49		
SS	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	148	5	2	0	96.6 ± 3.0	(99.6 - 93.6)
	1 - 2	141	6	3	0	92.4 ± 4.4	(96.8 - 88.1)
	2 - 3	132	3	5	0	90.3 ± 4.9	(95.2 - 85.4)
	3 - 4	124	5	10	0	86.5 ± 5.8	(92.3 - 80.7)
	4 - 5	109	6	6	0	81.6 ± 6.7	(88.3 - 74.9)
	5 -	97			97		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	148	25	26	97		
S	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	170	10	6	0	94.0 ± 3.7	(97.7 - 90.3)
	1 - 2	154	14	4	0	85.4 ± 5.5	(90.9 - 79.8)
	2 - 3	136	11	3	0	78.4 ± 6.5	(84.9 - 71.9)
	3 - 4	122	7	9	0	73.7 ± 7.0	(80.7 - 66.7)
	4 - 5	106	6	8	0	69.4 ± 7.4	(76.8 - 61.9)
	5 -	92			92		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	170	48	30	92		
Si	YEAR OF OBSERVAT	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	3	5	0	93.7 ± 7.1	(100.7 - 86.6)
	1 - 2	42	1	3	0	91.4 ± 8.3	(99.6 - 83.1)
	2 - 3	38	3	1	0	84.1 ± 11.1	(95.2 - 73.0)
	3 - 4	34	2	3	0	78.9 ± 12.6	(91.5 - 66.3)
	4 - 5	29	1	3	0	76.0 ± 13.4	(89.4 - 62.6)
	5 -	25			25		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	50	10	15	25		

26-2 Cumulative survival rate for patients with [H0, P0, M0, N1] by
macroscopic depth of invasion

Colon, Adenocarcinoma

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

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

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	30	1	0	0	96.7 ± 6.6	(103.2 - 90.1)
	1 - 2	29	0	0	0	96.7 ± 6.6	(103.2 - 90.1)
	2 - 3	29	2	1	0	89.9 ± 11.1	(101.0 - 78.8)
	3 - 4	26	0	2	0	89.9 ± 11.1	(101.0 - 78.8)
	4 - 5	24	0	1	0	89.9 ± 11.1	(101.0 - 78.8)
	5 -	23			23		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	30	3	4	23		

SS	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	164	7	5	0	95.7 ± 3.2	(98.9 - 92.5)
	1 - 2	152	7	3	0	91.2 ± 4.5	(95.7 - 86.7)
	2 - 3	142	5	4	0	88.0 ± 5.2	(93.1 - 82.8)
	3 - 4	133	8	6	0	82.5 ± 6.1	(88.7 - 76.4)
	4 - 5	119	3	6	0	80.4 ± 6.4	(86.8 - 74.0)
	5 -	110			110		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	164	30	24	110		

S	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	363	15	10	0	95.8 ± 2.1	(97.9 - 93.7)
	1 - 2	338	20	7	0	90.1 ± 3.2	(93.3 - 86.9)
	2 - 3	311	23	8	0	83.3 ± 4.0	(87.3 - 79.3)
	3 - 4	280	18	9	0	77.9 ± 4.5	(82.4 - 73.4)
	4 - 5	253	15	11	0	73.2 ± 4.8	(78.0 - 68.3)
	5 -	227			227		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	363	91	45	227		

Si	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	89	8	1	0	91.0 ± 6.1	(97.1 - 84.9)
	1 - 2	80	7	3	0	82.8 ± 8.1	(90.9 - 74.8)
	2 - 3	70	13	7	0	66.7 ± 10.3	(77.0 - 56.3)
	3 - 4	50	6	4	0	58.3 ± 11.1	(69.4 - 47.3)
	4 - 5	40	3	2	0	53.8 ± 11.4	(65.2 - 42.5)
	5 -	35			35		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	89	37	17	35		

26-3 Cumulative survival rate for patients with [H0, P0, M0, N2] 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	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	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	11	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	11	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	11	1	0	0	90.9 ± 17.3	(108.2 - 73.6)
	3 - 4	10	0	2	0	90.9 ± 17.3	(108.2 - 73.6)
	4 - 5	8	0	0	0	90.9 ± 17.3	(108.2 - 73.6)
	5 -	8			8		
	TOTAL	11	1	2	8		
SS	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	57	1	1	0	98.2 ± 3.5	(101.7 - 94.7)
	1 - 2	55	2	1	0	94.6 ± 6.0	(100.7 - 88.6)
	2 - 3	52	0	1	0	94.6 ± 6.0	(100.7 - 88.6)
	3 - 4	51	1	2	0	92.7 ± 7.0	(99.7 - 85.7)
	4 - 5	48	1	0	0	90.8 ± 7.9	(98.7 - 82.9)
	5 -	47			47		
	TOTAL	57	5	5	47		
S	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	164	10	3	0	93.8 ± 3.8	(97.6 - 90.1)
	1 - 2	151	8	1	0	88.9 ± 5.0	(93.8 - 83.9)
	2 - 3	142	7	3	0	84.4 ± 5.7	(90.2 - 78.7)
	3 - 4	132	11	4	0	77.3 ± 6.7	(84.0 - 70.6)
	4 - 5	117	7	5	0	72.6 ± 7.2	(79.7 - 65.4)
	5 -	105			105		
	TOTAL	164	43	16	105		
Si	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	82	10	3	0	87.6 ± 7.4	(94.9 - 80.2)
	1 - 2	69	7	1	0	78.6 ± 9.2	(87.8 - 69.4)
	2 - 3	61	4	2	0	73.4 ± 10.0	(83.4 - 63.4)
	3 - 4	55	5	4	0	66.5 ± 10.8	(77.2 - 55.7)
	4 - 5	46	2	1	0	63.5 ± 11.1	(74.6 - 52.5)
	5 -	43			43		
	TOTAL	82	28	11	43		

26-4 Cumulative survival rate for patients with [H0, P0, M0, N3] by
macroscopic depth of invasion

Colon, Adenocarcinoma

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

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

PM	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	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	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	18	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	18	3	2	0	82.4 ± 18.5	(100.8 - 63.9)
	2 - 3	13	1	1	0	75.8 ± 21.2	(97.0 - 54.6)
	3 - 4	11	0	1	0	75.8 ± 21.2	(97.0 - 54.6)
	4 - 5	10	0	2	0	75.8 ± 21.2	(97.0 - 54.6)
	5 -	8			8		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	18	4	6	8		

S	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	42	3	2	0	92.7 ± 8.1	(100.8 - 84.5)
	1 - 2	37	5	0	0	80.2 ± 12.6	(92.7 - 67.6)
	2 - 3	32	6	0	0	65.1 ± 15.1	(80.2 - 50.1)
	3 - 4	26	3	1	0	57.5 ± 15.7	(73.1 - 41.8)
	4 - 5	22	2	2	0	52.0 ± 16.0	(68.0 - 36.0)
	5 -	18			18		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	42	19	5	18		

Si	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	42	7	4	0	82.5 ± 12.0	(94.5 - 70.5)
	1 - 2	31	7	0	0	63.9 ± 15.5	(79.4 - 48.4)
	2 - 3	24	2	0	0	58.5 ± 15.9	(74.5 - 42.6)
	3 - 4	22	0	3	0	58.5 ± 15.9	(74.5 - 42.6)
	4 - 5	19	2	0	0	52.4 ± 16.5	(68.8 - 35.9)
	5 -	17			17		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	42	18	7	17		

26-5 Cumulative survival rate for patients with [H0, P0, M0, N4] by
macroscopic depth of invasion

Colon, Adenocarcinoma

M

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

SM

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

PM

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

SS

YEAR OF OBSERVAT	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	2	0	0	50.0 ± 50.0	(100.0 - 0.0)
1 - 2	2	1	0	0	25.0 ± 43.3	(68.3 --18.3)
2 - 3	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
3 - 4	1	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	4	4	0	0		

S

YEAR OF OBSERVAT	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	4	0	0	60.0 ± 31.0	(91.0 - 29.0)
1 - 2	6	3	0	0	30.0 ± 29.0	(59.0 - 1.0)
2 - 3	3	1	0	0	20.0 ± 25.3	(45.3 - -5.3)
3 - 4	2	0	1	0	20.0 ± 25.3	(45.3 - -5.3)
4 - 5	1	0	0	0	20.0 ± 25.3	(45.3 - -5.3)
5 -	1			1		
TOTAL	10	8	1	1		

Si

YEAR OF OBSERVAT	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	3	0	0	83.3 ± 17.6	(100.9 - 65.8)
1 - 2	15	5	0	0	55.6 ± 23.4	(79.0 - 32.1)
2 - 3	10	1	0	0	50.0 ± 23.6	(73.6 - 26.4)
3 - 4	9	1	0	0	44.4 ± 23.4	(67.9 - 21.0)
4 - 5	8	0	1	0	44.4 ± 23.4	(67.9 - 21.0)
5 -	7			7		
TOTAL	18	10	1	7		

26-6 Cumulative survival rate for patients with [H0, P0, M0, N0] by
macroscopic 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	52	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	51	2	0	0	96.1 ± 5.4	(101.5 - 90.6)
	2 - 3	49	0	4	0	96.1 ± 5.4	(101.5 - 90.6)
	3 - 4	45	3	4	0	89.4 ± 9.0	(98.4 - 80.4)
	4 - 5	38	0	3	0	89.4 ± 9.0	(98.4 - 80.4)
	5 -	35			35		
	TOTAL	52	5	12	35		
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	114	6	3	0	94.7 ± 4.2	(98.9 - 90.4)
	1 - 2	105	3	1	0	91.9 ± 5.1	(97.1 - 86.8)
	2 - 3	101	2	2	0	90.1 ± 5.7	(95.8 - 84.4)
	3 - 4	97	1	6	0	89.2 ± 5.9	(95.1 - 83.2)
	4 - 5	90	2	3	0	87.1 ± 6.4	(93.6 - 80.7)
	5 -	85			85		
	TOTAL	114	14	15	85		
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	205	2	3	0	99.0 ± 1.4	(100.4 - 97.6)
	1 - 2	200	6	3	0	96.0 ± 2.8	(98.8 - 93.3)
	2 - 3	191	6	6	0	93.0 ± 3.6	(96.6 - 89.3)
	3 - 4	179	9	4	0	88.2 ± 4.6	(92.8 - 83.6)
	4 - 5	166	11	9	0	82.2 ± 5.5	(87.8 - 76.7)
	5 -	146			146		
	TOTAL	205	34	25	146		
A1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	206	7	0	0	96.6 ± 2.5	(99.1 - 94.1)
	1 - 2	199	7	4	0	93.2 ± 3.5	(96.7 - 89.6)
	2 - 3	188	6	9	0	90.1 ± 4.2	(94.3 - 85.9)
	3 - 4	173	11	7	0	84.3 ± 5.2	(89.5 - 79.1)
	4 - 5	155	8	6	0	79.8 ± 5.8	(85.6 - 74.0)
	5 -	141			141		
	TOTAL	206	39	26	141		
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	157	8	1	0	94.9 ± 3.5	(98.4 - 91.4)
	1 - 2	148	7	3	0	90.4 ± 4.7	(95.1 - 85.6)
	2 - 3	138	7	4	0	85.7 ± 5.6	(91.4 - 80.1)
	3 - 4	127	17	5	0	74.0 ± 7.2	(81.2 - 66.8)
	4 - 5	105	13	3	0	64.7 ± 7.9	(72.6 - 56.8)
	5 -	89			89		
	TOTAL	157	52	16	89		
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	45	5	1	0	88.8 ± 9.5	(98.2 - 79.3)
	1 - 2	39	6	2	0	74.7 ± 13.2	(87.9 - 61.6)
	2 - 3	31	3	2	0	67.3 ± 14.4	(81.7 - 52.9)
	3 - 4	26	3	0	0	59.5 ± 15.3	(74.8 - 44.2)
	4 - 5	23	2	2	0	54.1 ± 15.7	(69.8 - 38.4)
	5 -	19			19		
	TOTAL	45	19	7	19		

26-7 Cumulative survival rate for patients with [H0, P0, M0, N1] 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	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	2	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	2	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	5 -	1			1		
	TOTAL	2	0	1	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	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	0	1	0	80.0 ± 35.8	(115.8 - 44.2)
	3 - 4	3	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
	4 - 5	3	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
	5 -	3			3		
	TOTAL	5	1	1	3		

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	43	2	0	0	95.3 ± 6.4	(101.8 - 88.9)
	1 - 2	41	3	0	0	88.4 ± 9.8	(98.1 - 78.6)
	2 - 3	38	0	0	0	88.4 ± 9.8	(98.1 - 78.6)
	3 - 4	38	3	1	0	81.3 ± 11.9	(93.2 - 69.4)
	4 - 5	34	0	2	0	81.3 ± 11.9	(93.2 - 69.4)
	5 -	32			32		
	TOTAL	43	8	3	32		

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	162	5	4	0	96.9 ± 2.8	(99.6 - 94.1)
	1 - 2	153	15	3	0	87.3 ± 5.3	(92.6 - 82.0)
	2 - 3	135	9	1	0	81.4 ± 6.2	(87.7 - 75.2)
	3 - 4	125	14	8	0	72.0 ± 7.3	(79.3 - 64.8)
	4 - 5	103	11	6	0	64.1 ± 7.9	(72.0 - 56.2)
	5 -	86			86		
	TOTAL	162	54	22	86		

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	282	18	2	0	93.6 ± 2.9	(96.5 - 90.7)
	1 - 2	262	34	5	0	81.3 ± 4.7	(86.0 - 76.7)
	2 - 3	223	27	5	0	71.4 ± 5.4	(76.8 - 65.9)
	3 - 4	191	18	6	0	64.5 ± 5.8	(70.3 - 58.7)
	4 - 5	167	17	6	0	57.8 ± 6.0	(63.9 - 51.8)
	5 -	144			144		
	TOTAL	282	114	24	144		

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	53	5	0	0	90.6 ± 8.0	(98.6 - 82.5)
	1 - 2	48	9	0	0	73.6 ± 12.1	(85.7 - 61.5)
	2 - 3	39	5	1	0	64.0 ± 13.2	(77.2 - 50.8)
	3 - 4	33	4	0	0	56.3 ± 13.7	(70.0 - 42.6)
	4 - 5	29	4	1	0	48.4 ± 13.9	(62.2 - 34.5)
	5 -	24			24		
	TOTAL	53	27	2	24		

26-8 Cumulative survival rate for patients with [H0, P0, M0, N2] 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	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	3	1	1	0	60.0 ± 62.0	(122.0 - -2.0)
	2 - 3	1	0	0	0	60.0 ± 62.0	(122.0 - -2.0)
	3 - 4	1	0	0	0	60.0 ± 62.0	(122.0 - -2.0)
	4 - 5	1	0	0	0	60.0 ± 62.0	(122.0 - -2.0)
	5 -	1			1		
	TOTAL	3	1	1	1		
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	16	1	1	0	93.5 ± 12.5	(106.0 - 81.1)
	1 - 2	14	0	0	0	93.5 ± 12.5	(106.0 - 81.1)
	2 - 3	14	0	0	0	93.5 ± 12.5	(106.0 - 81.1)
	3 - 4	14	0	2	0	93.5 ± 12.5	(106.0 - 81.1)
	4 - 5	12	1	0	0	85.8 ± 18.8	(104.6 - 66.9)
	5 -	11			11		
	TOTAL	16	2	3	11		
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	66	1	1	0	98.5 ± 3.0	(101.5 - 95.4)
	1 - 2	64	7	1	0	87.6 ± 8.2	(95.8 - 79.4)
	2 - 3	56	4	3	0	81.2 ± 9.8	(91.0 - 71.4)
	3 - 4	49	6	3	0	70.9 ± 11.6	(82.5 - 59.3)
	4 - 5	40	6	2	0	60.0 ± 12.8	(72.8 - 47.2)
	5 -	32			32		
	TOTAL	66	24	10	32		
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	153	9	1	0	94.1 ± 3.8	(97.9 - 90.3)
	1 - 2	143	19	5	0	81.4 ± 6.4	(87.7 - 75.0)
	2 - 3	119	14	5	0	71.6 ± 7.4	(79.0 - 64.2)
	3 - 4	100	15	2	0	60.7 ± 8.2	(68.9 - 52.6)
	4 - 5	83	10	0	0	53.4 ± 8.4	(61.8 - 45.0)
	5 -	73			73		
	TOTAL	153	67	13	73		
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	67	9	1	0	86.5 ± 8.4	(94.9 - 78.1)
	1 - 2	57	10	0	0	71.3 ± 11.1	(82.4 - 60.2)
	2 - 3	47	9	0	0	57.6 ± 12.2	(69.8 - 45.5)
	3 - 4	38	7	0	0	47.0 ± 12.3	(59.3 - 34.7)
	4 - 5	31	5	1	0	39.3 ± 12.1	(51.4 - 27.3)
	5 -	25			25		
	TOTAL	67	40	2	25		

26-9 Cumulative survival rate for patients with [H0, P0, M0, N3] by
macroscopic depth of invasion

Rectum, Adenocarcinoma

M	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
TOTAL		0	0	0	0		
SM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
TOTAL		0	0	0	0		
PM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	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	1	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		
A1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	9	1	0	0	88.9 ± 21.0	(109.8 - 67.9)
	1 - 2	8	1	1	0	77.0 ± 28.6	(105.6 - 48.5)
	2 - 3	6	0	0	0	77.0 ± 28.6	(105.6 - 48.5)
	3 - 4	6	0	0	0	77.0 ± 28.6	(105.6 - 48.5)
	4 - 5	6	0	0	0	77.0 ± 28.6	(105.6 - 48.5)
	5 -	6			6		
TOTAL		9	2	1	6		
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	24	1	0	0	95.8 ± 8.2	(104.0 - 87.7)
	1 - 2	23	4	0	0	79.2 ± 16.6	(95.7 - 62.6)
	2 - 3	19	4	1	0	62.0 ± 20.0	(82.0 - 42.1)
	3 - 4	14	1	0	0	57.6 ± 20.4	(78.0 - 37.2)
	4 - 5	13	2	0	0	48.8 ± 20.8	(69.5 - 28.0)
	5 -	11			11		
TOTAL		24	12	1	11		
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	26	9	0	0	65.4 ± 18.7	(84.0 - 46.7)
	1 - 2	17	6	0	0	42.3 ± 19.4	(61.7 - 22.9)
	2 - 3	11	0	0	0	42.3 ± 19.4	(61.7 - 22.9)
	3 - 4	11	0	1	0	42.3 ± 19.4	(61.7 - 22.9)
	4 - 5	10	0	1	0	42.3 ± 19.4	(61.7 - 22.9)
	5 -	9			9		
TOTAL		26	15	2	9		

26-10 Cumulative survival rate for patients with [H0, P0, M0, N4] by
macroscopic depth of invasion

Rectum, Adenocarcinoma

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

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

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

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	7	2	0	0	71.4 ± 34.1	(105.6 - 37.3)
	1 - 2	5	2	1	0	39.7 ± 38.5	(78.1 - 1.2)
	2 - 3	2	0	1	0	39.7 ± 38.5	(78.1 - 1.2)
	3 - 4	1	0	0	0	39.7 ± 38.5	(78.1 - 1.2)
	4 - 5	1	0	0	0	39.7 ± 38.5	(78.1 - 1.2)
	5 -	1			1		
	TOTAL	7	4	2	1		

A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	14	6	0	0	57.1 ± 26.5	(83.6 - 30.7)
	1 - 2	8	4	0	0	28.6 ± 24.1	(52.7 - 4.4)
	2 - 3	4	1	0	0	21.4 ± 21.9	(43.4 - -0.5)
	3 - 4	3	0	0	0	21.4 ± 21.9	(43.4 - -0.5)
	4 - 5	3	2	0	0	7.1 ± 13.8	(20.9 - -6.6)
	5 -	1			1		
	TOTAL	14	13	0	1		

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	15	4	1	0	72.4 ± 23.5	(95.9 - 48.9)
	1 - 2	10	6	1	0	26.7 ± 24.3	(50.9 - 2.4)
	2 - 3	3	0	0	0	26.7 ± 24.3	(50.9 - 2.4)
	3 - 4	3	2	0	0	8.9 ± 16.6	(25.5 - -7.7)
	4 - 5	1	0	0	0	8.9 ± 16.6	(25.5 - -7.7)
	5 -	1			1		
	TOTAL	15	12	2	1		

26-11 Cumulative survival rate for patients with [H0, P0, M0, n0] 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	65	1	3	0	98.4 ± 3.1	(101.6 - 95.3)
1 - 2	61	3	4	0	93.4 ± 6.4	(99.8 - 87.1)
2 - 3	54	0	0	0	93.4 ± 6.4	(99.8 - 87.1)
3 - 4	54	2	2	0	89.9 ± 7.8	(97.7 - 82.1)
4 - 5	50	1	2	0	88.1 ± 8.5	(96.6 - 79.6)
5 -	47			47		
TOTAL	65	7	11	47		

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	86	1	5	0	98.8 ± 2.4	(101.2 - 96.4)
1 - 2	80	4	1	0	93.8 ± 5.3	(99.2 - 88.5)
2 - 3	75	1	0	0	92.6 ± 5.8	(98.4 - 86.7)
3 - 4	74	0	6	0	92.6 ± 5.8	(98.4 - 86.7)
4 - 5	68	1	4	0	91.2 ± 6.4	(97.6 - 84.8)
5 -	63			63		
TOTAL	86	7	16	63		

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	82	4	3	0	95.0 ± 4.8	(99.9 - 90.2)
1 - 2	75	0	2	0	95.0 ± 4.8	(99.9 - 90.2)
2 - 3	73	2	1	0	92.4 ± 6.0	(98.4 - 86.4)
3 - 4	70	3	5	0	88.3 ± 7.3	(95.6 - 81.0)
4 - 5	62	2	2	0	85.4 ± 8.2	(93.6 - 77.2)
5 -	58			58		
TOTAL	82	11	13	58		

SS

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	244	8	6	0	96.7 ± 2.3	(99.0 - 94.4)
1 - 2	230	7	5	0	93.7 ± 3.1	(96.9 - 90.6)
2 - 3	218	4	6	0	92.0 ± 3.5	(95.5 - 88.4)
3 - 4	208	7	12	0	88.8 ± 4.2	(92.9 - 84.6)
4 - 5	189	4	10	0	86.8 ± 4.5	(91.3 - 82.4)
5 -	175			175		
TOTAL	244	30	39	175		

S

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	402	13	13	0	96.7 ± 1.8	(98.5 - 94.9)
1 - 2	376	20	8	0	91.5 ± 2.8	(94.3 - 88.7)
2 - 3	348	16	7	0	87.3 ± 3.4	(90.7 - 83.9)
3 - 4	325	14	12	0	83.4 ± 3.8	(87.3 - 79.6)
4 - 5	299	16	15	0	78.9 ± 4.2	(83.1 - 74.6)
5 -	268			268		
TOTAL	402	79	55	268		

si

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	160	7	8	0	95.5 ± 3.3	(98.8 - 92.2)
1 - 2	145	8	4	0	90.2 ± 4.8	(95.0 - 85.3)
2 - 3	133	11	6	0	82.5 ± 6.2	(88.8 - 76.3)
3 - 4	116	5	11	0	78.8 ± 6.8	(85.6 - 72.0)
4 - 5	100	5	4	0	74.8 ± 7.3	(82.1 - 67.5)
5 -	91			91		
TOTAL	160	36	33	91		

26-12 Cumulative survival rate for patients with [H0, P0, M0, n1] by
histological depth of invasion

Colon, Adenocarcinoma

m

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

sm

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

pm

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	23	0	1	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	22	0	0	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	22	1	2	0	95.2 ± 9.3	(104.5 - 85.9)
3 - 4	19	1	0	0	90.2 ± 13.1	(103.4 - 77.1)
4 - 5	18	0	1	0	90.2 ± 13.1	(103.4 - 77.1)
5 -	17			17		
TOTAL	23	2	4	17		

SS

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	97	4	1	0	95.9 ± 4.1	(99.9 - 91.8)
1 - 2	92	5	3	0	90.6 ± 6.0	(96.6 - 84.6)
2 - 3	84	3	3	0	87.3 ± 6.9	(94.1 - 80.4)
3 - 4	78	5	5	0	81.5 ± 8.1	(89.6 - 73.4)
4 - 5	68	3	3	0	77.8 ± 8.8	(86.6 - 69.0)
5 -	62			62		
TOTAL	97	20	15	62		

S

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	193	15	5	0	92.1 ± 3.9	(96.0 - 88.2)
1 - 2	173	10	3	0	86.8 ± 4.9	(91.7 - 81.8)
2 - 3	160	18	5	0	76.8 ± 6.2	(83.0 - 70.6)
3 - 4	137	10	5	0	71.1 ± 6.7	(77.8 - 64.4)
4 - 5	122	7	7	0	66.9 ± 7.0	(74.0 - 59.9)
5 -	108			108		
TOTAL	193	60	25	108		

si

YEAR OF OBSERVAT	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	7	1	0	87.4 ± 8.9	(96.3 - 78.5)
1 - 2	48	6	2	0	76.2 ± 11.5	(87.8 - 64.7)
2 - 3	40	8	3	0	60.4 ± 13.5	(73.9 - 46.9)
3 - 4	29	6	0	0	47.9 ± 14.1	(61.9 - 33.8)
4 - 5	23	1	3	0	45.7 ± 14.1	(59.8 - 31.6)
5 -	19			19		
TOTAL	56	28	9	19		

26-13 Cumulative survival rate for patients with [H0, P0, M0, n2] by histological depth of invasion

Colon, Adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	1	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		
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	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	5	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	5	2	0	0	60.0 ± 43.8	(103.8 - 16.2)
	3 - 4	3	0	0	0	60.0 ± 43.8	(103.8 - 16.2)
	4 - 5	3	1	0	0	40.0 ± 43.8	(83.8 - -3.8)
	5 -	2			2		
	TOTAL	5	3	0	2		
SS	YEAR OF OBSERVAT	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	1	1	0	96.9 ± 6.1	(103.0 - 90.9)
	1 - 2	31	3	0	0	87.5 ± 11.7	(99.2 - 75.9)
	2 - 3	28	2	1	0	81.2 ± 13.9	(95.0 - 67.3)
	3 - 4	25	2	1	0	74.6 ± 15.6	(90.1 - 59.0)
	4 - 5	22	3	0	0	64.4 ± 17.3	(81.7 - 47.1)
	5 -	19			19		
	TOTAL	33	11	3	19		
S	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	93	8	0	0	91.4 ± 5.8	(97.2 - 85.6)
	1 - 2	85	11	1	0	79.5 ± 8.4	(87.9 - 71.1)
	2 - 3	73	6	1	0	72.9 ± 9.3	(82.2 - 63.7)
	3 - 4	66	12	4	0	59.2 ± 10.4	(69.6 - 48.9)
	4 - 5	50	6	2	0	52.0 ± 10.6	(62.6 - 41.3)
	5 -	42			42		
	TOTAL	93	43	8	42		
si	YEAR OF OBSERVAT	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	5	1	0	54.3 ± 20.5	(74.7 - 33.8)
	2 - 3	12	0	1	0	54.3 ± 20.5	(74.7 - 33.8)
	3 - 4	11	1	2	0	48.9 ± 21.1	(70.0 - 27.8)
	4 - 5	8	2	0	0	36.6 ± 21.8	(58.4 - 14.9)
	5 -	6			6		
	TOTAL	26	14	6	6		

26-14 Cumulative survival rate for patients with [H0, P0, M0, n3] by
histological depth of invasion

Colon, Adenocarcinoma

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

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

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

SS	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	6	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	6	2	1	0	63.6 ± 41.0	(104.7 - 22.6)
	2 - 3	3	0	0	0	63.6 ± 41.0	(104.7 - 22.6)
	3 - 4	3	0	1	0	63.6 ± 41.0	(104.7 - 22.6)
	4 - 5	2	0	0	0	63.6 ± 41.0	(104.7 - 22.6)
	5 -	2			2		
	TOTAL	6	2	2	2		

S	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	29	3	1	0	89.5 ± 11.5	(101.0 - 78.0)
	1 - 2	25	5	0	0	71.6 ± 17.0	(88.6 - 54.6)
	2 - 3	20	7	0	0	46.5 ± 18.9	(65.4 - 27.7)
	3 - 4	13	2	0	0	39.4 ± 18.5	(57.8 - 20.9)
	4 - 5	11	1	0	0	35.8 ± 18.1	(53.9 - 17.7)
	5 -	10			10		
	TOTAL	29	18	1	10		

Si	YEAR OF OBSERVAT	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	2	0	0	83.3 ± 21.5	(104.9 - 61.8)
	1 - 2	10	5	0	0	41.7 ± 28.5	(70.1 - 13.2)
	2 - 3	5	2	0	0	25.0 ± 25.0	(50.0 - 0.0)
	3 - 4	3	0	1	0	25.0 ± 25.0	(50.0 - 0.0)
	4 - 5	2	0	0	0	25.0 ± 25.0	(50.0 - 0.0)
	5 -	2			2		
	TOTAL	12	9	1	2		

26-15 Cumulative survival rate for patients with [H0, P0, M0, n4] by
histological depth of invasion

Colon, Adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	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	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	5	2	0	0	60.0 ± 43.8	(103.8 - 16.2)
	1 - 2	3	1	0	0	40.0 ± 43.8	(83.8 - -3.8)
	2 - 3	2	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		
S	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	9	2	1	0	76.5 ± 29.1	(105.6 - 47.4)
	1 - 2	6	3	0	0	38.2 ± 34.4	(72.7 - 3.8)
	2 - 3	3	1	0	0	25.5 ± 31.0	(56.5 - -5.5)
	3 - 4	2	1	0	0	12.7 ± 23.8	(36.5 --11.0)
	4 - 5	1	0	0	0	12.7 ± 23.8	(36.5 --11.0)
	5 -	1			1		
	TOTAL	9	7	1	1		
si	YEAR OF OBSERVAT	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	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	10	3	0	0	70.0 ± 29.0	(99.0 - 41.0)
	2 - 3	7	2	0	0	50.0 ± 31.6	(81.6 - 18.4)
	3 - 4	5	0	0	0	50.0 ± 31.6	(81.6 - 18.4)
	4 - 5	5	0	0	0	50.0 ± 31.6	(81.6 - 18.4)
	5 -	5			5		
	TOTAL	10	5	0	5		

26-16 Cumulative survival rate for patients with [H0, P0, M0, n0] 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	40	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	40	2	0	0	95.0 ± 6.9	(101.9 - 88.1)
	2 - 3	38	0	3	0	95.0 ± 6.9	(101.9 - 88.1)
	3 - 4	35	3	3	0	86.5 ± 11.3	(97.8 - 75.2)
	4 - 5	29	0	2	0	86.5 ± 11.3	(97.8 - 75.2)
	5 -	27			27		
	TOTAL	40	5	8	27		

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	108	6	1	0	94.4 ± 4.4	(98.8 - 90.0)
	1 - 2	101	3	2	0	91.6 ± 5.4	(97.0 - 86.2)
	2 - 3	96	1	2	0	90.6 ± 5.6	(96.3 - 85.0)
	3 - 4	93	1	5	0	89.6 ± 5.9	(95.6 - 83.7)
	4 - 5	87	2	3	0	87.5 ± 6.5	(94.0 - 81.0)
	5 -	82			82		
	TOTAL	108	13	13	82		

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	213	4	4	0	98.1 ± 1.9	(100.0 - 96.2)
	1 - 2	205	5	3	0	95.7 ± 2.8	(98.5 - 92.9)
	2 - 3	197	3	5	0	94.2 ± 3.2	(97.5 - 91.0)
	3 - 4	189	9	5	0	89.7 ± 4.3	(93.9 - 85.4)
	4 - 5	175	10	10	0	84.4 ± 5.2	(89.6 - 79.2)
	5 -	155			155		
	TOTAL	213	31	27	155		

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	256	10	1	0	96.1 ± 2.4	(98.5 - 93.7)
	1 - 2	245	7	2	0	93.3 ± 3.1	(96.5 - 90.2)
	2 - 3	236	5	8	0	91.3 ± 3.5	(94.9 - 87.8)
	3 - 4	223	18	10	0	83.8 ± 4.7	(88.5 - 79.1)
	4 - 5	195	7	6	0	80.7 ± 5.1	(85.8 - 75.7)
	5 -	182			182		
	TOTAL	256	47	27	182		

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	305	15	1	0	95.1 ± 2.5	(97.6 - 92.6)
	1 - 2	289	13	6	0	90.8 ± 3.3	(94.1 - 87.4)
	2 - 3	270	20	5	0	84.0 ± 4.2	(88.2 - 79.7)
	3 - 4	245	18	12	0	77.6 ± 4.9	(82.5 - 72.8)
	4 - 5	215	19	7	0	70.7 ± 5.4	(76.0 - 65.3)
	5 -	189			189		
	TOTAL	305	85	31	189		

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	12	1	0	88.5 ± 6.2	(94.8 - 82.3)
	1 - 2	92	11	2	0	77.8 ± 8.2	(86.0 - 69.7)
	2 - 3	79	6	3	0	71.8 ± 8.9	(80.7 - 62.9)
	3 - 4	70	6	1	0	65.6 ± 9.5	(75.0 - 56.1)
	4 - 5	63	4	3	0	61.3 ± 9.8	(71.1 - 51.6)
	5 -	56			56		
	TOTAL	105	39	10	56		

26-17 Cumulative survival rate for patients with [H0, P0, M0, n1] 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	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 FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	5	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	5	1	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		

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	27	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	27	2	0	0	92.6 ± 10.1	(102.7 - 82.5)
	2 - 3	25	0	1	0	92.6 ± 10.1	(102.7 - 82.5)
	3 - 4	24	2	0	0	84.9 ± 13.9	(98.8 - 70.9)
	4 - 5	22	1	0	0	81.0 ± 15.3	(96.3 - 65.7)
	5 -	21			21		
	TOTAL	27	5	1	21		

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	118	1	4	0	99.1 ± 1.7	(100.9 - 97.4)
	1 - 2	113	16	5	0	84.8 ± 6.8	(91.6 - 78.0)
	2 - 3	92	8	2	0	77.3 ± 8.0	(85.3 - 69.3)
	3 - 4	82	6	7	0	71.4 ± 8.7	(80.1 - 62.7)
	4 - 5	69	10	4	0	60.8 ± 9.7	(70.4 - 51.1)
	5 -	55			55		
	TOTAL	118	41	22	55		

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	163	9	0	0	94.5 ± 3.6	(98.1 - 90.9)
	1 - 2	154	21	4	0	81.4 ± 6.1	(87.5 - 75.3)
	2 - 3	129	18	4	0	69.9 ± 7.3	(77.2 - 62.6)
	3 - 4	107	20	2	0	56.7 ± 7.9	(64.6 - 48.8)
	4 - 5	85	11	1	0	49.3 ± 8.1	(57.4 - 41.3)
	5 -	73			73		
	TOTAL	163	79	11	73		

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	33	5	1	0	84.6 ± 12.7	(97.3 - 72.0)
	1 - 2	27	6	0	0	65.8 ± 16.7	(82.6 - 49.1)
	2 - 3	21	4	0	0	53.3 ± 17.6	(70.9 - 35.6)
	3 - 4	17	1	0	0	50.1 ± 17.7	(67.8 - 32.5)
	4 - 5	16	3	2	0	40.1 ± 17.5	(57.6 - 22.6)
	5 -	11			11		
	TOTAL	33	19	3	11		

26-18 Cumulative survival rate for patients with [H0, P0, M0, n2] by histological depth of invasion

Rectum, Adenocarcinoma

m

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

sm

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

pm

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	21	1	0	0	95.2 ± 9.3	(104.5 - 85.9)
1 - 2	20	2	0	0	85.7 ± 15.3	(101.0 - 70.4)
2 - 3	18	2	1	0	75.9 ± 18.8	(94.7 - 57.1)
3 - 4	15	1	2	0	70.5 ± 20.3	(90.8 - 50.2)
4 - 5	12	0	1	0	70.5 ± 20.3	(90.8 - 50.2)
5 -	11			11		
TOTAL	21	6	4	11		

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	53	1	1	0	98.1 ± 3.8	(101.9 - 94.3)
1 - 2	51	6	2	0	86.3 ± 9.6	(95.9 - 76.7)
2 - 3	43	6	3	0	73.8 ± 12.5	(86.3 - 61.3)
3 - 4	34	5	1	0	62.8 ± 14.0	(76.8 - 48.8)
4 - 5	28	7	2	0	46.5 ± 14.8	(61.4 - 31.7)
5 -	19			19		
TOTAL	53	25	9	19		

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	108	8	3	0	92.5 ± 5.1	(97.6 - 87.4)
1 - 2	97	20	3	0	73.1 ± 8.7	(81.8 - 64.4)
2 - 3	74	10	4	0	63.0 ± 9.6	(72.5 - 53.4)
3 - 4	60	7	0	0	55.6 ± 9.9	(65.6 - 45.7)
4 - 5	53	7	0	0	48.3 ± 10.1	(58.3 - 38.2)
5 -	46			46		
TOTAL	108	52	10	46		

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	39	7	1	0	81.8 ± 12.4	(94.3 - 69.4)
1 - 2	31	9	1	0	57.7 ± 16.1	(73.8 - 41.6)
2 - 3	21	5	0	0	43.9 ± 16.3	(60.2 - 27.6)
3 - 4	16	5	0	0	30.2 ± 15.1	(45.4 - 15.1)
4 - 5	11	4	0	0	19.2 ± 13.0	(32.2 - 6.2)
5 -	7			7		
TOTAL	39	30	2	7		

26-19 Cumulative survival rate for patients with [H0, P0, M0, n3] 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	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 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		

a1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	6	2	0	0	66.7 ± 38.5	(105.2 - 28.2)
1 - 2	4	0	1	0	66.7 ± 38.5	(105.2 - 28.2)
2 - 3	3	0	1	0	66.7 ± 38.5	(105.2 - 28.2)
3 - 4	2	0	0	0	66.7 ± 38.5	(105.2 - 28.2)
4 - 5	2	1	0	0	33.3 ± 50.9	(84.3 --17.6)
5 -	1			1		
TOTAL	6	3	2	1		

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	4	0	0	82.6 ± 15.8	(98.4 - 66.8)
1 - 2	19	6	0	0	56.5 ± 20.7	(77.2 - 35.8)
2 - 3	13	4	1	0	38.4 ± 20.5	(58.9 - 17.9)
3 - 4	8	1	0	0	33.6 ± 20.1	(53.7 - 13.6)
4 - 5	7	2	0	0	24.0 ± 18.4	(42.4 - 5.7)
5 -	5			5		
TOTAL	23	17	1	5		

ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	9	1	0	0	88.9 ± 21.0	(109.8 - 67.9)
1 - 2	8	5	0	0	33.3 ± 31.4	(64.8 - 1.9)
2 - 3	3	1	0	0	22.2 ± 27.7	(49.9 - -5.5)
3 - 4	2	1	0	0	11.1 ± 21.0	(32.1 - -9.8)
4 - 5	1	0	0	0	11.1 ± 21.0	(32.1 - -9.8)
5 -	1			1		
TOTAL	9	8	0	1		

26-20 Cumulative survival rate for patients with [H0, P0, M0,n4] by histological depth of invasion

Rectum, Adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	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		
a1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	1 - 2	3	2	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		
a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	14	5	0	0	64.3 ± 25.6	(89.9 - 38.7)
	1 - 2	9	5	0	0	28.6 ± 24.1	(52.7 - 4.4)
	2 - 3	4	1	0	0	21.4 ± 21.9	(43.4 - -0.5)
	3 - 4	3	0	0	0	21.4 ± 21.9	(43.4 - -0.5)
	4 - 5	3	2	0	0	7.1 ± 13.8	(20.9 - -6.6)
	5 -	1			1		
	TOTAL	14	13	0	1		
ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	10	4	0	0	60.0 ± 31.0	(91.0 - 29.0)
	1 - 2	6	6	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	10	10	0	0		

27-1 Cumulative survival rate by clinical stage classification of JRSCCR

Colon, Adenocarcinoma

I	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	222	5	11	0	97.7 ± 2.0	(99.7 - 95.6)
	1 - 2	206	7	7	0	94.3 ± 3.2	(97.5 - 91.1)
	2 - 3	192	4	1	0	92.3 ± 3.7	(96.0 - 88.7)
	3 - 4	187	6	9	0	89.3 ± 4.3	(93.6 - 85.0)
	4 - 5	172	6	7	0	86.1 ± 4.9	(91.0 - 81.2)
	5 -	159			159		
	TOTAL	222	28	35	159		

II	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	326	15	8	0	95.3 ± 2.3	(97.7 - 93.0)
	1 - 2	303	20	8	0	89.0 ± 3.5	(92.5 - 85.4)
	2 - 3	275	14	10	0	84.4 ± 4.1	(88.5 - 80.2)
	3 - 4	251	11	19	0	80.5 ± 4.5	(85.0 - 76.0)
	4 - 5	221	12	14	0	76.0 ± 5.0	(81.0 - 71.0)
	5 -	195			195		
	TOTAL	326	72	59	195		

III	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	712	35	23	0	95.0 ± 1.6	(96.6 - 93.4)
	1 - 2	654	35	16	0	89.9 ± 2.3	(92.2 - 87.6)
	2 - 3	603	46	21	0	82.9 ± 2.9	(85.8 - 80.0)
	3 - 4	536	34	25	0	77.5 ± 3.2	(80.7 - 74.3)
	4 - 5	477	22	25	0	73.8 ± 3.4	(77.3 - 70.4)
	5 -	430			430		
	TOTAL	712	172	110	430		

IV	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	420	31	13	0	92.5 ± 2.6	(95.1 - 89.9)
	1 - 2	376	32	5	0	84.6 ± 3.6	(88.2 - 81.0)
	2 - 3	339	22	6	0	79.0 ± 4.0	(83.1 - 75.0)
	3 - 4	311	20	17	0	73.8 ± 4.4	(78.2 - 69.4)
	4 - 5	274	14	10	0	70.0 ± 4.6	(74.6 - 65.3)
	5 -	250			250		
	TOTAL	420	119	51	250		

V	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	425	194	15	0	53.5 ± 4.9	(58.4 - 48.7)
	1 - 2	216	97	4	0	29.3 ± 4.5	(33.8 - 24.8)
	2 - 3	115	36	2	0	20.0 ± 4.0	(24.0 - 16.0)
	3 - 4	77	10	3	0	17.4 ± 3.8	(21.2 - 13.6)
	4 - 5	64	5	3	0	16.0 ± 3.7	(19.7 - 12.3)
	5 -	56			56		
	TOTAL	425	342	27	56		

27-2 Cumulative survival rate by clinical stage classification of JRSCCR

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	352	8	7	0	97.7 ± 1.6	(99.3 - 96.1)
	1 - 2	337	11	3	0	94.5 ± 2.5	(97.0 - 92.0)
	2 - 3	323	8	12	0	92.1 ± 2.9	(95.0 - 89.2)
	3 - 4	303	13	15	0	88.1 ± 3.5	(91.6 - 84.5)
	4 - 5	275	11	13	0	84.5 ± 4.0	(88.5 - 80.4)
	5 -	251			251		
	TOTAL	352	51	50	251		
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	372	14	1	0	96.2 ± 2.0	(98.2 - 94.3)
	1 - 2	357	14	7	0	92.4 ± 2.8	(95.2 - 89.7)
	2 - 3	336	13	13	0	88.8 ± 3.3	(92.1 - 85.5)
	3 - 4	310	28	11	0	80.6 ± 4.2	(84.8 - 76.4)
	4 - 5	271	21	11	0	74.2 ± 4.7	(78.9 - 69.5)
	5 -	239			239		
	TOTAL	372	90	43	239		
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	594	37	7	0	93.7 ± 2.0	(95.7 - 91.7)
	1 - 2	550	67	10	0	82.2 ± 3.2	(85.4 - 79.0)
	2 - 3	473	44	10	0	74.5 ± 3.6	(78.1 - 70.9)
	3 - 4	419	41	17	0	67.0 ± 3.9	(71.0 - 63.1)
	4 - 5	361	34	17	0	60.6 ± 4.1	(64.7 - 56.4)
	5 -	310			310		
	TOTAL	594	223	61	310		
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	364	31	4	0	91.4 ± 2.9	(94.4 - 88.5)
	1 - 2	329	47	8	0	78.2 ± 4.4	(82.6 - 73.8)
	2 - 3	274	31	10	0	69.2 ± 4.9	(74.1 - 64.3)
	3 - 4	233	29	8	0	60.4 ± 5.3	(65.7 - 55.2)
	4 - 5	196	24	4	0	53.0 ± 5.4	(58.4 - 47.5)
	5 -	168			168		
	TOTAL	364	162	34	168		
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	289	122	9	0	57.1 ± 5.9	(63.0 - 51.2)
	1 - 2	158	76	5	0	29.2 ± 5.5	(34.7 - 23.7)
	2 - 3	77	25	1	0	19.7 ± 4.8	(24.5 - 14.8)
	3 - 4	51	15	3	0	13.7 ± 4.2	(17.9 - 9.5)
	4 - 5	33	10	0	0	9.5 ± 3.7	(13.2 - 5.9)
	5 -	23			23		
	TOTAL	289	248	18	23		

27-3 Cumulative survival rate by histological stage classification of JRSCCR

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	303	7	12	0	97.6 ± 1.8	(99.4 - 95.9)
	1 - 2	284	6	8	0	95.6 ± 2.4	(98.0 - 93.1)
	2 - 3	270	3	2	0	94.5 ± 2.7	(97.2 - 91.8)
	3 - 4	265	5	11	0	92.7 ± 3.1	(95.7 - 89.6)
	4 - 5	249	5	11	0	90.8 ± 3.5	(94.2 - 87.3)
	5 -	233			233		
	TOTAL	303	26	44	233		
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	687	22	22	0	96.7 ± 1.4	(98.1 - 95.4)
	1 - 2	643	32	15	0	91.9 ± 2.1	(94.0 - 89.8)
	2 - 3	596	25	17	0	88.0 ± 2.5	(90.5 - 85.4)
	3 - 4	554	26	35	0	83.7 ± 2.9	(86.6 - 80.8)
	4 - 5	493	22	27	0	79.9 ± 3.2	(83.1 - 76.7)
	5 -	444			444		
	TOTAL	687	127	116	444		
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	460	31	14	0	93.2 ± 2.4	(95.5 - 90.8)
	1 - 2	415	25	9	0	87.5 ± 3.1	(90.6 - 84.4)
	2 - 3	381	36	15	0	79.1 ± 3.9	(82.9 - 75.2)
	3 - 4	330	22	16	0	73.7 ± 4.3	(77.9 - 69.4)
	4 - 5	292	14	17	0	70.0 ± 4.5	(74.5 - 65.5)
	5 -	261			261		
	TOTAL	460	128	71	261		
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	209	20	4	0	90.3 ± 4.1	(94.4 - 86.2)
	1 - 2	185	32	3	0	74.6 ± 6.1	(80.7 - 68.5)
	2 - 3	150	19	5	0	65.0 ± 6.7	(71.7 - 58.3)
	3 - 4	126	17	9	0	55.9 ± 7.1	(63.0 - 48.8)
	4 - 5	100	14	2	0	48.0 ± 7.2	(55.2 - 40.8)
	5 -	84			84		
	TOTAL	209	102	23	84		
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	358	147	11	0	58.3 ± 5.3	(63.6 - 53.0)
	1 - 2	200	87	3	0	32.7 ± 5.1	(37.8 - 27.7)
	2 - 3	110	39	2	0	21.0 ± 4.4	(25.5 - 16.6)
	3 - 4	69	8	3	0	18.5 ± 4.2	(22.8 - 14.3)
	4 - 5	58	4	2	0	17.2 ± 4.1	(21.4 - 13.1)
	5 -	52			52		
	TOTAL	358	285	21	52		

27-4 Cumulative survival rate by histological stage classification of
JRSCCR

Rectum, Adenocarcinoma

I	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	363	10	5	0	97.2 ± 1.7	(99.0 - 95.5)
	1 - 2	348	10	5	0	94.4 ± 2.4	(96.8 - 92.0)
	2 - 3	333	4	10	0	93.3 ± 2.7	(95.9 - 90.6)
	3 - 4	319	13	14	0	89.4 ± 3.3	(92.7 - 86.1)
	4 - 5	292	12	16	0	85.6 ± 3.8	(89.4 - 81.8)
	5 -	264			264		
	TOTAL	363	49	50	264		

II	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	562	25	2	0	95.5 ± 1.7	(97.3 - 93.8)
	1 - 2	535	20	8	0	91.9 ± 2.3	(94.2 - 89.6)
	2 - 3	507	25	13	0	87.4 ± 2.8	(90.2 - 84.5)
	3 - 4	469	36	22	0	80.5 ± 3.4	(83.9 - 77.1)
	4 - 5	411	26	14	0	75.3 ± 3.7	(79.1 - 71.6)
	5 -	371			371		
	TOTAL	562	132	59	371		

III	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	461	30	7	0	93.4 ± 2.3	(95.8 - 91.1)
	1 - 2	424	58	11	0	80.5 ± 3.7	(84.2 - 76.8)
	2 - 3	355	36	10	0	72.2 ± 4.2	(76.5 - 68.0)
	3 - 4	309	36	10	0	63.7 ± 4.6	(68.3 - 59.1)
	4 - 5	263	29	10	0	56.5 ± 4.8	(61.3 - 51.7)
	5 -	224			224		
	TOTAL	461	189	48	224		

IV	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	264	24	5	0	90.8 ± 3.6	(94.4 - 87.3)
	1 - 2	235	49	7	0	71.6 ± 5.6	(77.2 - 66.0)
	2 - 3	179	28	11	0	60.0 ± 6.2	(66.2 - 53.9)
	3 - 4	140	20	4	0	51.3 ± 6.4	(57.7 - 44.9)
	4 - 5	116	21	3	0	41.9 ± 6.4	(48.3 - 35.5)
	5 -	92			92		
	TOTAL	264	142	30	92		

V	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	266	107	6	0	59.3 ± 6.1	(65.4 - 53.3)
	1 - 2	153	78	3	0	28.8 ± 5.6	(34.4 - 23.1)
	2 - 3	72	26	0	0	18.4 ± 4.9	(23.2 - 13.5)
	3 - 4	46	13	3	0	13.0 ± 4.3	(17.3 - 8.8)
	4 - 5	30	9	0	0	9.1 ± 3.7	(12.8 - 5.4)
	5 -	21			21		
	TOTAL	266	233	12	21		

28-1 Cumulative survival rate for patients following 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	299	7	12	0	97.6 ± 1.8	(99.4 - 95.8)
	1 - 2	280	6	8	0	95.5 ± 2.4	(97.9 - 93.0)
	2 - 3	266	3	2	0	94.4 ± 2.7	(97.1 - 91.7)
	3 - 4	261	5	11	0	92.6 ± 3.1	(95.7 - 89.4)
	4 - 5	245	5	10	0	90.6 ± 3.5	(94.1 - 87.1)
	5 -	230			230		
	TOTAL	299	26	43	230		
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	735	24	27	0	96.7 ± 1.3	(98.0 - 95.3)
	1 - 2	684	33	15	0	92.0 ± 2.0	(94.0 - 89.9)
	2 - 3	636	29	19	0	87.7 ± 2.5	(90.2 - 85.2)
	3 - 4	588	26	40	0	83.7 ± 2.8	(86.5 - 80.9)
	4 - 5	522	25	27	0	79.6 ± 3.1	(82.7 - 76.4)
	5 -	470			470		
	TOTAL	735	137	128	470		
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	542	29	10	0	94.6 ± 2.0	(96.6 - 92.6)
	1 - 2	503	41	8	0	86.8 ± 2.9	(89.8 - 83.9)
	2 - 3	454	47	17	0	77.7 ± 3.6	(81.3 - 74.0)
	3 - 4	390	35	20	0	70.5 ± 4.0	(74.5 - 66.5)
	4 - 5	335	22	16	0	65.8 ± 4.2	(70.0 - 61.5)
	5 -	297			297		
	TOTAL	542	174	71	297		

28-2 Cumulative survival rate for patients following 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	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	4	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	4	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	4 - 5	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	5 -	3			3		
	TOTAL	4	1	0	3		
Dukes B	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	95	25	3	0	73.3 ± 9.2	(82.4 - 64.1)
	1 - 2	67	24	0	0	47.0 ± 10.4	(57.4 - 36.6)
	2 - 3	43	13	0	0	32.8 ± 9.8	(42.6 - 23.0)
	3 - 4	30	2	1	0	30.6 ± 9.6	(40.2 - 21.0)
	4 - 5	27	1	2	0	29.4 ± 9.5	(38.9 - 19.9)
	5 -	24			24		
	TOTAL	95	65	6	24		
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	315	144	12	0	53.4 ± 5.7	(59.1 - 47.7)
	1 - 2	159	77	6	0	27.0 ± 5.2	(32.2 - 21.9)
	2 - 3	76	33	1	0	15.2 ± 4.2	(19.5 - 11.0)
	3 - 4	42	8	0	0	12.3 ± 3.9	(16.2 - 8.4)
	4 - 5	34	6	2	0	10.1 ± 3.6	(13.7 - 6.5)
	5 -	26			26		
	TOTAL	315	268	21	26		

28-3 Cumulative survival rate for patients following 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	443	11	4	0	97.5 ± 1.5	(99.0 - 96.0)
	1 - 2	428	12	7	0	94.7 ± 2.1	(96.9 - 92.6)
	2 - 3	409	9	12	0	92.6 ± 2.5	(95.1 - 90.1)
	3 - 4	388	19	16	0	88.0 ± 3.2	(91.2 - 84.8)
	4 - 5	353	12	16	0	84.9 ± 3.5	(88.4 - 81.4)
	5 -	325			325		
	TOTAL	443	63	55	325		
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	551	31	5	0	94.3 ± 2.0	(96.3 - 92.4)
	1 - 2	515	23	8	0	90.1 ± 2.6	(92.7 - 87.5)
	2 - 3	484	24	11	0	85.6 ± 3.0	(88.6 - 82.6)
	3 - 4	449	27	21	0	80.3 ± 3.5	(83.8 - 76.9)
	4 - 5	401	28	16	0	74.6 ± 3.8	(78.4 - 70.8)
	5 -	357			357		
	TOTAL	551	133	61	357		
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	534	29	6	0	94.5 ± 2.0	(96.5 - 92.6)
	1 - 2	499	81	15	0	79.0 ± 3.6	(82.5 - 75.4)
	2 - 3	403	44	15	0	70.2 ± 4.0	(74.2 - 66.1)
	3 - 4	344	41	10	0	61.7 ± 4.3	(66.0 - 57.4)
	4 - 5	293	41	10	0	52.9 ± 4.5	(57.4 - 48.4)
	5 -	242			242		
	TOTAL	534	236	56	242		

28-4 Cumulative survival rate for patients following non-curative resection by Dukes classification

Rectum, Adenocarcinoma

Dukes A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	6	1	0	0	83.3 ± 30.4	(113.8 - 52.9)
	1 - 2	5	0	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	1	0	0	66.7 ± 38.5	(105.2 - 28.2)
	4 - 5	4	0	0	0	66.7 ± 38.5	(105.2 - 28.2)
	5 -	4			4		
	TOTAL	6	2	0	4		
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	74	20	1	0	72.8 ± 10.4	(83.2 - 62.4)
	1 - 2	53	19	0	0	46.7 ± 11.7	(58.4 - 35.0)
	2 - 3	34	9	1	0	34.2 ± 11.1	(45.3 - 23.0)
	3 - 4	24	8	1	0	22.5 ± 9.9	(32.5 - 12.6)
	4 - 5	15	4	2	0	16.1 ± 8.9	(25.0 - 7.2)
	5 -	9			9		
	TOTAL	74	60	5	9		
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	279	94	9	0	65.8 ± 5.7	(71.5 - 60.0)
	1 - 2	176	79	4	0	35.9 ± 5.9	(41.8 - 30.0)
	2 - 3	93	33	3	0	23.0 ± 5.2	(28.2 - 17.8)
	3 - 4	57	18	4	0	15.4 ± 4.5	(20.0 - 10.9)
	4 - 5	35	12	0	0	10.1 ± 3.9	(14.0 - 6.3)
	5 -	23			23		
	TOTAL	279	236	20	23		

29-1 Cumulative survival rate for patients following curative resection by Astler-Coller classification

Colon, Adenocarcinoma

A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	159	3	8	0	98.1 ± 2.2	(100.3 - 95.9)
	1 - 2	148	4	5	0	95.4 ± 3.4	(98.8 - 91.9)
	2 - 3	139	1	0	0	94.7 ± 3.7	(98.3 - 91.0)
	3 - 4	138	2	9	0	93.3 ± 4.1	(97.4 - 89.1)
	4 - 5	127	2	7	0	91.8 ± 4.6	(96.3 - 87.2)
	5 -	118			118		
	TOTAL	159	12	29	118		
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	140	4	4	0	97.1 ± 2.9	(100.0 - 94.2)
	1 - 2	132	2	3	0	95.6 ± 3.5	(99.1 - 92.1)
	2 - 3	127	2	2	0	94.1 ± 4.1	(98.1 - 90.0)
	3 - 4	123	3	2	0	91.8 ± 4.8	(96.5 - 87.0)
	4 - 5	118	3	3	0	89.4 ± 5.4	(94.8 - 84.1)
	5 -	112			112		
	TOTAL	140	14	14	112		
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	735	24	27	0	96.7 ± 1.3	(98.0 - 95.3)
	1 - 2	684	33	15	0	92.0 ± 2.0	(94.0 - 89.9)
	2 - 3	636	29	19	0	87.7 ± 2.5	(90.2 - 85.2)
	3 - 4	588	26	40	0	83.7 ± 2.8	(86.5 - 80.9)
	4 - 5	522	25	27	0	79.6 ± 3.1	(82.7 - 76.4)
	5 -	470			470		
	TOTAL	735	137	128	470		
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	42	1	1	0	97.6 ± 4.8	(102.4 - 92.8)
	1 - 2	40	1	0	0	95.2 ± 6.7	(101.8 - 88.5)
	2 - 3	39	1	2	0	92.6 ± 8.2	(100.8 - 84.5)
	3 - 4	36	1	1	0	90.0 ± 9.5	(99.5 - 80.6)
	4 - 5	34	0	1	0	90.0 ± 9.5	(99.5 - 80.6)
	5 -	33			33		
	TOTAL	42	4	5	33		
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	500	28	9	0	94.3 ± 2.1	(96.4 - 92.3)
	1 - 2	463	40	8	0	86.1 ± 3.1	(89.3 - 83.0)
	2 - 3	415	46	15	0	76.4 ± 3.9	(80.3 - 72.5)
	3 - 4	354	34	19	0	68.9 ± 4.3	(73.1 - 64.6)
	4 - 5	301	22	15	0	63.7 ± 4.5	(68.2 - 59.2)
	5 -	264			264		
	TOTAL	500	170	66	264		

29-2 Cumulative survival rate for patients following 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	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		
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	4	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	4	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	4	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	4 - 5	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	5 -	3			3		
	TOTAL	4	1	0	3		
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	95	25	3	0	73.3 ± 9.2	(82.4 - 64.1)
	1 - 2	67	24	0	0	47.0 ± 10.4	(57.4 - 36.6)
	2 - 3	43	13	0	0	32.8 ± 9.8	(42.6 - 23.0)
	3 - 4	30	2	1	0	30.6 ± 9.6	(40.2 - 21.0)
	4 - 5	27	1	2	0	29.4 ± 9.5	(38.9 - 19.9)
	5 -	24			24		
	TOTAL	95	65	6	24		
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	5	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	2 - 3	3	1	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	5	3	1	1		
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	310	144	11	0	52.7 ± 5.7	(58.4 - 47.0)
	1 - 2	155	76	6	0	26.4 ± 5.1	(31.5 - 21.2)
	2 - 3	73	32	1	0	14.7 ± 4.2	(18.9 - 10.5)
	3 - 4	40	7	0	0	12.1 ± 3.9	(16.0 - 8.2)
	4 - 5	33	6	2	0	9.9 ± 3.6	(13.5 - 6.3)
	5 -	25			25		
	TOTAL	310	265	20	25		

29-3 Cumulative survival rate for patients following 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	174	6	3	0	96.5 ± 2.8	(99.3 - 93.7)
	1 - 2	165	6	2	0	93.0 ± 3.9	(96.9 - 89.1)
	2 - 3	157	1	5	0	92.4 ± 4.1	(96.4 - 88.3)
	3 - 4	151	2	11	0	91.1 ± 4.4	(95.5 - 86.7)
	4 - 5	138	2	7	0	89.8 ± 4.7	(94.5 - 85.0)
	5 -	129			129		
	TOTAL	174	17	28	129		
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	269	5	1	0	98.1 ± 1.7	(99.8 - 96.5)
	1 - 2	263	6	5	0	95.9 ± 2.4	(98.3 - 93.4)
	2 - 3	252	8	7	0	92.8 ± 3.2	(96.0 - 89.6)
	3 - 4	237	17	5	0	86.1 ± 4.3	(90.4 - 81.7)
	4 - 5	215	10	9	0	82.0 ± 4.8	(86.8 - 77.2)
	5 -	196			196		
	TOTAL	269	46	27	196		
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	551	31	5	0	94.3 ± 2.0	(96.3 - 92.4)
	1 - 2	515	23	8	0	90.1 ± 2.6	(92.7 - 87.5)
	2 - 3	484	24	11	0	85.6 ± 3.0	(88.6 - 82.6)
	3 - 4	449	27	21	0	80.3 ± 3.5	(83.8 - 76.9)
	4 - 5	401	28	16	0	74.6 ± 3.8	(78.4 - 70.8)
	5 -	357			357		
	TOTAL	551	133	61	357		
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	89	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	89	7	2	0	92.0 ± 5.8	(97.8 - 86.3)
	2 - 3	80	5	3	0	86.2 ± 7.4	(93.6 - 78.8)
	3 - 4	72	3	0	0	82.6 ± 8.2	(90.8 - 74.4)
	4 - 5	69	5	1	0	76.6 ± 9.2	(85.8 - 67.4)
	5 -	63			63		
	TOTAL	89	20	6	63		
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	445	29	6	0	93.4 ± 2.4	(95.8 - 91.1)
	1 - 2	410	74	13	0	76.3 ± 4.1	(80.4 - 72.2)
	2 - 3	323	39	12	0	66.9 ± 4.6	(71.5 - 62.4)
	3 - 4	272	38	10	0	57.4 ± 4.8	(62.2 - 52.5)
	4 - 5	224	36	9	0	48.0 ± 5.0	(52.9 - 43.0)
	5 -	179			179		
	TOTAL	445	216	50	179		

29-4 Cumulative survival rate for patients following non-curative resection
by Astler-Coller classification

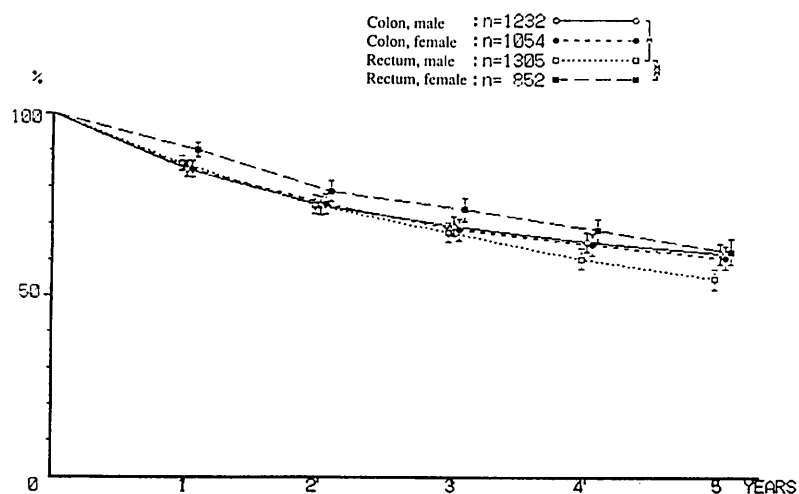
Rectum, Adenocarcinoma

A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	1			1		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1	0	0	1		
B1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	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	1	0	0	60.0 ± 43.8	(103.8 - 16.2)
	4 - 5	3	0	0	0	60.0 ± 43.8	(103.8 - 16.2)
	5 -	3			3		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	5	2	0	3		
B2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	74	20	1	0	72.8 ± 10.4	(83.2 - 62.4)
	1 - 2	53	19	0	0	46.7 ± 11.7	(58.4 - 35.0)
	2 - 3	34	9	1	0	34.2 ± 11.1	(45.3 - 23.0)
	3 - 4	24	8	1	0	22.5 ± 9.9	(32.5 - 12.6)
	4 - 5	15	4	2	0	16.1 ± 8.9	(25.0 - 7.2)
	5 -	9			9		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	74	60	5	9		
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	12	4	0	0	66.7 ± 27.2	(93.9 - 39.5)
	1 - 2	8	2	0	0	50.0 ± 28.9	(78.9 - 21.1)
	2 - 3	6	1	0	0	41.7 ± 28.5	(70.1 - 13.2)
	3 - 4	5	1	1	0	32.4 ± 27.5	(59.9 - 4.9)
	4 - 5	3	0	0	0	32.4 ± 27.5	(59.9 - 4.9)
	5 -	3			3		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	12	8	1	3		
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	267	90	9	0	65.7 ± 5.9	(71.6 - 59.9)
	1 - 2	168	77	4	0	35.2 ± 6.0	(41.2 - 29.3)
	2 - 3	87	32	3	0	22.0 ± 5.3	(27.3 - 16.8)
	3 - 4	52	17	3	0	14.6 ± 4.6	(19.2 - 10.1)
	4 - 5	32	12	0	0	9.1 ± 3.8	(12.9 - 5.3)
	5 -	20			20		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	267	228	19	20		

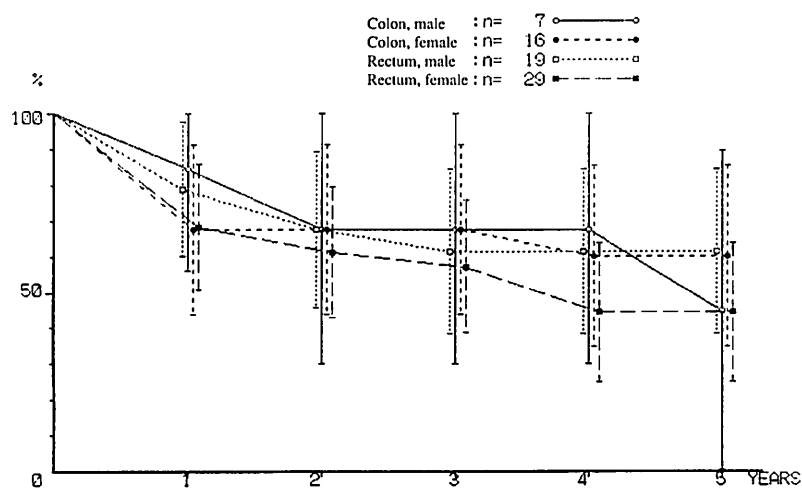
Appendix

Figures of life tables

16-1. Sex.
Adenocarcinoma.

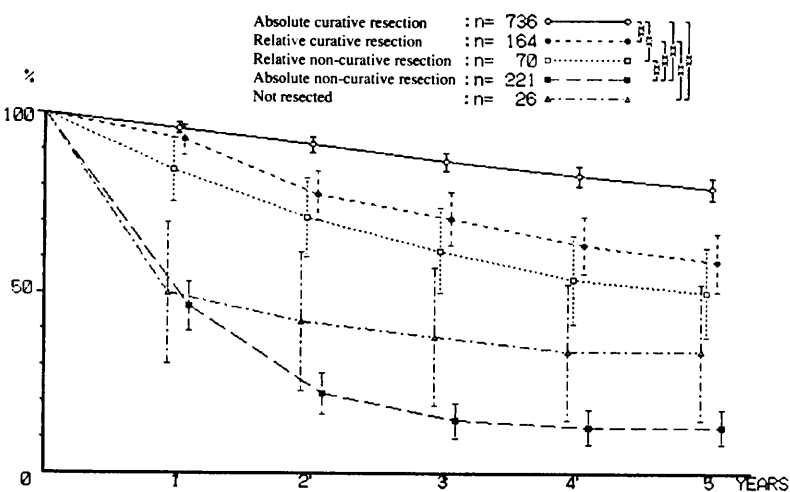


16-2. Sex.
Malignant neoplasms
other than
adenocarcinoma.

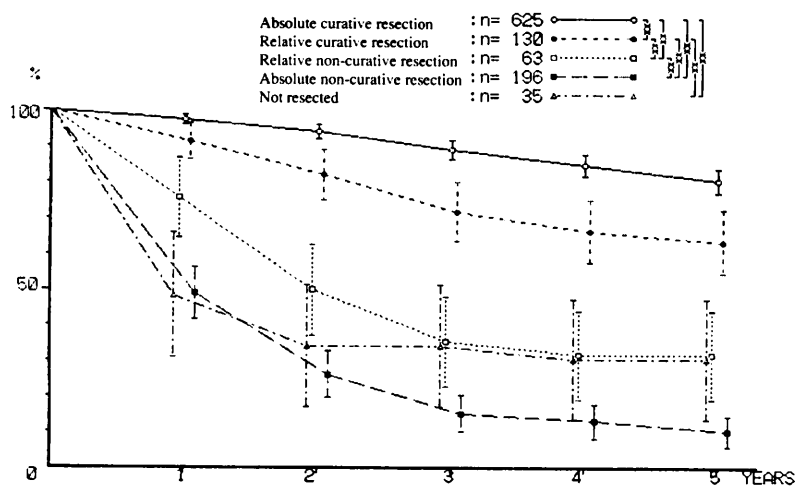


SURVIVAL RATE
P=0.01 * P=0.05

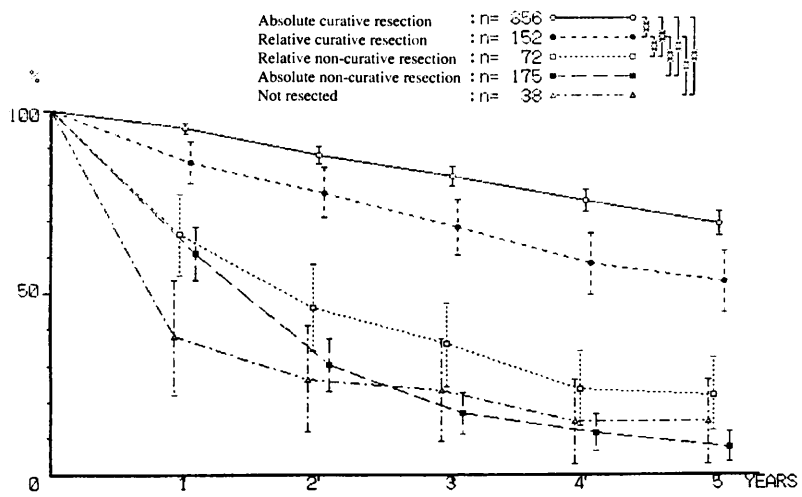
17-1 Macroscopic operative curability.
Colon, Male.



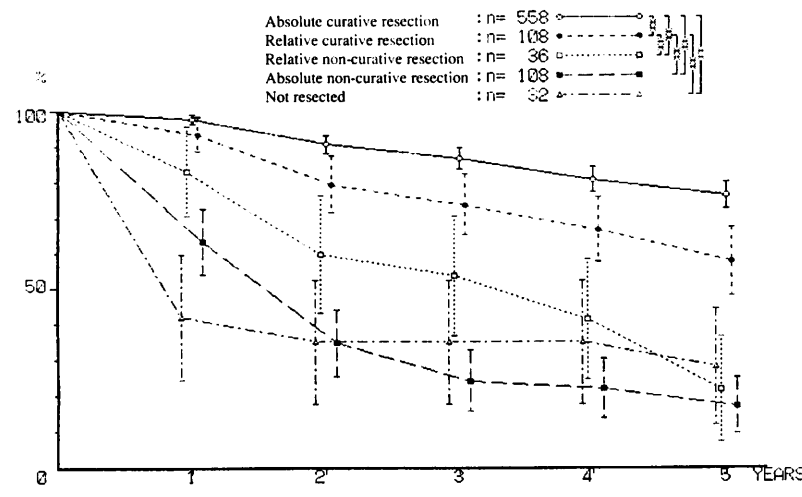
17-2 Macroscopic operative curability.
Colon, Female.



17-3 Macroscopic operative curability.
Rectum, Male.

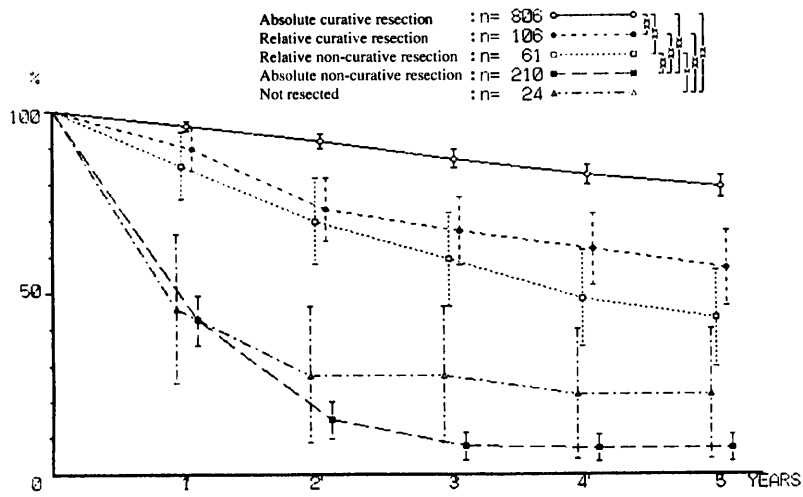


17-4 Macroscopic operative curability.
Rectum, Female.

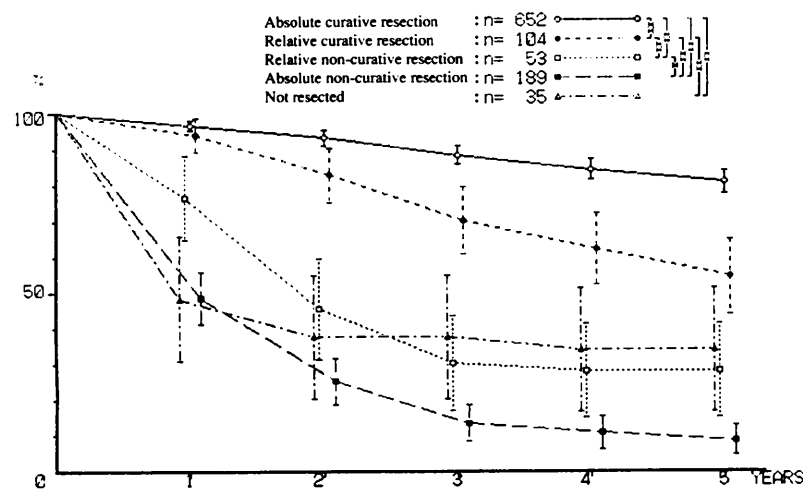


SURVIVAL RATE
 ± P=0.01 * P=0.05

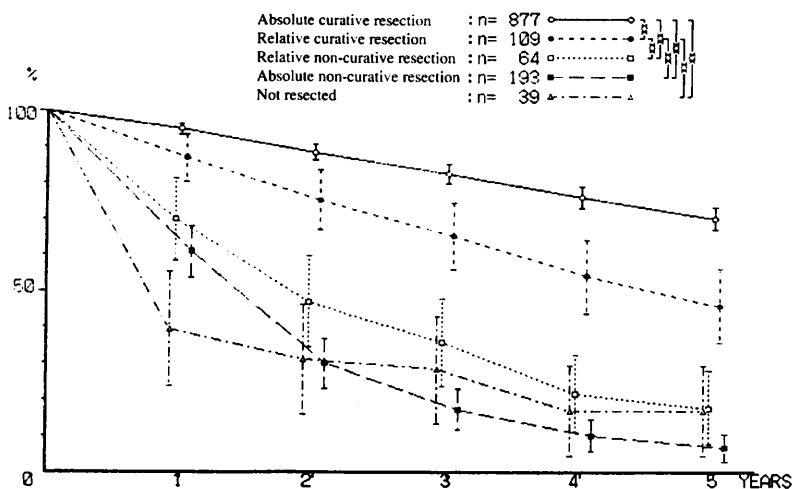
17-5 Histological operative curability.
Colon, Male.



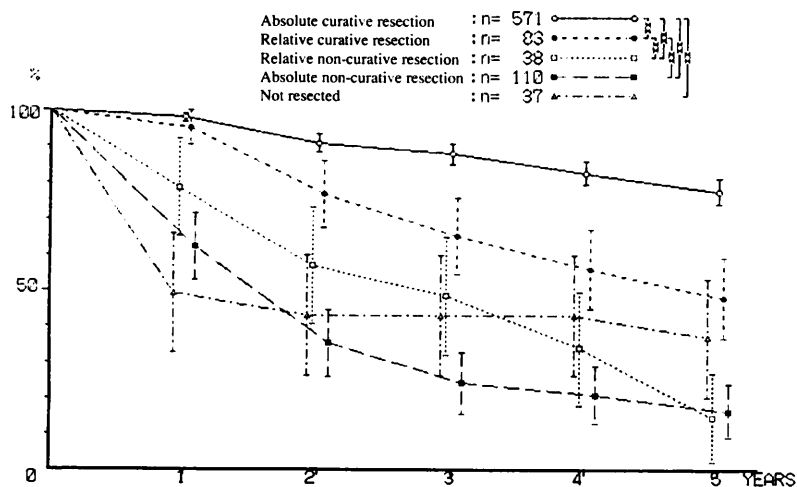
17-6 Histological operative curability.
Colon, Female.



17-7 Histological operative curability.
Rectum, Male.

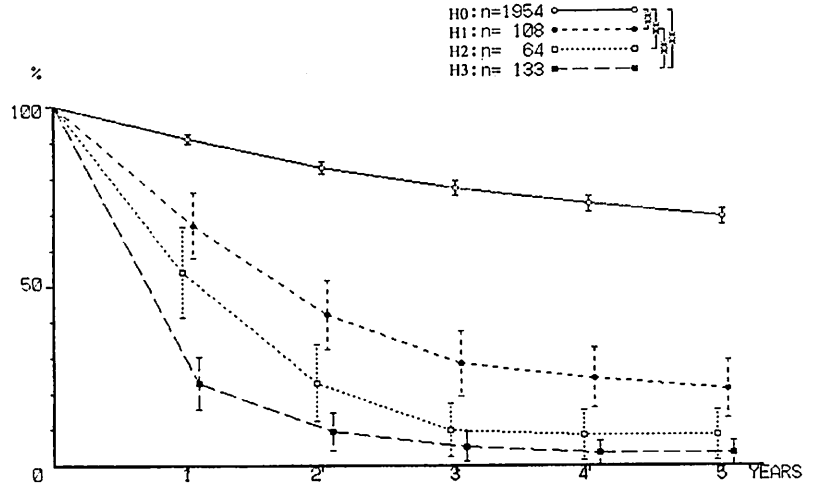


17-8 Histological operative curability.
Rectum, Female.

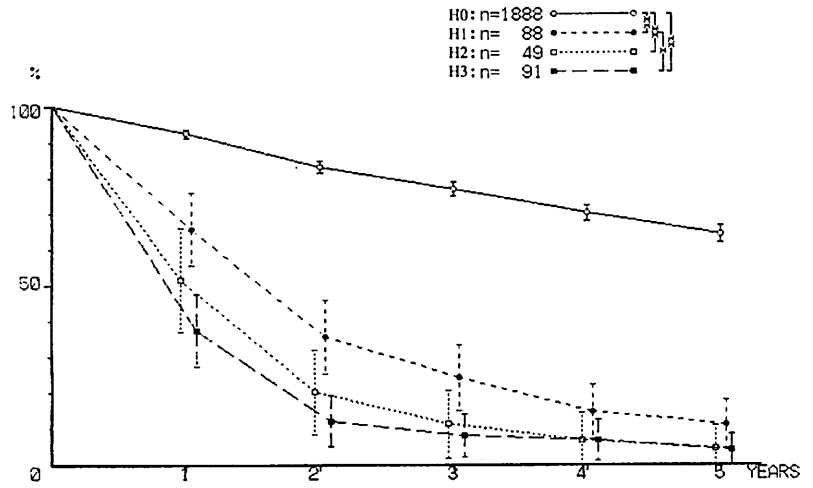


SURVIVAL RATE
□ P=0.01 * P=0.05

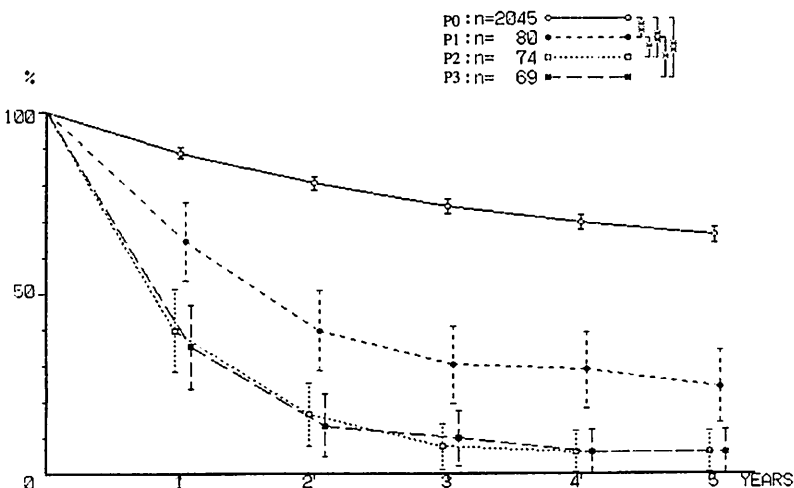
18-1 Hepatic metastasis.
Colon,



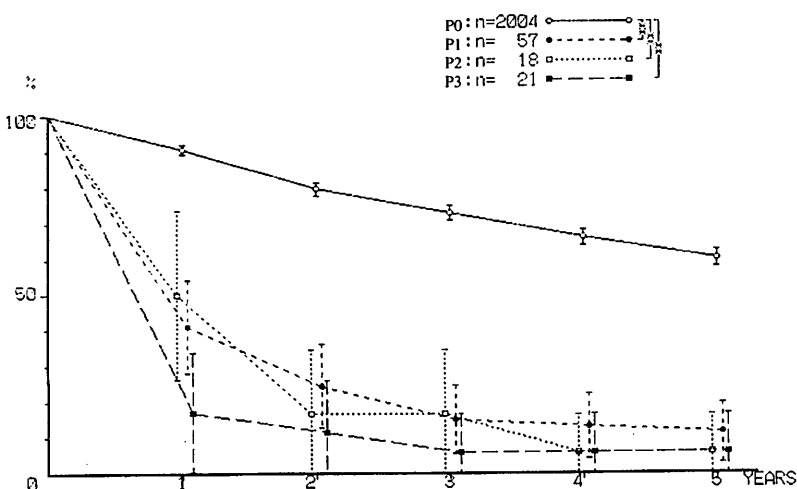
18-2 Hepatic metastasis.
Rectum.



19-1 Peritoneal disseminating metastasis.
Colon.

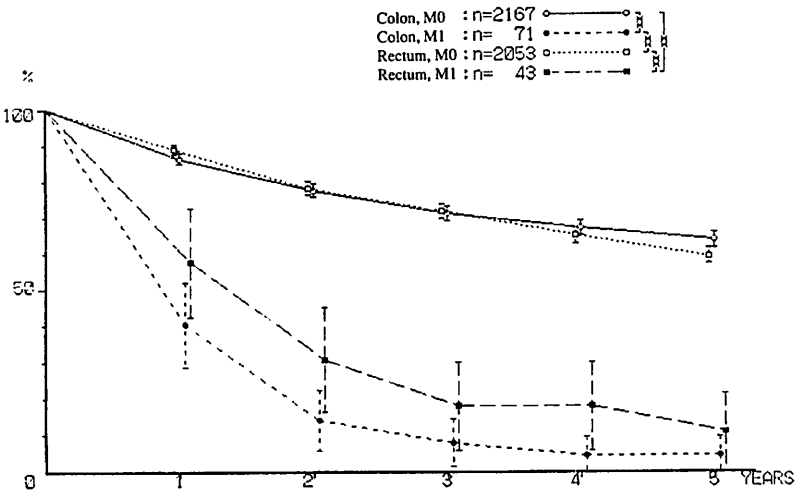


19-2 Peritoneal disseminating metastasis.
Rectum.

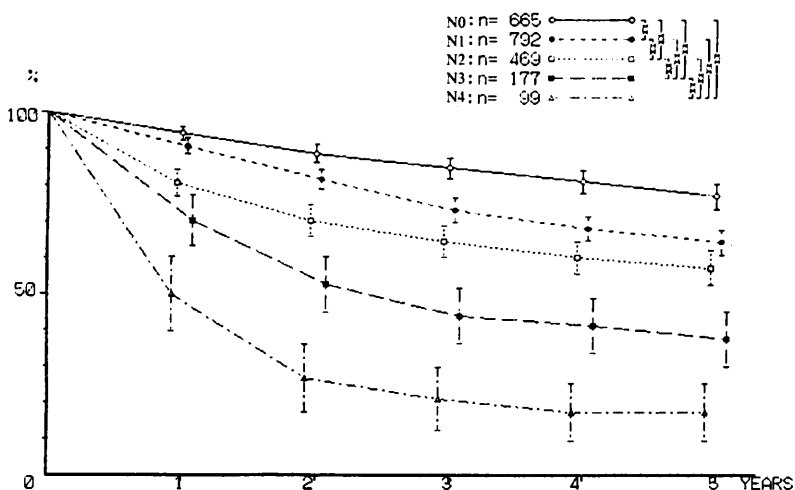


SURVIVAL RATE
* P=0.01 * P=0.05

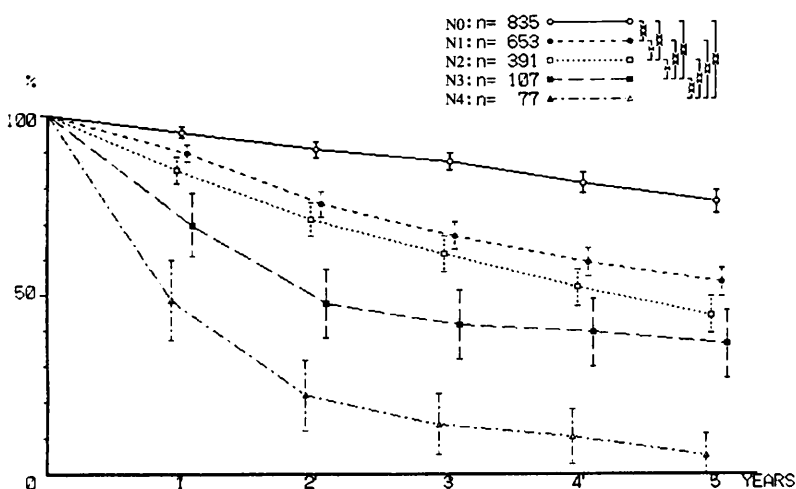
20 Metastasis to remote organ.



21-1 Macroscopic lymph node metastasis.
Colon.

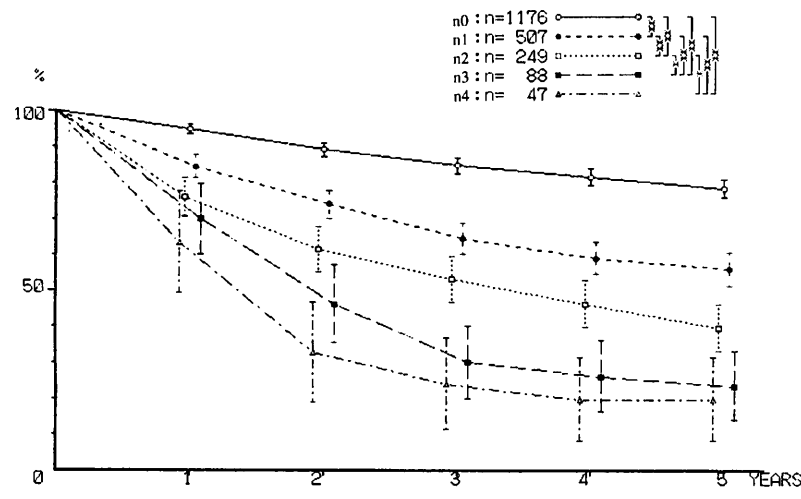


21-2 Macroscopic lymph node metastasis.
Rectum.

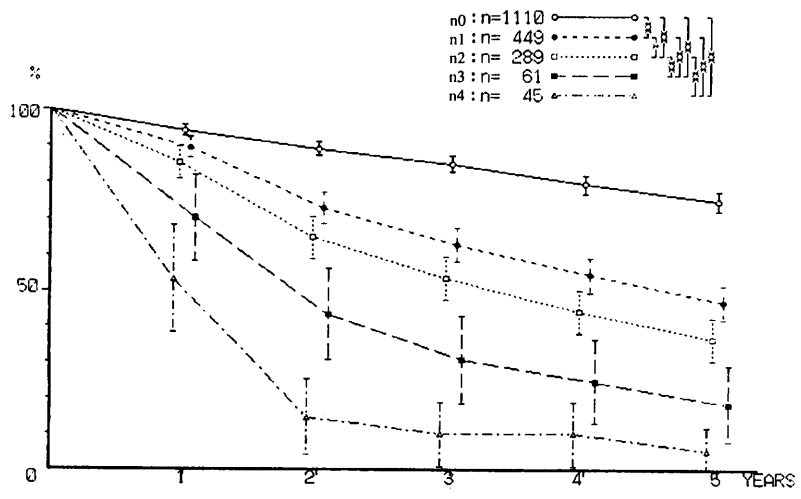


SURVIVAL RATE
* P=0.01 * P=0.05

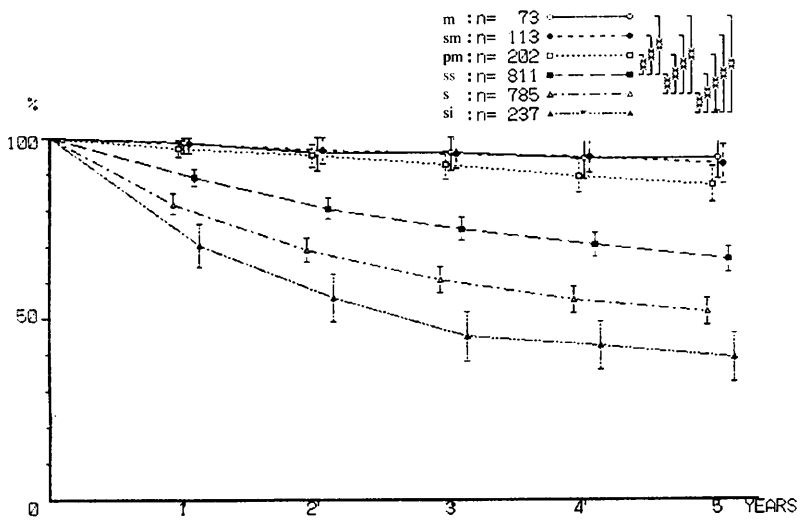
22-1 Histological lymph node metastasis.
Colon.



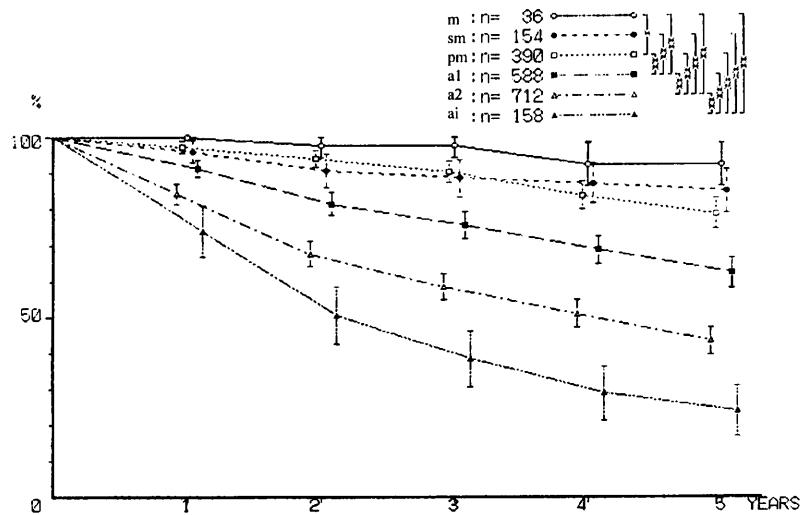
22-2 Histological lymph node metastasis.
Rectum.



23-1 Histological depth of invasion.
Colon.

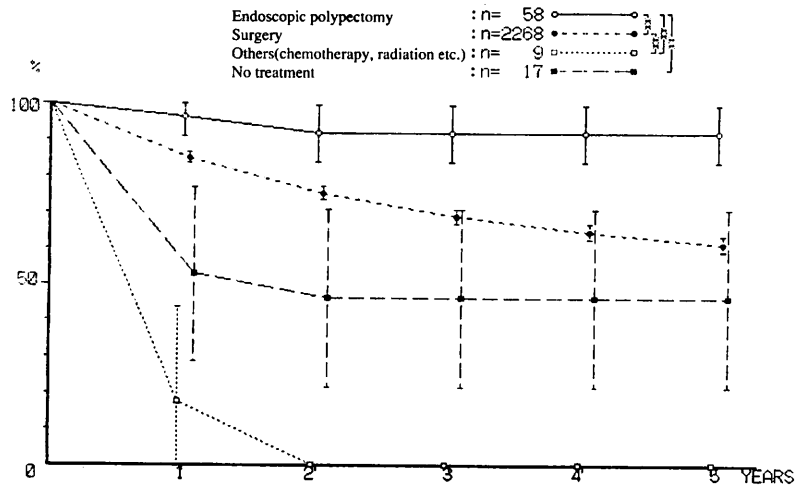


23-2 Histological depth of invasion.
Rectum.

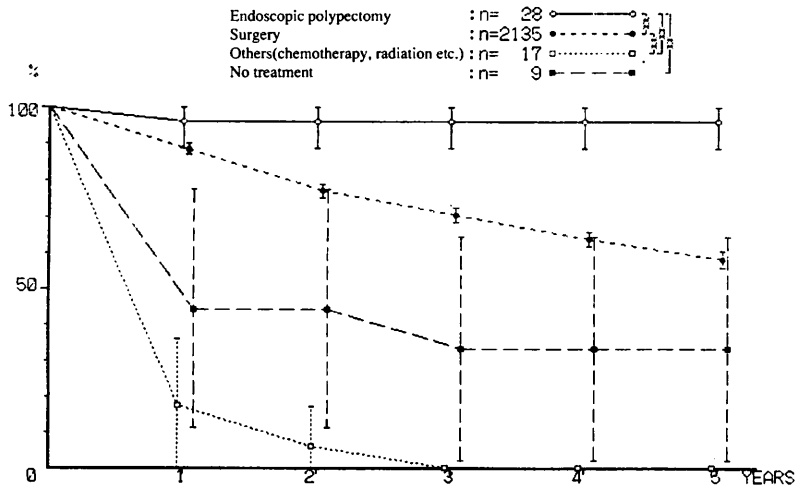


SURVIVAL RATE
P=0.01 * P=0.05

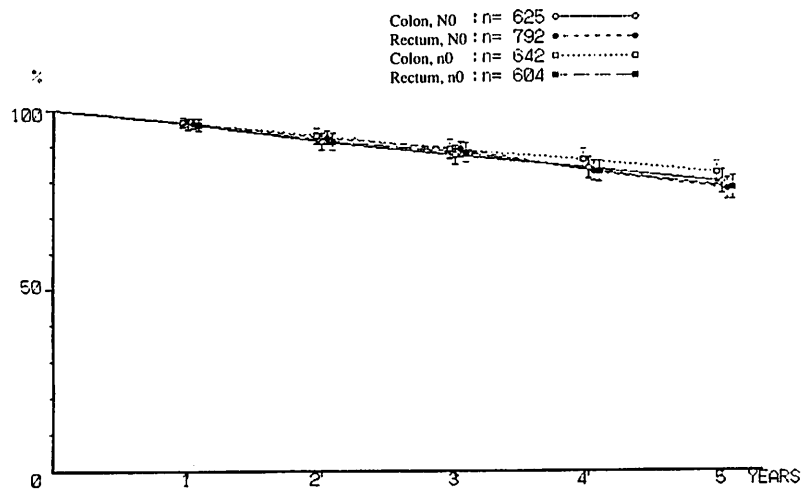
24-1 Modality of principal treatment.
Colon.



24-2 Modality of principal treatment.
Rectum.

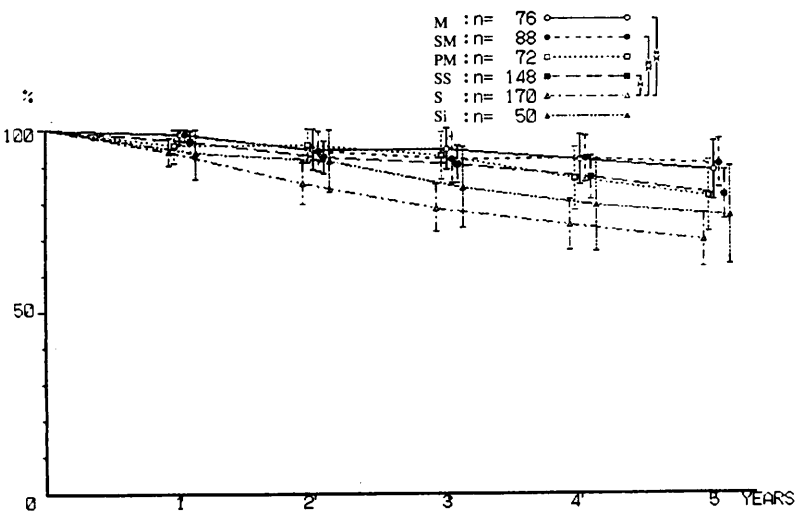


25 HOPOMONO or n0
Colon and Rectum.

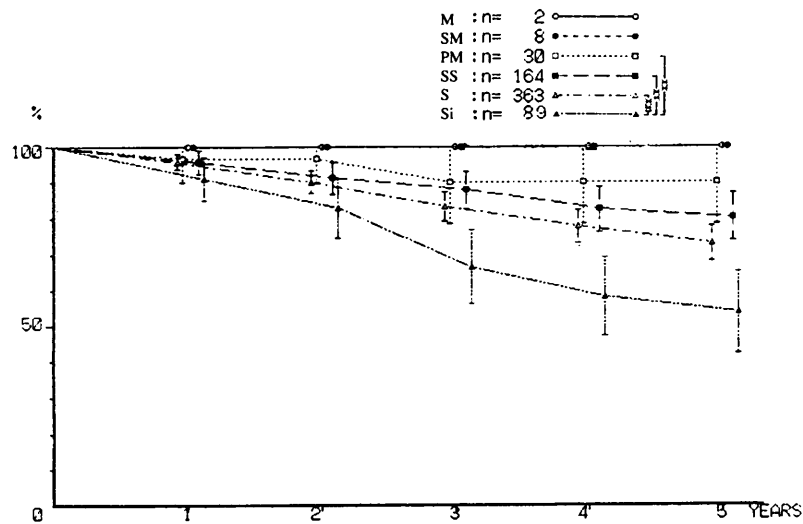


SURVIVAL RATE
P=0.01 * P=0.05

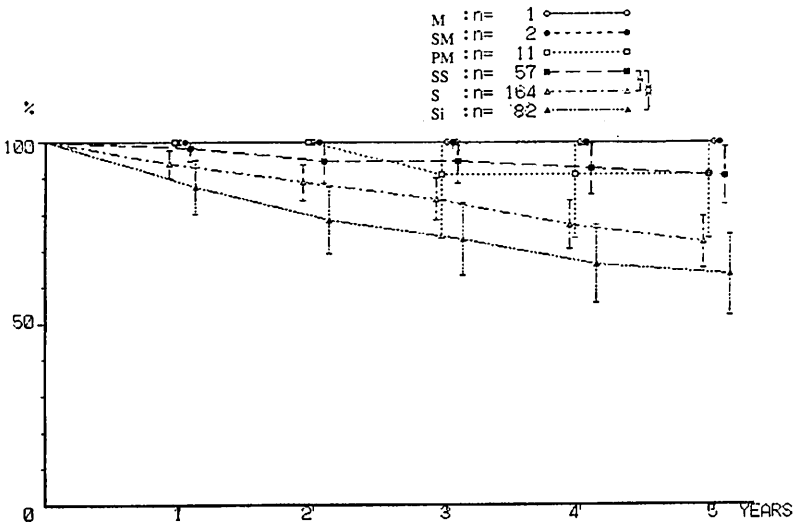
26-1 H0P0M0N0
Colon.



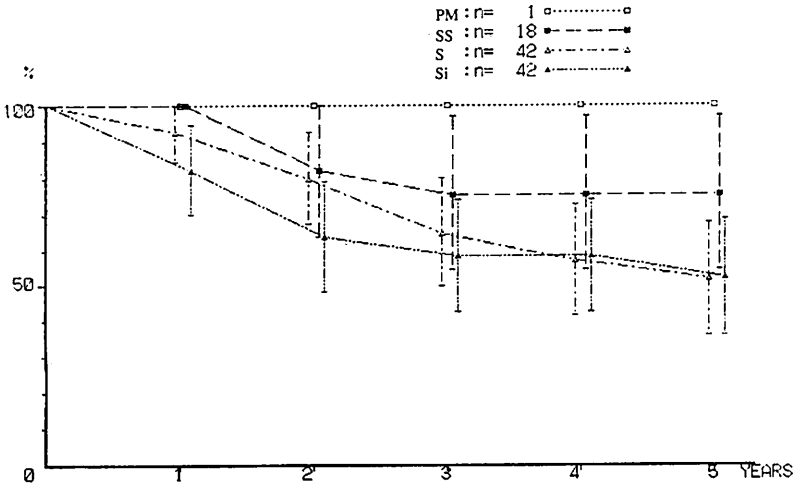
26-2 H0P0M0N1
Colon.



26-3 H0P0M0N2
Colon.

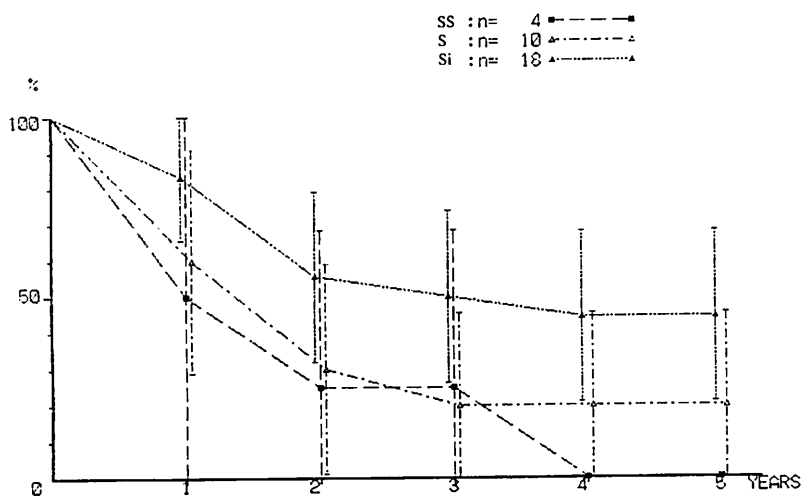


26-4 H0P0M0N3
Colon.

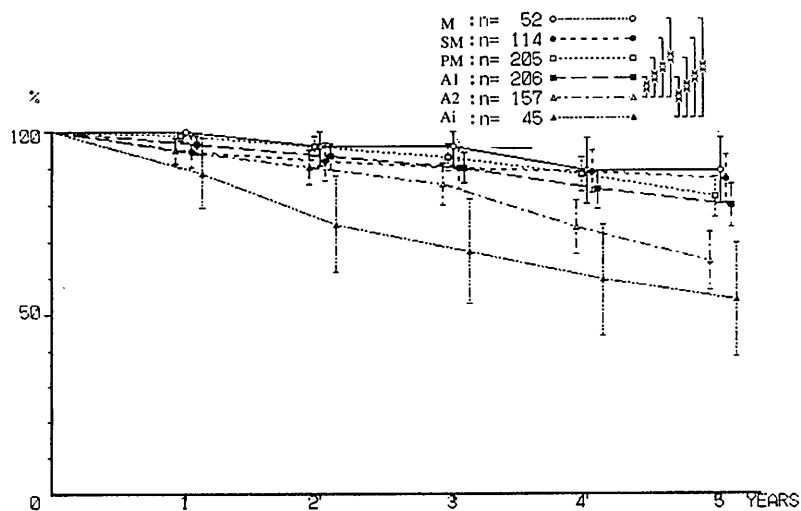


SURVIVAL RATE
P=0.01 * P=0.05

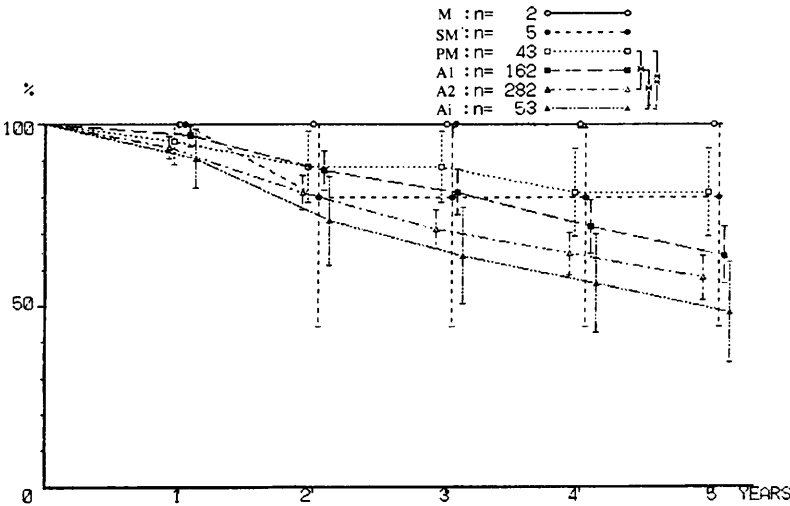
26-5 HOPOMON4
Colon.



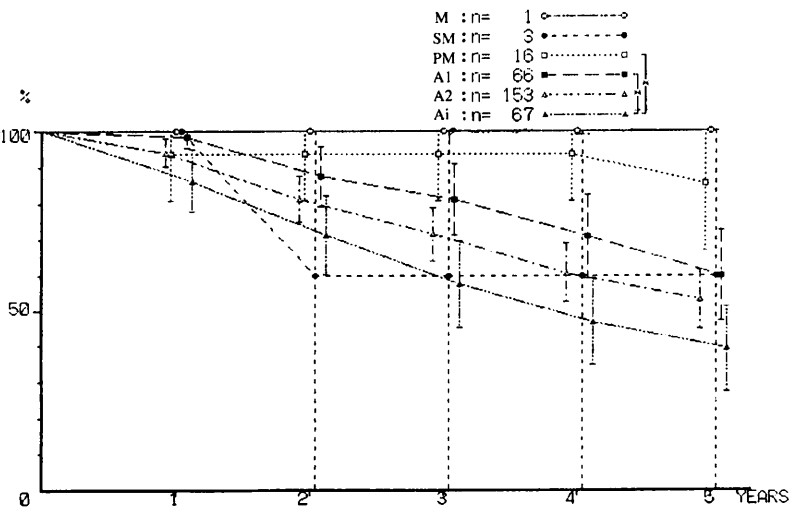
26-6 HOPOMON0
Rectum.



26-7 H0P0M0N1
Rectum.

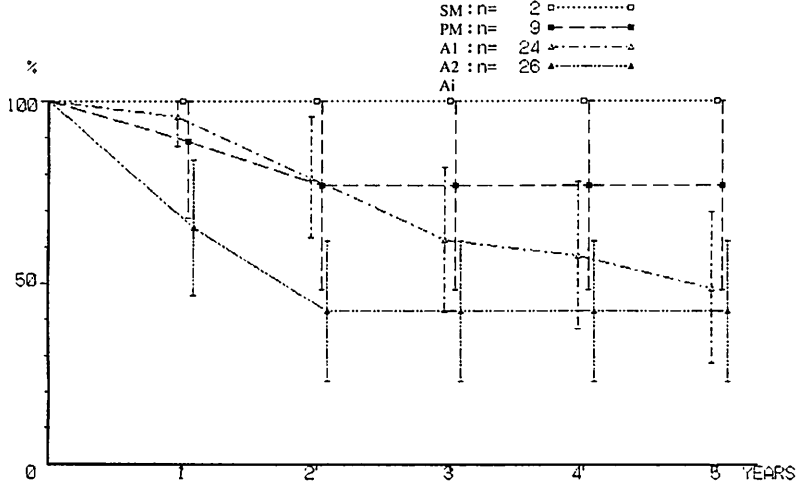


26-8 H0P0M0N2
Rectum.

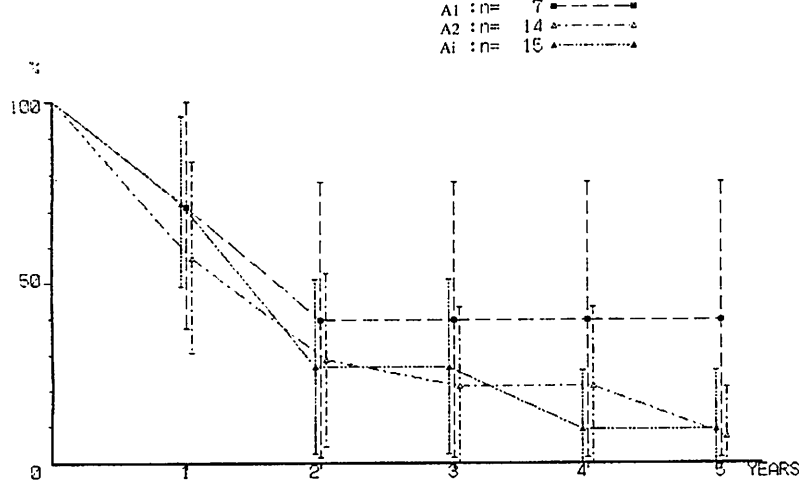


SURVIVAL RATE
* P=0.01 ~ P=0.05

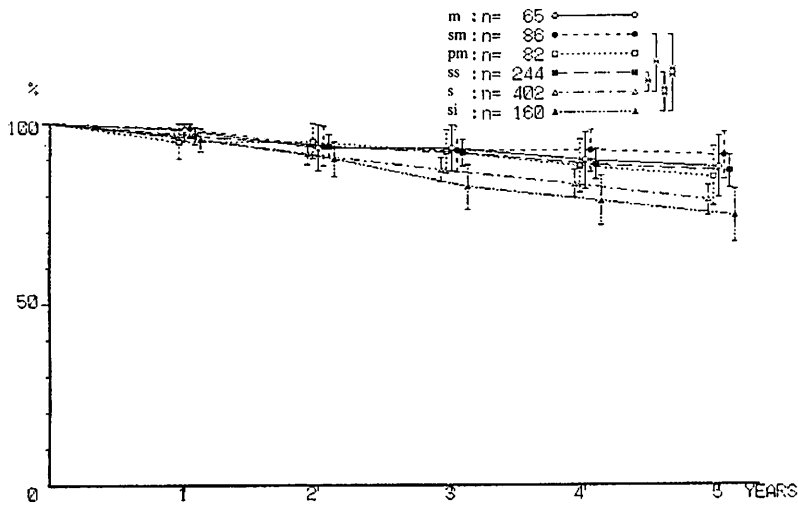
26-9 HOPOMON3
Rectum.



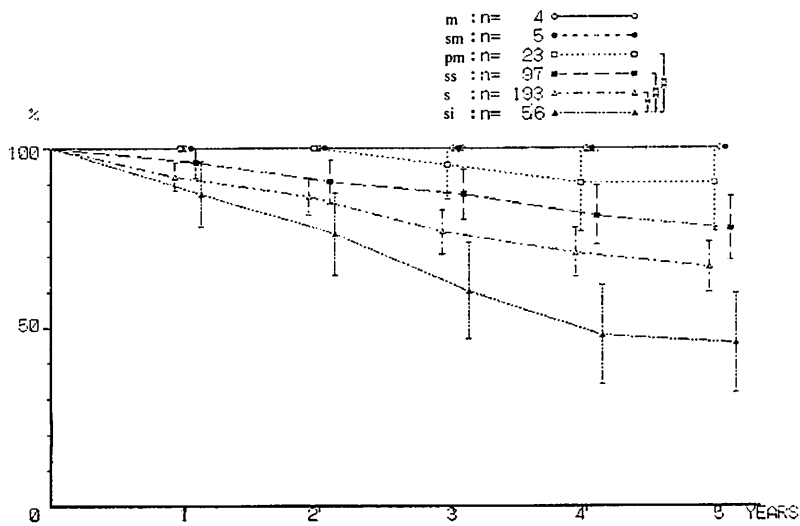
26-10 HOPOMON4
Rectum.



26-11 H0P0M0n0
Colon.

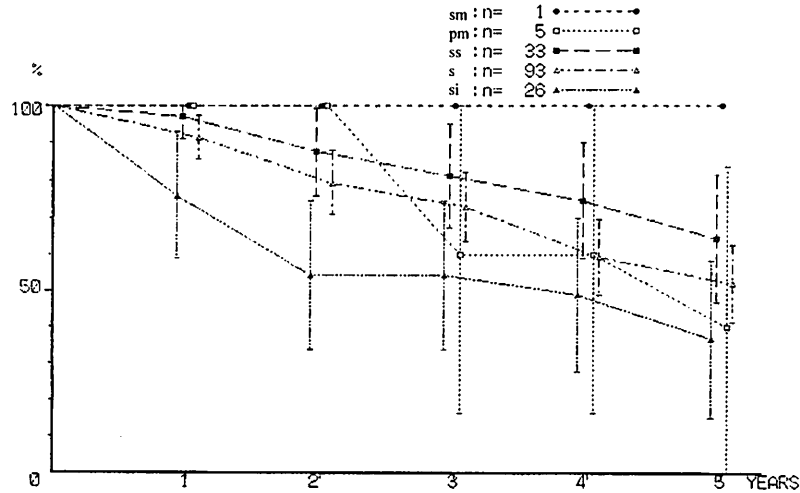


26-12 H0P0M0n1
Colon.

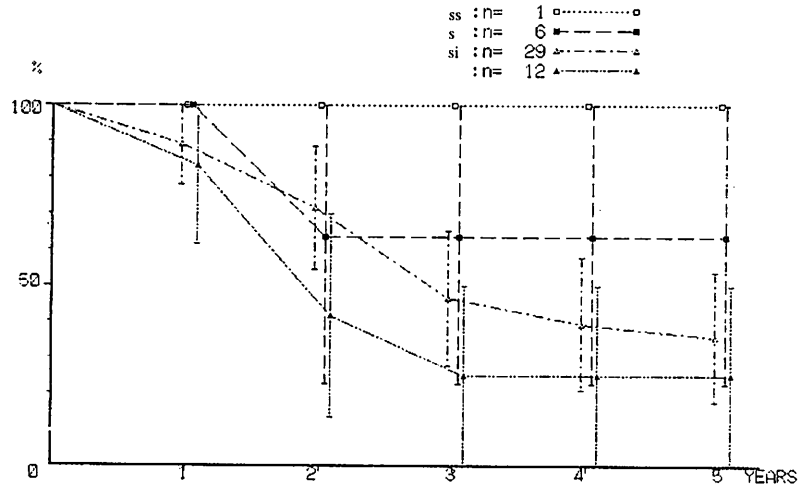


SURVIVAL RATE
R P=0.01 * P=0.05

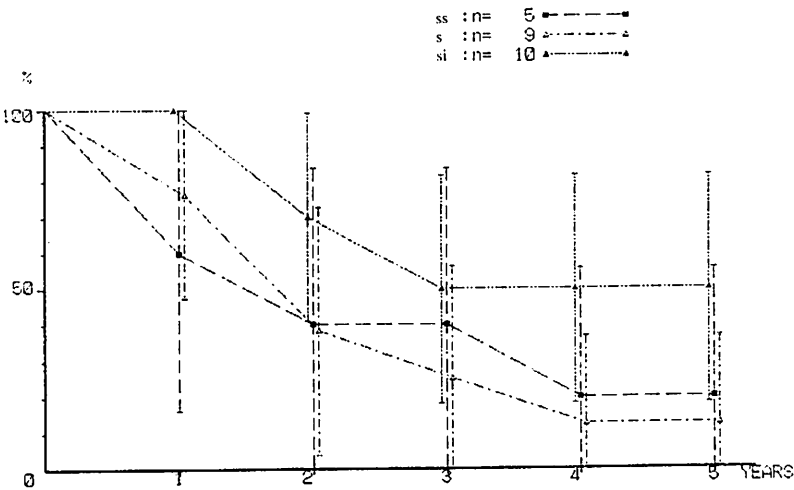
26-13 HOPOM0n2
Colon.



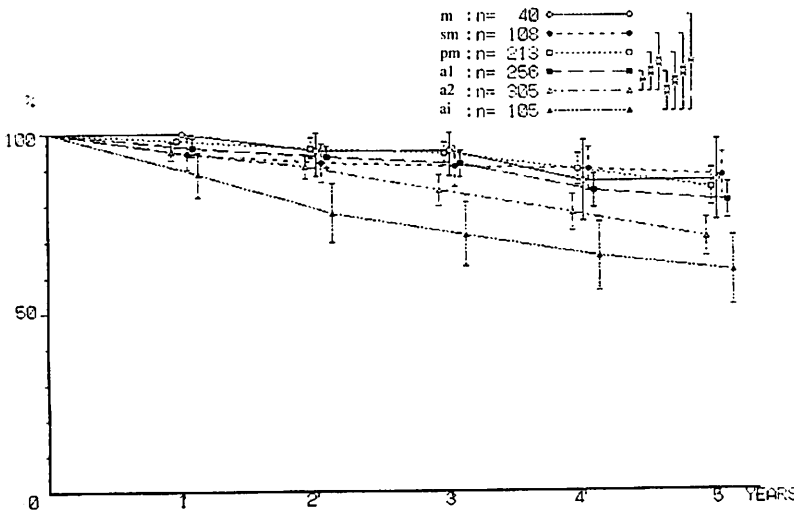
26-14 HOPOM0n3
Colon.



26-15 H0P0M0n4
Colon.

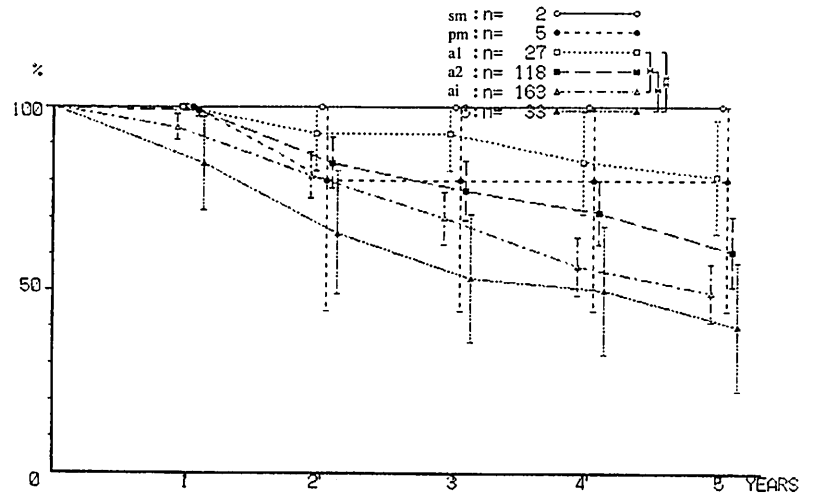


26-16 H0P0M0n0
Rectum.

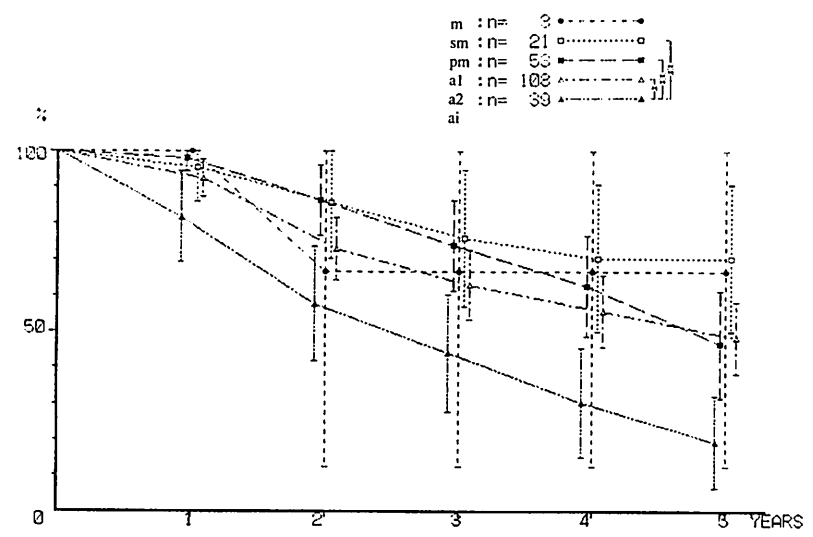


SURVIVAL RATE
■ P=0.01 * P=0.05

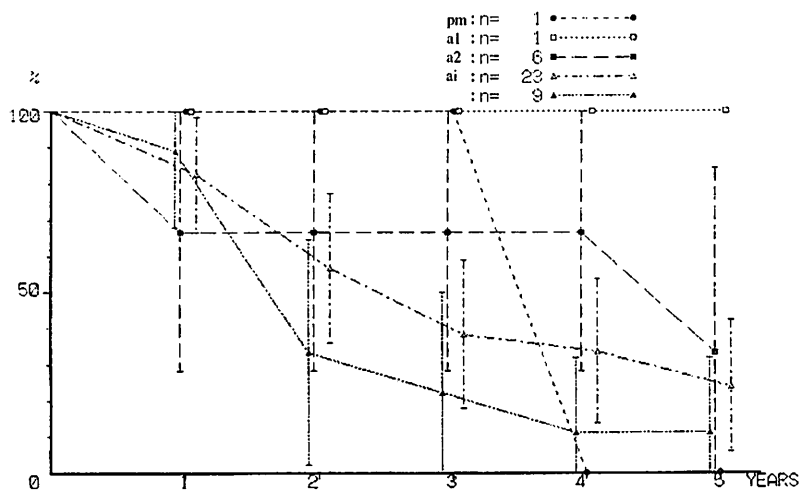
26-17 HOP0M0n1
Rectum.



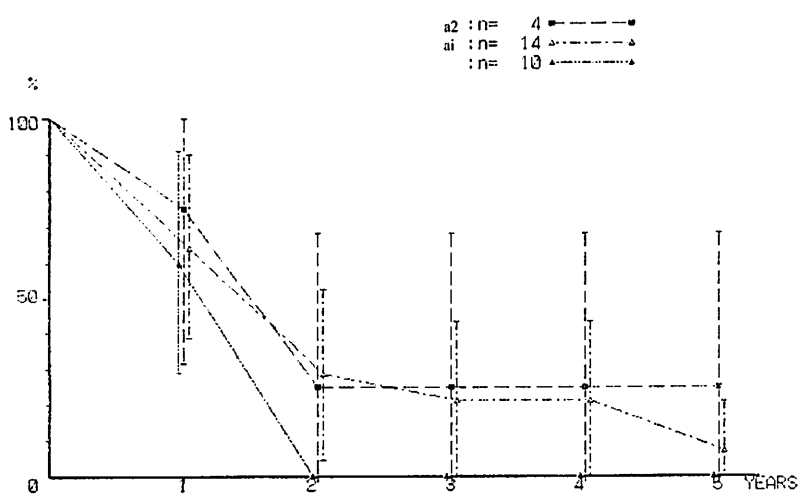
26-18 HOP0M0n2
Rectum.



26-19 H0P0M0n3
Rectum.

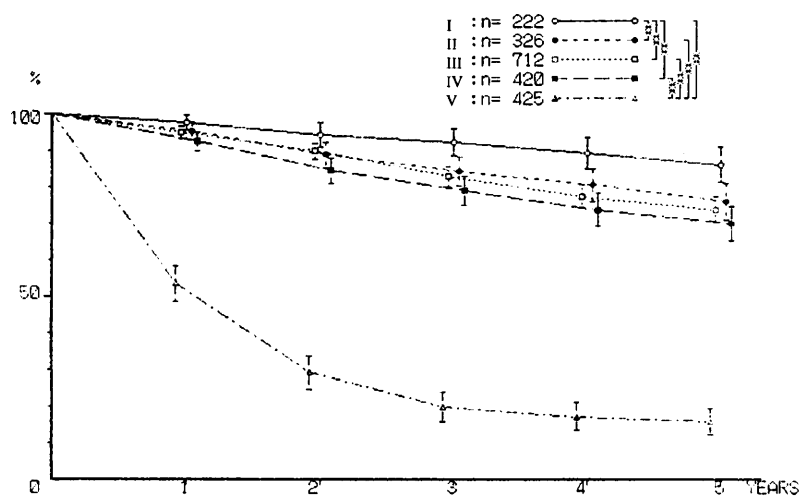


26-20 H0P0M0n4
Rectum.

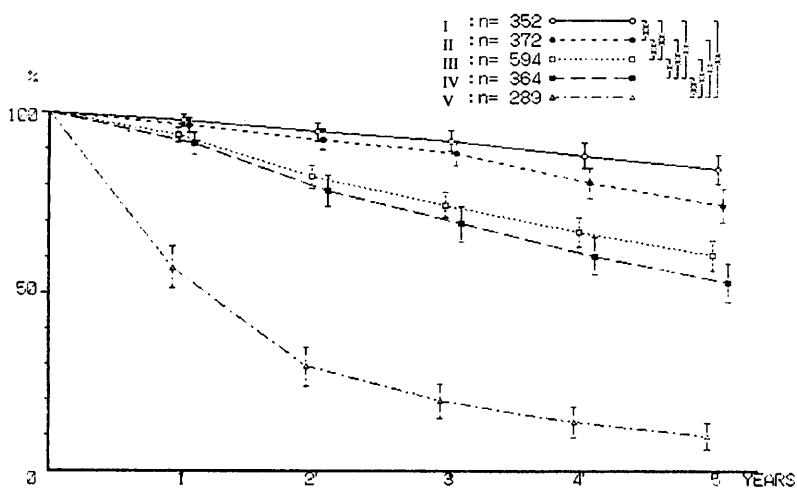


SURVIVAL RATE
P=0.01 * P=0.05

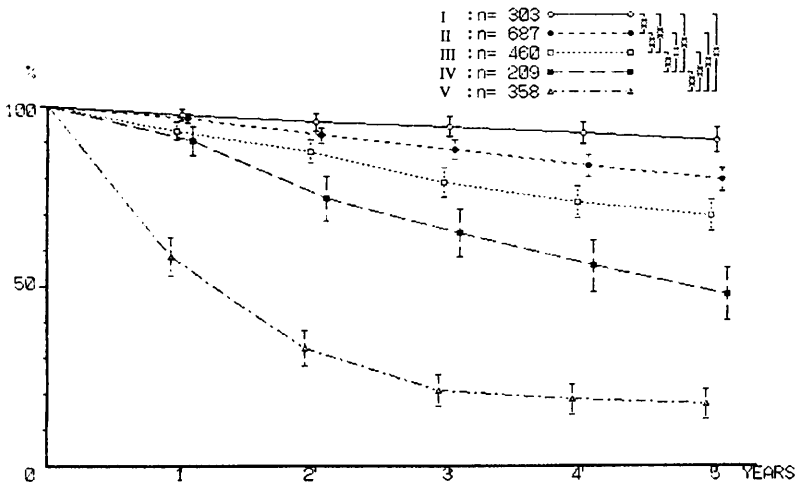
27-1 Clinical stage,
JRSCCR.
Colon.



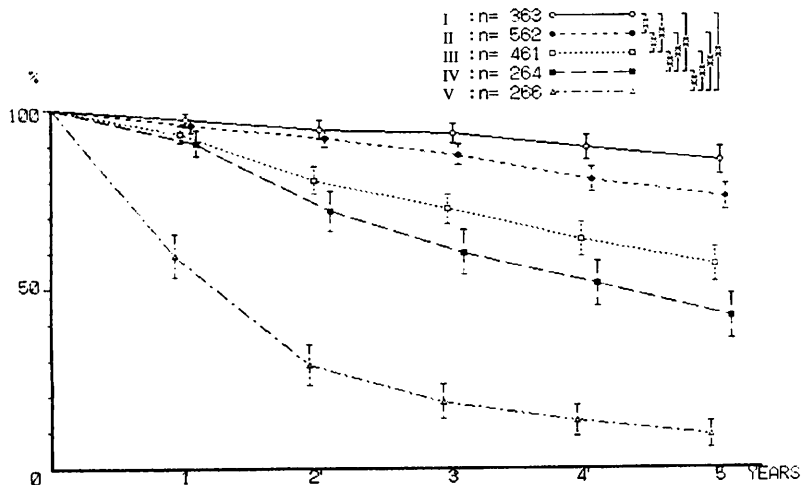
27-2 Clinical stage,
JRSCCR.
Rectum.



27-3 Histological stage,
JRSCCR.
Colon.

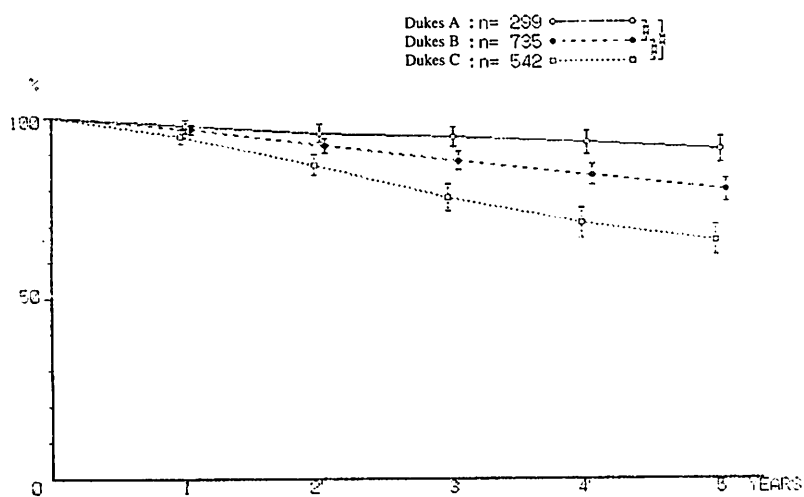


27-4 Histological stage,
JRSCCR.
Rectum.

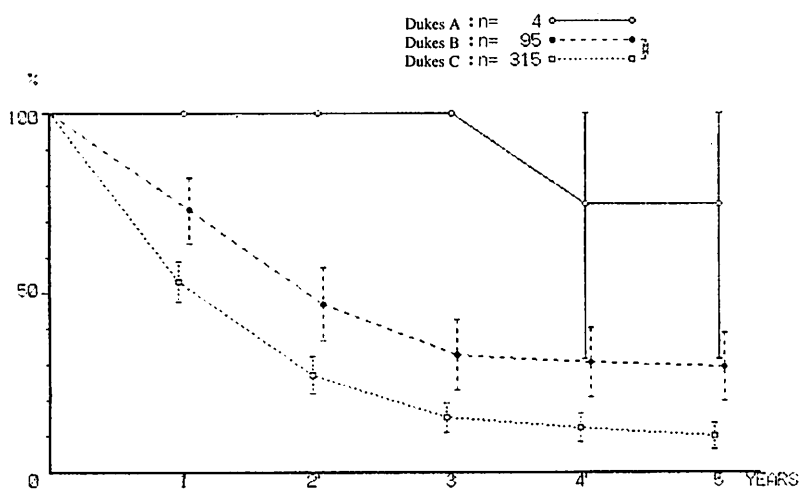


SURVIVAL RATE
P=0.01 * P=0.05

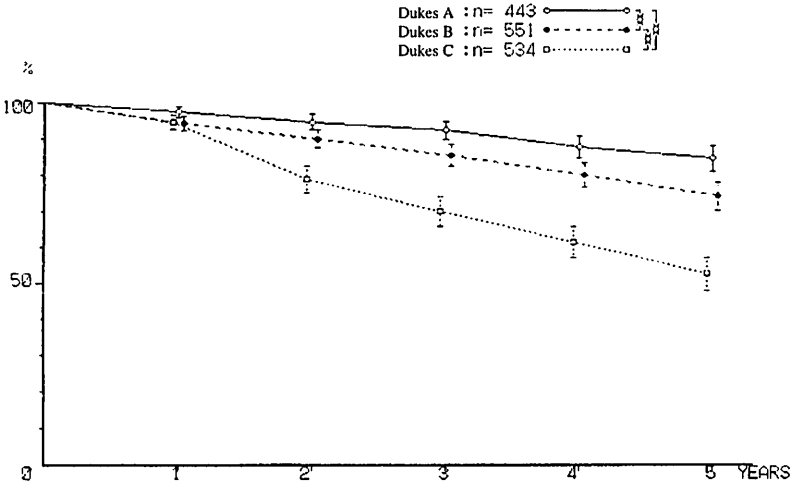
28-1 Dukes.
Curative resection,
Colon.



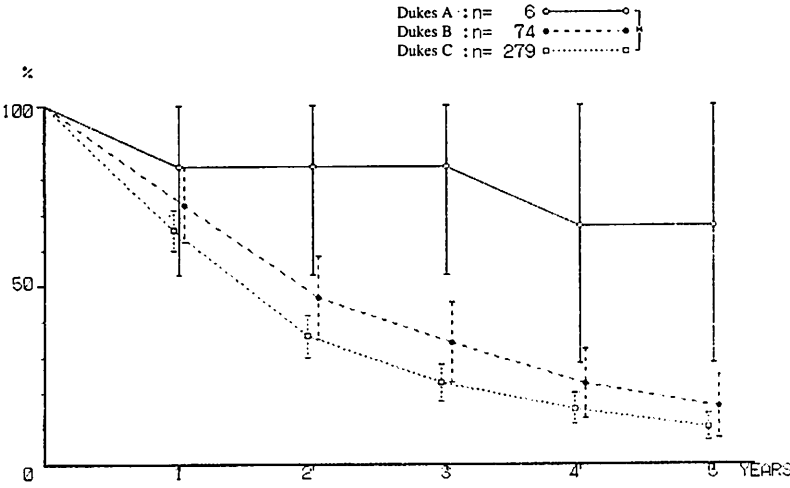
28-2 Dukes.
Non-curative resection,
Colon.



28-3 Dukes.
Curative resection,
Rectum.

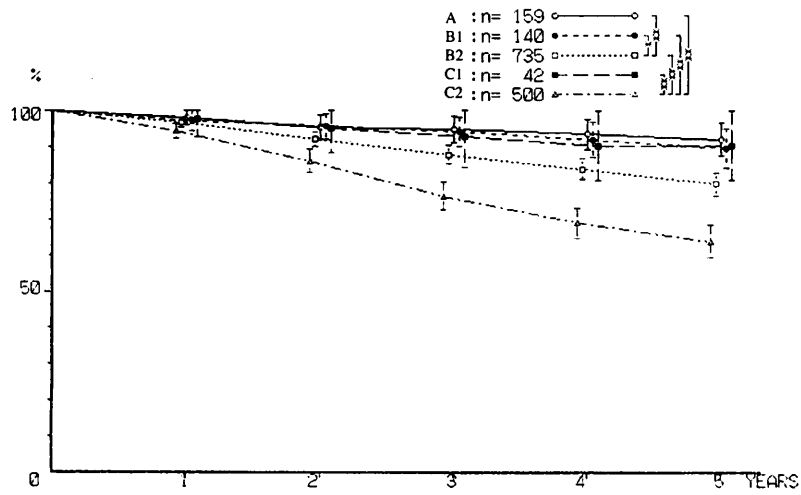


28-4 Dukes.
Non-curative resection,
Rectum.

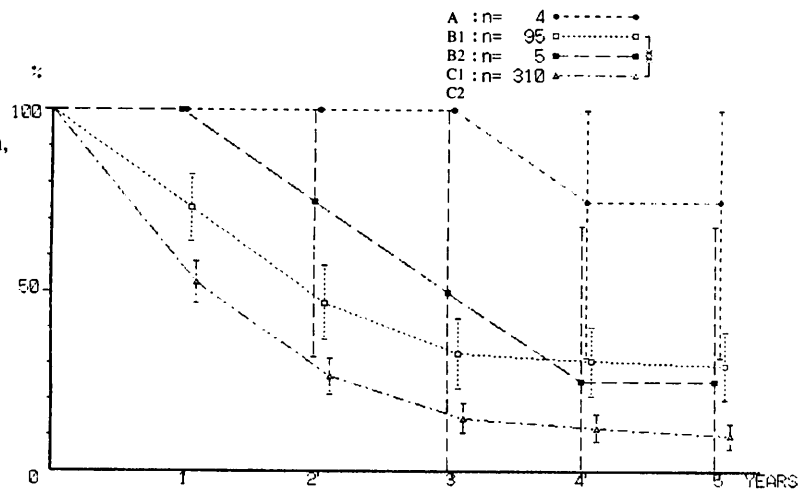


SURVIVAL RATE
* P=0.01 * P=0.05

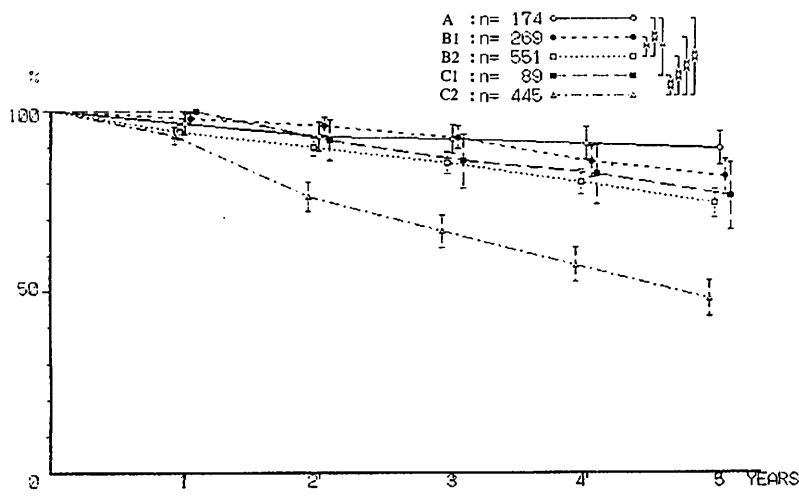
29-1 Astler-Coller.
Curative resection,
Colon.



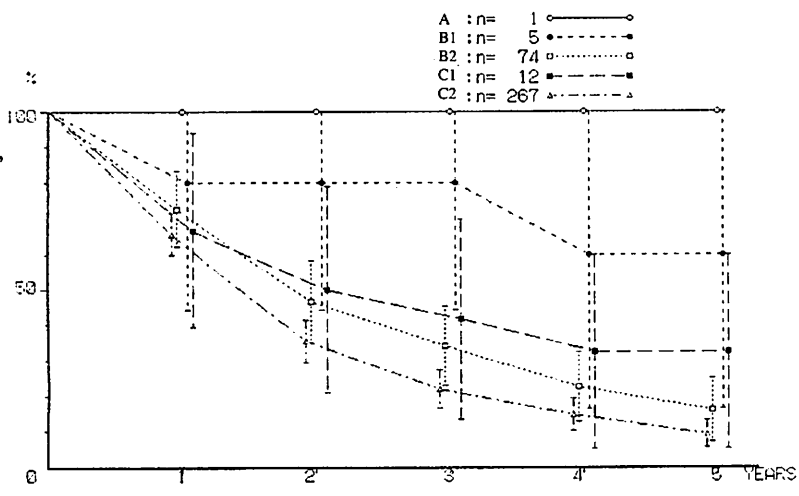
29-2 Astler-Coller.
Non-curative resection,
Colon.



29-3 Astler-Coller.
Curative resection,
Rectum.



29-4 Astler-Coller.
Non-curative resection,
Rectum.



SURVIVAL RATE
* P=0.01 * P=0.05

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