

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

**Vol. 8
Cases treated in 1984**

Japanese Research Society for Cancer of the Colon and Rectum

Preface

This is the eighth 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 3,993 patients on file in 104 member institutes of JRSCCR, 3,801 were found to have undergone initial treatment for histologically confirmed malignant neoplasms during the period from January 1 to December 31, 1984, 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.7 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		No. of cases registered	No. of cases analyzed ^{a)}		
			Total	Male	Female
Aichi Cancer Center Hospital	Dpt GI Surg	99	97	54	43
Akita University School of Medicine	Dpt Surg I	42	38	23	15
Cancer Institute Hospital	Dpt Surg	93	93	51	42
Chiba Cancer Center	Dpt Surg	37	37	18	19
School of Medicine, Chiba University	Dpt Surg I	42	41	31	10
School of Medicine, Chiba University	Dpt Surg II	26	26	14	12
National Defense Medical College	Dpt Surg I	64	62	39	23
Dokkyo University School of Medicine	Dpt Surg I	24	23	8	15
Dokkyo University School of Medicine	Dpt Surg II	16	13	8	5
East Hospital, Kitazato University	GE Center	54	53	31	22
Fujita Health University School of Medicine	Dpt GI Surg	61	61	43	18
Fujita Health University School of Medicine	Dpt Surg (Miura)	36	33	14	19
Fujita Health University School of Medicine	2nd Hospital	14	13	7	6
Fujita Health University School of Medicine	Dpt Surg (Funabiki)	3	2	1	1
Fukui Medical School	Dpt Surg I	27	26	16	10
Fukui Prefectural Hospital	Dpt Surg I	71	64	35	29
National Fukuoka Central Hospital		52	50	27	23
Fukushima Medical College	Dpt Surg I	14	13	9	4
School of Medicine, Gifu University	Dpt Surg I	36	33	16	17
Gihoku General Hospital	Dpt Surg	8	8	2	6
Gunma Cancer Center	Dpt Surg	31	26	14	12
Gunma University School of Medicine	Dpt Surg I	28	28	17	11
Hamamatsu Medical Center		35	32	22	10
Hamamatsu University School of Medicine	Dpt Surg II	16	16	11	5
Hiraga General Hospital	Dpt Surg	28	27	18	9
Hirosaki University, School of Medicine	Dpt Surg II	40	40	22	18
Hirosaki University, School of Medicine	1st Dpt IM	3	3	2	1
Hiroshima University School of Medicine	Dpt Surg II	40	38	23	15
Research Institute for Nuclear and Biology, Hiroshima University Medical School	Dpt Surg	18	17	10	7
Hokkaido University, School of Medicine	1st Dpt Surg	24	24	14	10
Iwakuni National Hospital		36	35	19	16
Iwate Medical University, School of Medicine	Dpt Surg I	40	38	21	17
Jichi Medical School, School of Medicine	Dpt GI Gen Surg	50	47	24	23
Juntendo University, School of Medicine	Dpt Surg I	54	51	28	23
Kagawa Medical School	Dpt Surg I	22	22	15	7
Kanazawa Medical University	Dpt Surg II	39	37	21	16
School of Medicine, Kanazawa University	Dpt Surg II	32	30	20	10
Kanto Rosai Hospital		27	27	14	13
Kanto Teishin Hospital	Dpt Gen Surg	25	24	14	10
Kariya General Hospital.		37	34	24	10
Kawasaki City Ida Hospital	Dpt Surg	20	20	10	10
Kawasaki Medical School	¹⁾ GE Surg	61	61	36	25

Institute		No. of cases registered	No. of cases analyzed ^{a)}		
			Total	Male	Female
School of Medicine, Keio University	Dpt Surg	69	65	47	18
Kinki University School of Medicine	Dpt Surg I	42	39	17	22
Kobe University School of Medicine	Dpt Surg I	39	39	21	18
Kosei General hospital	Dpt Surg	28	27	14	13
Kumamoto University, Medical School	Dpt Surg I	20	20	13	7
Kurume University, School of Medicine	Dpt Surg I	104	101	60	41
Kyorin University, School of Medicine	Dpt Surg II	22	21	11	10
Kyoto 2nd Red Cross Hospital	Dpt Surg	48	38	21	17
Kyoto Prefectural University Medicine	Dpt Surg I	20	20	11	9
Kyoto Prefectural University Medicine	Dpt Surg II	30	28	17	11
Kyoto University, Faculty of Medicine	Dpt Surg I	50	49	24	25
National Kyushu Cancer Center	Dpt GE Surg	66	65	32	33
Facility Medicine, Kyushu University	Dpt Radiol	3	3	2	1
Miyagi Medical Center for Adults	Dpt Surg	39	36	18	18
Nagasaki University, School of Medicine	Dpt Surg I	35	33	21	12
Medical School, Nagoya City University	Dpt Surg I	50	45	33	12
Nagoya National Hospital		39	36	18	18
Nagoya University School of Medicine	Dpt Surg I	22	21	12	9
Nara Medical University	Dpt Surg I	17	10	6	4
Nihon University, School of Medicine	Dpt Surg I	7	7	4	3
Nihon University, School of Medicine	Dpt Surg III	30	28	17	11
Niigata Cancer Center Hospital	Dpt Surg	57	55	23	32
Niigata Central Hospital	Dpt Surg	26	26	10	16
Niigata University, School of Medicine	Dpt Surg I	39	37	21	16
Nippon Medical School	Dpt Surg I	57	56	32	24
Nogaki Hospital	Dpt Surg	29	28	18	10
Oita Medical University	Dpt Surg II	16	16	8	8
Okayama 1st Red Cross Hospital	Dpt Surg	20	20	12	8
Okayama University, School of Medicine	Dpt Surg I	28	28	13	15
National Okura Hospital	Dpt Surg	38	32	20	12
Oogaki Municipal Hospital	Dpt Surg	81	79	43	36
Oomoto Hospital		13	12	3	9
Research Institute for Microbial Diseases, Osaka University	Dpt Surg	19	19	12	7
Osaka Medical College	Dpt Surg	52	52	29	23
Osaka National Hospital	Dpt Surg	59	57	37	20
Osaka University Medical School	Dpt Surg II	35	32	16	16
Saitama National Hospital	Dpt Surg	26	19	14	5
National Sapporo Hospital		32	27	18	9
Hokkaido Cancer Center					
Red cross Sendai Hospital	Dpt Surg	18	18	10	8
Sendai National Hospital	Dpt Surg	87	84	45	39
Shimada Municipal Hospital	Dpt Surg	10	10	6	4
Shimane Medical University	Dpt Surg II	24	23	14	9

Institute		No. of cases registered	No. of cases analyzed ^{a)}		
			Total	Male	Female
Shinshu University, School of Medicine	Dpt Surg II	26	26	14	12
Shizuoka Red Cross Hospital	Dpt Surg	38	37	23	14
Social Insurance Central Hospital, Colo-proctology Center		67	66	39	27
Southern Region Hospital		11	11	7	4
Takano Hospital Colo-proctology Center		133	131	83	48
Teikyo University School of Medicine	Dpt Surg I	26	26	16	10
Toho University School of Medicine	Dpt Surg I	54	53	36	17
Tohoku University, School of Medicine	Dpt Surg I	43	39	19	20
Tokyo Medical College	Dpt Surg III	67	61	39	22
Tokyo Metropolitan Cancer Detection Center		14	4	3	1
Tokyo Medical and Dental University, School of Medicine	Dpt Surg I	20	19	14	5
Tokyo Medical and Dental University, School of Medicine	Dpt Surg II	20	18	11	7
Tokyo Metropolitan General Hospital	Dpt Surg	31	30	16	14
Faculty of Medicine, University Tokyo	Dpt Surg II	18	17	10	7
Tokyo Women's Medical College	Dpt Surg II ²⁾	29	28	14	14
Tokyo Women's Medical College	Institute of GE	156	152	93	59
Tokyo Women's Medical College, Second Hospital	Dpt Surg	46	40	18	22
Tottori University, Faculty of Medicine	Dpt Surg I	42	41	28	13
Wakayama Medical College	Dpt GE Surg ¹⁾	19	18	12	6
Yamagata Prefectural Central Hospital	Dpt Surg	62	60	28	32
Total		3993	3801	2192	1609

Dpt: Department, GI: Gastrointestinal, Surg: Surgery, IM: Internal Medicine, Gen: General, GE: Gastroenterological, Gastroenterology, Radiol: Radiology

a): Cases with the following items omitted were excluded from analysis.

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

2-1 Patients analyzed

Histological type, Site and Sex

Histological type	Site	Total No.	Sex	
			male	female
Adenocarcinoma ^{a)}	Colon	1,919	1,079	840
	Rectum	1,831	1,089	742
Other malignancies ^{b)}	Colon	18	8	10
	Rectum	33	16	17
Total		3,801	2,192	1,609

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	1,913	[32] ^{b)}	6
	Rectum	1,823	[16]	8
	Total	3,736	[48]	14
Other malignancies	Colon	18	[0]	0
	Rectum	32	[1]	1
	Total	50	[1]	1
Grand total		3,786	[49]	15
				3,801

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	34	0.9	17	17
Endoscopic polypectomy	49	1.3	32	17
Surgery	3,684	96.9	1,880	1,804
Cryosurgery	2	0.1	0	2
Electric cautery therapy	1	0.0	1	0
Radiation	9	0.2	0	9
Chemotherapy	21	0.6	7	14
Other modalities	1	0.0	0	1
Total	3,801	100	1,937	1,864

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

4-1 Age incidence

Site	Total	Age										Male
		-9	-19	-29	-39	-49	-59	-69	-79	80-	unknown	
Colon	I	4	0	0	0	0	1	0	0	1	2	0
	V	1	0	0	0	0	0	0	0	1	0	0
	C	116	0	0	0	1	14	20	48	25	8	0
	A	163	0	0	1	2	19	31	58	45	7	0
	T	171	0	0	0	9	15	48	50	42	7	0
	D	107	0	0	1	4	15	20	35	24	8	0
	S	525	0	0	0	6	54	156	128	148	33	0
	NOS	0	0	0	0	0	0	0	0	0	0	0
<hr/>												
Total		1,087	0	0	2	22	118	275	319	286	65	0
Rectum	Rs	214	0	0	2	4	22	65	60	49	12	0
	Ra	332	0	0	0	3	45	114	94	61	15	0
	Rb	531	0	1	3	28	67	146	151	111	24	0
	P	27	0	1	0	1	5	5	9	5	1	0
	E	1	0	0	0	0	0	1	0	0	0	0
	NOS	0	0	0	0	0	0	0	0	0	0	0
<hr/>												
Total		1,105	0	2	5	36	139	331	314	226	52	0
Colon & Rectum		2,192	0	2	7	58	257	606	633	512	117	0

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

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

P, proctos; E, external skin.

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

4-2 Age incidence

		Total	Age									Female
			-9	-19	-29	-39	-49	-59	-69	-79	80-	unknown
Colon	I	2	0	0	0	1	0	0	1	0	0	0
	V	2	0	0	0	0	1	0	0	1	0	0
	C	103	0	0	0	4	10	26	24	31	8	0
	A	175	1	0	2	2	27	30	55	49	9	0
	T	114	0	0	0	3	13	27	31	34	6	0
	D	58	0	1	0	4	7	16	17	9	4	0
	S	396	0	1	1	13	47	124	107	86	16	1
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		850	1	2	3	27	105	223	235	210	43	1
Rectum	Rs	181	1	0	1	3	30	42	57	40	7	0
	Ra	205	0	0	1	9	32	58	59	36	10	0
	Rb	341	0	1	2	16	48	83	101	75	15	0
	P	32	0	0	1	0	4	8	9	9	1	0
	E	0	0	0	0	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		759	1	1	5	28	114	191	226	160	33	0
Colon & Rectum		1.609	2	3	8	55	219	414	461	370	76	1

5-1 Gross appearance of primary lesions

Adenocarcinoma

		Total	Superficial	Protuberant	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Special	Unknown
Colon	I	6	1	0	2	1	1	0	1
	V	3	0	0	1	0	0	2	0
	C	215	8	36	130	28	2	1	10
	A	333	8	33	219	49	2	5	17
	T	280	13	20	197	37	7	2	4
	D	165	7	21	109	21	2	0	5
	S	917	88	89	603	103	6	4	24
	NOS	0	0	0	0	0	0	0	0
Total		1,919	125	199	1,261	239	20	14	61
Rectum	Rs	395	24	40	266	36	8	3	18
	Ra	533	32	54	364	58	6	3	16
	Rb	856	78	78	556	114	5	6	19
	P	47	4	4	22	8	0	5	4
	E	0	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0	0
Total		1,831	138	176	1,208	216	19	17	57
Colon & Rectum		3,750	263	375	2,469	455	39	31	118

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	0	0	0	0	0	0	0	0
	C	4	0	2	1	0	0	0	1
	A	5	0	1	2	1	0	0	1
	T	5	0	1	3	0	0	0	1
	D	0	0	0	0	0	0	0	0
	S	4	1	0	2	0	1	0	0
	NOS	0	0	0	0	0	0	0	0
Total		18	1	4	8	1	1	0	3
Rectum	Rs	0	0	0	0	0	0	0	0
	Ra	4	0	0	3	0	0	0	1
	Rb	16	6	2	5	3	0	0	0
	P	12	0	2	3	2	1	2	2
	E	1	0	0	0	0	0	1	0
	NOS	0	0	0	0	0	0	0	0
	Total	33	6	4	11	5	1	3	3
Colon & Rectum		51	7	8	19	6	2	3	6

6-1 Histological typing

Adenocarcinoma

		Total No. of cases	w/d	m/d	p/d	muc	sig	adenoca NOS
Colon	I	6	2	2	1	0	0	1
	V	3	0	1	0	2	0	0
	C	215	96	80	12	20	2	5
	A	333	168	99	33	19	2	12
	T	280	146	100	16	10	1	7
	D	165	93	56	4	6	1	5
	S	917	541	307	18	20	1	30
	NOS	0	0	0	0	0	0	0
Total		1,919	1,046	645	84	77	7	60
Rectum	Rs	395	245	133	7	5	0	5
	Ra	533	293	181	15	18	5	21
	Rb	856	470	300	29	31	2	24
	P	47	21	10	4	10	0	2
	E	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0
Total		1,831	1,029	624	55	64	7	52
Colon & Rectum		3,750	2,075	1,269	139	141	14	112

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	melanoma	leiomyo- blastoma	leiomyo- sarcoma	malignant lymphoma	others
Colon	I	0	0	0	0	0	0	0	0	0	0	0
	V	0	0	0	0	0	0	0	0	0	0	0
	C	4	1	0	0	0	0	0	0	0	3	0
	A	5	0	2	3	0	0	0	0	0	0	0
	T	5	0	1	2	0	1	0	0	0	1	0
	D	0	0	0	0	0	0	0	0	0	0	0
	S	4	0	1	1	0	0	0	0	0	0	2
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		18	1	4	6	0	1	0	0	0	4	2
Rectum	Rs	0	0	0	0	0	0	0	0	0	0	0
	Ra	4	0	0	2	1	0	0	0	0	0	1
	Rb	16	5	0	2	0	7	0	0	0	2	0
	P	12	8	1	0	1	0	0	0	0	0	2
	E	1	0	0	0	0	0	0	0	0	0	1
	NOS	0	0	0	0	0	0	0	0	0	0	0
Total		33	13	1	4	2	7	0	0	0	2	4
Colon & Rectum		51	14	5	10	2	8	0	0	0	6	6

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

7-1 Macroscopic operative curability

Male, Adenocarcinoma

		<u>Curative resection</u>			<u>Non-curative resection</u>		Not resected	Unknown
		Total	absolute	relative	relative	absolute		
Colon	I	4	2	0	0	1	1	0
	V	1	1	0	0	0	0	0
	C	114	65	14	6	24	3	2
	A	160	94	17	7	29	8	5
	T	168	90	28	10	27	5	8
	D	104	68	9	7	16	0	4
	S	505	299	64	19	110	6	7
	NOS	0	0	0	0	0	0	0
Total		1,056	619	132	49	207	23	26
Rectum	Rs	209	128	22	10	41	3	5
	Ra	322	205	41	15	45	10	6
	Rb	518	331	82	20	58	13	14
	P	23	11	3	1	4	2	2
	E	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0
Total		1,072	675	148	46	148	28	27
Colon & Rectum		2,128	1,294	280	95	355	51	53

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	2	0	0	1	0	1
	C	100	56	10	9	21	2
	A	171	91	23	9	40	4
	T	111	59	22	6	20	3
	D	58	28	8	3	13	4
	S	381	248	42	15	65	7
	NOS	0	0	0	0	0	0
Total		825	484	105	42	160	21
Rectum	Rs	180	117	21	8	26	4
	Ra	201	128	20	15	29	3
	Rb	332	210	55	13	38	8
	P	22	13	3	1	4	0
	E	0	0	0	0	0	0
	NOS	0	0	0	0	0	0
Total		735	468	99	37	97	15
Colon & Rectum		1,560	952	204	79	257	36

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	4	2	0	0	1	1	0
	V	1	1	0	0	0	0	0
	C	114	65	13	3	26	2	5
	A	160	97	17	5	27	6	8
	T	168	96	28	9	25	5	5
	D	104	71	9	7	12	0	5
	S	505	320	34	19	108	5	19
	NOS	0	0	0	0	0	0	0
Total		1,056	652	101	43	199	19	42
Rectum	Rs	209	130	26	9	37	3	4
	Ra	322	215	33	15	41	7	11
	Rb	518	337	61	24	63	9	24
	P	23	13	3	1	4	2	0
	E	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0
Total		1,072	695	123	49	145	21	39
Colon & Rectum		2,128	1,347	224	92	344	40	81

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	1	0	0	0	1
	V	2	0	0	1	0	1
	C	100	53	16	7	18	4
	A	171	95	20	10	37	7
	T	111	71	10	5	19	5
	D	58	33	5	3	12	3
	S	381	252	36	13	66	13
	NOS	0	0	0	0	0	0
Total		825	505	87	38	153	34
Rectum	Rs	180	118	16	5	29	8
	Ra	201	118	27	12	28	12
	Rb	332	212	53	13	37	9
	P	22	14	2	0	4	1
	E	0	0	0	0	0	0
	NOS	0	0	0	0	0	0
Total		735	462	98	30	98	30
Colon & Rectum		1,560	967	185	68	251	64

7-5 Histological operative curability

Endoscopic polypectomy, Adenocarcinoma

		<u>Curative resection</u>		<u>Non-curative resection</u>		<u>Not resected</u>	<u>Unknown</u>
		<u>Total</u>	<u>absolute</u>	<u>relative</u>	<u>relative</u>	<u>absolute</u>	
Colon	I	0	0	0	0	0	0
	V	0	0	0	0	0	0
	C	0	0	0	0	0	0
	A	2	1	0	0	0	1
	T	1	1	0	0	0	0
	D	3	1	0	0	0	2
	S	26	14	2	0	0	10
	NOS	0	0	0	0	0	0
Total		32	17	2	0	0	13
Rectum	Rs	4	1	0	0	0	3
	Ra	7	3	2	0	0	2
	Rb	4	2	0	0	0	2
	P	1	0	0	0	0	1
	E	0	0	0	0	0	0
	NOS	0	0	0	0	0	0
Total		16	6	2	0	0	8
Colon & Rectum		48	23	4	0	0	21

8 Hepatic metastasis

Adenocarcinoma, Surgical cases only

	Total	H0	H1	H2	H3	Unknown
Colon	I	6	6	0	0	0
	V	3	3	0	0	0
	C	214	190	7	8	7
	A	331	282	16	6	23
	T	279	244	16	4	15
	D	162	143	4	5	7
	S	886	727	38	39	67
	NOS	0	0	0	0	0
<hr/>						
Total		1,881	1,595	81	62	119
Rectum	Rs	389	329	21	14	21
	Ra	523	457	24	23	16
	Rb	850	770	28	21	17
	P	45	40	1	0	3
	E	0	0	0	0	0
	NOS	0	0	0	0	0
<hr/>						
Total		1,807	1,596	74	58	57
<hr/>						
Colon & Rectum		3,688	3,191	155	120	176
<hr/>						

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	6	5	0	1	0
	V	3	3	0	0	0
	C	214	172	10	14	15
	A	331	291	11	11	15
	T	279	246	15	11	5
	D	162	143	6	5	7
	S	886	810	26	19	26
	NOS	0	0	0	0	0
<hr/>						
Total	1,881	1,670	68	61	68	14
Rectum	Rs	389	355	15	7	5
	Ra	523	484	22	8	5
	Rb	850	799	11	6	2
	P	45	40	1	0	1
	E	0	0	0	0	0
	NOS	0	0	0	0	0
<hr/>						
Total	1,807	1,678	49	21	13	46
Colon & Rectum	3,688	3,348	117	82	81	60

P0: No evidence of peritoneal dissemination.

P1: Slight dissemination in the peritoneum adjacent to the primary lesion. (It seemed to be resectable.)

P2: Scattered dissemination in the peritoneum remote from the primary lesion.

Dissemination limited to the major omentum or to the ovarium is classified as P2.

P3: Marked dissemination in the remote peritoneum.

10 Metastasis to remote organ

Adenocarcinoma, Surgical cases only

		Total	M0	M1	Unknown
Colon	I	6	5	0	1
	V	3	3	0	0
	C	214	204	5	5
	A	331	308	9	14
	T	279	263	5	11
	D	162	154	2	6
	S	886	843	19	24
	NOS	0	0	0	0
Total		1,881	1,780	40	61
Rectum	Rs	389	368	11	10
	Ra	523	504	9	10
	Rb	850	821	13	16
	P	45	41	1	3
	E	0	0	0	0
	NOS	0	0	0	0
Total		1,807	1,734	34	39
Colon & Rectum		3,688	3,514	74	100

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	6	2	2	0	0	2
	V	3	2	0	1	0	0
	C	214	41	61	65	25	12
	A	331	57	105	91	42	16
	T	279	71	80	59	40	15
	D	162	50	51	38	9	7
	S	886	271	312	182	56	35
	NOS	0	0	0	0	0	0
<hr/>							
Total		1,881	494	611	436	172	87
Rectum	Rs	389	135	133	60	27	18
	Ra	523	193	177	95	24	17
	Rb	850	345	219	172	50	46
	P	45	15	7	9	6	4
	E	0	0	0	0	0	0
	NOS	0	0	0	0	0	0
<hr/>							
Total		1,807	688	536	336	107	85
<hr/>							
Colon & Rectum		3,688	1,182	1,147	772	279	172

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	6	3	1	0	0	0	2
	V	3	3	0	0	0	0	0
	C	214	97	44	23	18	4	28
	A	331	143	84	46	22	10	26
	T	279	140	52	28	24	5	30
	D	162	84	44	13	3	1	17
	S	886	465	186	115	28	12	80
	NOS	0	0	0	0	0	0	0
Total		1,881	935	411	225	95	32	183
Rectum	Rs	389	209	85	43	20	7	25
	Ra	523	266	125	71	16	7	38
	Rb	850	444	152	134	33	13	74
	P	45	20	4	12	2	1	6
	E	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0
Total		1,807	939	366	260	71	28	143
Colon & Rectum		3,688	1,874	777	485	166	60	326

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	6	0	1	0	1	2	0	2
	V	3	0	0	0	0	1	2	0
	C	214	7	0	10	35	91	52	19
	A	331	4	5	9	80	141	63	29
	T	279	6	7	4	55	122	61	24
	D	162	3	1	10	29	80	29	10
	S	886	22	46	55	166	383	144	70
	NOS	0	0	0	0	0	0	0	0
Total		1,881	42	60	88	366	820	351	154
Rectum	Rs	389	8	15	35	52	188	51	40
	Ra	523	14	23	41	107	216	74	48
	Rb	850	30	60	115	203	245	144	53
	P	45	1	2	5	6	14	11	6
	E	0	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0	0
Total		1,807	53	100	196	368	663	280	147
Colon & Rectum		3,688	95	160	284	734	1,483	631	301

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	6	0	2	0	1	2	0	1
	V	3	0	0	0	0	1	2	0
	C	214	7	3	13	66	91	24	10
	A	331	4	7	9	126	140	29	16
	T	279	8	8	9	118	93	34	9
	D	162	2	1	16	63	67	5	8
	S	886	32	52	80	341	300	60	21
	NOS	0	0	0	0	0	0	0	0
Total		1,881	53	73	127	715	694	154	65
Rectum	Rs	389	16	11	45	137	145	25	10
	Ra	523	15	29	61	163	191	34	30
	Rb	850	42	62	187	183	279	62	35
	P	45	1	1	10	1	22	6	4
	E	0	0	0	0	0	0	0	0
	NOS	0	0	0	0	0	0	0	0
Total		1,807	74	103	303	484	637	127	79
Colon & Rectum		3,688	127	176	430	1,199	1,331	281	144

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	12		appendectomy	0
Enterostomy			ileocecal resection	51
ileum	1		ascending colectomy	10
right colon	2		right colectomy	581
transverse colon	10		transversectomy	114
left colon	38		descending colectomy	40
unknown	0		left colectomy	172
Intestinal by-pass	20		sigmoidectomy	661
others	4		subtotal colectomy	5
			total colectomy	12
			total resection of the colon and rectum	5
			<u>Operation on the rectum</u>	
<u>Polypectomy</u>			<i>sphincter-preserving operation</i>	
trans-abdominal	5		high anterior resection	251
trans-anal	24		low anterior resection	605
trans-sacral	4		posterior resection	2
trans-sphincteric	4		invagination method	9
			pull-through procedure	23
<u>Tumorectomy</u>			abdominosacral resection	5
trans-abdominal	5		Hartmann's	106
trans-anal	19		<i>amputation of the rectum</i>	
trans-sacral	7		abdominoperineal	811
trans-sphincteric	3		abdominosacral	19
			sacroabdominal	3
			total pelvic exenteration	24
			<u>Others</u>	19
			<u>Unknown</u>	2
			<u>Total</u>	<u>3,688</u>

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	1,881		1,157		188		81		352		27		76	
	No. of operative deaths	34	1.8	10	0.9	6	3.2	1	1.2	8	2.3	7	25.9	2	2.6
Rectum	No. of operations	1,807		1,157		221		79		243		38		69	
	No. of operative deaths	21	1.2	14	1.2	3	1.4	0		3	1.2	1	2.6	0	

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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	18		4		1		2		6		2		3	
	No. of operative deaths	1	5.6	0		0		0		0		0		1	33.3
Rectum	No. of operations	31		11		6		3		8		1		2	
	No. of operative deaths	1	3.2	0		0		0		0		0		1	50.0

15-3 Operative mortality by site of the tumor

		Adenocarcinoma			Other malignancies		
		No. of	Operative		No. of	Operative	
		Operations	deaths	%	Operations	deaths	%
Colon	I	6	1	16.7	0	0	
	V	3	0		0	0	
	C	214	5	2.3	4	0	
	A	331	7	2.1	5	1	20.0
	T	279	6	2.2	5	0	
	D	162	1	0.6	0	0	
	S	886	14	1.6	4	0	
	NOS	0	0		0	0	
Total		1,881	34	1.8	18	1	5.6
Rectum	Rs	389	5	1.3	0	0	
	Ra	523	8	1.5	4	0	
	Rb	850	8	0.9	15	0	
	P	45	0		11	1	
	E	0	0		1	0	
	NOS	0	0		0	0	
Total		1,807	21	1.2	31	1	3.2
Colon & Rectum		3,688	55	1.5	49	2	4.1

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	0	0
Laparotomy only	12	0		ileocecal resection	51	2 3.9
Enterostomy				ascending colectomy	10	0
ileum	1	0		right colectomy	581	8 1.4
right colon	2	1 50.0		transversectomy	114	3 2.6
transverse colon	10	1 10.0		descending colectomy	40	0
left colon	38	1 2.6		left colectomy	172	2 1.2
unknown	0	0		sigmoidectomy	661	6 0.9
Intestinal by-pass	20	3 15.0		sub total colectomy	5	0
others	4	1 25.0		total colectomy	12	1 8.3
				total resection of the colon and re	5	0
<u>Polypectomy</u>				<u>Operation on the rectum</u>		
trans-abdominal	5	0		<i>sphincter-preserving operation</i>		
trans-anal	24	0		high anterior resection	251	5 2.0
trans-sacral	4	0		low anterior resection	605	6 1.0
trans-sphincteric	4	0		posterior resection	2	0
				invagination method	9	0
<u>Tumorectomy</u>				pull-through procedure	23	0
trans-abdominal	5	1 20.0		abdominosacral resection	5	0
trans-anal	19	0		Hartmann's	106	5 4.7
trans-sacral	7	0		<i>amputation of the rectum</i>		
trans-sphincteric	3	0		abdominoperineal	811	9 1.1
				abdominosacral	19	0
				sacroabdominal	3	0
				total pelvic exenteration	24	0
				<u>Others</u>		
				Unknown	2	0
				Total	3,688	55 1.5

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	1,017	178	30	0	82.2 ± 2.4	(84.7 - 79.8)
	1 - 2	809	110	12	0	71.0 ± 2.9	(73.9 - 68.1)
	2 - 3	687	54	18	0	65.3 ± 3.0	(68.4 - 62.3)
	3 - 4	615	44	25	0	60.5 ± 3.1	(63.7 - 57.4)
	4 - 5	546	38	31	0	56.2 ± 3.2	(59.4 - 53.0)
	5 -	477			477		
	TOTAL	1,017	424	116	477		
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	800	136	25	0	82.7 ± 2.7	(85.4 - 80.0)
	1 - 2	639	86	9	0	71.5 ± 3.2	(74.8 - 68.3)
	2 - 3	544	34	13	0	67.0 ± 3.4	(70.4 - 63.6)
	3 - 4	497	24	21	0	63.7 ± 3.5	(67.2 - 60.2)
	4 - 5	452	29	24	0	59.5 ± 3.6	(63.1 - 55.9)
	5 -	399			399		
	TOTAL	800	309	92	399		
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	1,053	111	17	0	89.4 ± 1.9	(91.3 - 87.5)
	1 - 2	925	153	14	0	74.5 ± 2.7	(77.2 - 71.8)
	2 - 3	758	91	20	0	65.4 ± 3.0	(68.4 - 62.4)
	3 - 4	647	42	17	0	61.1 ± 3.1	(64.2 - 58.1)
	4 - 5	588	41	28	0	56.7 ± 3.1	(59.9 - 53.6)
	5 -	519			519		
	TOTAL	1,053	438	96	519		
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	715	82	11	0	88.4 ± 2.4	(90.8 - 86.0)
	1 - 2	622	74	8	0	77.9 ± 3.1	(81.0 - 74.7)
	2 - 3	540	52	20	0	70.2 ± 3.5	(73.7 - 66.7)
	3 - 4	468	29	22	0	65.8 ± 3.6	(69.4 - 62.1)
	4 - 5	417	27	13	0	61.4 ± 3.7	(65.2 - 57.7)
	5 -	377			377		
	TOTAL	715	264	74	377		

16-2 Cumulative survival rate by sex

Malignant neoplasms other than adenocarcinoma

Colon, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	4	1	0	46.7 ± 36.4	(83.1 - 10.2)
	1 - 2	3	0	0	0	46.7 ± 36.4	(83.1 - 10.2)
	2 - 3	3	0	0	0	46.7 ± 36.4	(83.1 - 10.2)
	3 - 4	3	0	0	0	46.7 ± 36.4	(83.1 - 10.2)
	4 - 5	3	0	0	0	46.7 ± 36.4	(83.1 - 10.2)
	5 -	3			3		
	TOTAL	8	4	1	3		
Colon, female	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	10	5	0	0	50.0 ± 31.6	(81.6 - 18.4)
	1 - 2	5	2	0	0	30.0 ± 29.0	(59.0 - 1.0)
	2 - 3	3	0	0	0	30.0 ± 29.0	(59.0 - 1.0)
	3 - 4	3	0	0	0	30.0 ± 29.0	(59.0 - 1.0)
	4 - 5	3	0	1	0	30.0 ± 29.0	(59.0 - 1.0)
	5 -	2			2		
	TOTAL	10	7	1	2		
Rectum, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	16	4	0	0	75.0 ± 21.7	(96.7 - 53.3)
	1 - 2	12	0	0	0	75.0 ± 21.7	(96.7 - 53.3)
	2 - 3	12	1	0	0	68.8 ± 23.2	(91.9 - 45.6)
	3 - 4	11	2	0	0	56.3 ± 24.8	(81.1 - 31.4)
	4 - 5	9	0	0	0	56.3 ± 24.8	(81.1 - 31.4)
	5 -	9			9		
	TOTAL	16	7	0	9		
Rectum, female	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	15	3	0	0	80.0 ± 20.7	(100.7 - 59.3)
	1 - 2	12	3	0	0	60.0 ± 25.3	(85.3 - 34.7)
	2 - 3	9	0	0	0	60.0 ± 25.3	(85.3 - 34.7)
	3 - 4	9	0	0	0	60.0 ± 25.3	(85.3 - 34.7)
	4 - 5	9	0	2	0	60.0 ± 25.3	(85.3 - 34.7)
	5 -	7			7		
	TOTAL	15	6	2	7		

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 FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	599	29	18	0	95.1 ± 1.8	(96.9 - 93.3)
	1 - 2	552	37	5	0	88.7 ± 2.6	(91.3 - 86.1)
	2 - 3	510	20	15	0	85.2 ± 3.0	(88.1 - 82.2)
	3 - 4	475	27	17	0	80.2 ± 3.3	(83.6 - 76.9)
	4 - 5	431	28	22	0	74.9 ± 3.7	(78.6 - 71.2)
	5 -	381			381		
	TOTAL	599	141	77	381		
Relative curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	128	19	4	0	84.9 ± 6.4	(91.3 - 78.5)
	1 - 2	105	17	2	0	71.0 ± 8.1	(79.2 - 62.9)
	2 - 3	86	11	3	0	61.8 ± 8.8	(70.6 - 53.0)
	3 - 4	72	3	8	0	59.1 ± 8.9	(68.0 - 50.1)
	4 - 5	61	7	5	0	52.0 ± 9.3	(61.3 - 42.7)
	5 -	49			49		
	TOTAL	128	57	22	49		
Relative non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	48	7	1	0	85.3 ± 10.3	(95.5 - 75.0)
	1 - 2	40	2	1	0	80.9 ± 11.4	(92.4 - 69.5)
	2 - 3	37	9	0	0	61.3 ± 14.3	(75.6 - 46.9)
	3 - 4	28	5	0	0	50.3 ± 14.7	(65.1 - 35.6)
	4 - 5	23	2	1	0	45.8 ± 14.7	(60.6 - 31.1)
	5 -	20			20		
	TOTAL	48	25	3	20		
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	198	103	4	0	47.4 ± 7.1	(54.6 - 40.3)
	1 - 2	91	48	4	0	21.9 ± 6.0	(27.9 - 15.9)
	2 - 3	39	12	0	0	15.1 ± 5.3	(20.4 - 9.9)
	3 - 4	27	7	0	0	11.2 ± 4.7	(15.9 - 6.6)
	4 - 5	20	1	1	0	10.6 ± 4.6	(15.2 - 6.1)
	5 -	18			18		
	TOTAL	198	171	9	18		
Not resected	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	33	19	2	0	40.6 ± 17.4	(58.0 - 23.3)
	1 - 2	12	5	0	0	23.7 ± 15.4	(39.1 - 8.3)
	2 - 3	7	1	0	0	20.3 ± 14.6	(34.9 - 5.7)
	3 - 4	6	1	0	0	16.9 ± 13.6	(30.6 - 3.3)
	4 - 5	5	0	1	0	16.9 ± 13.6	(30.6 - 3.3)
	5 -	4			4		
	TOTAL	33	26	3	4		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	466	19	13	0	95.9 ± 1.9	(97.7 - 94.0)
	1 - 2	434	25	8	0	90.3 ± 2.8	(93.1 - 87.5)
	2 - 3	401	14	7	0	87.1 ± 3.2	(90.3 - 84.0)
	3 - 4	380	12	10	0	84.3 ± 3.4	(87.8 - 80.9)
	4 - 5	358	16	14	0	80.5 ± 3.8	(84.3 - 76.7)
	5 -	328			328		
	TOTAL	466	86	52	328		
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	102	7	5	0	93.0 ± 5.1	(98.1 - 87.8)
	1 - 2	90	17	1	0	75.3 ± 8.8	(84.1 - 66.5)
	2 - 3	72	4	3	0	71.0 ± 9.2	(80.3 - 61.8)
	3 - 4	65	4	7	0	66.4 ± 9.7	(76.1 - 56.7)
	4 - 5	54	4	5	0	61.3 ± 10.3	(71.5 - 51.0)
	5 -	45			45		
	TOTAL	102	36	21	45		
Relative non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	42	6	0	0	85.7 ± 10.8	(96.5 - 74.9)
	1 - 2	36	14	0	0	52.4 ± 15.4	(67.8 - 37.0)
	2 - 3	22	2	1	0	47.5 ± 15.4	(63.0 - 32.1)
	3 - 4	19	3	1	0	39.8 ± 15.3	(55.1 - 24.5)
	4 - 5	15	3	1	0	31.6 ± 14.8	(46.4 - 16.8)
	5 -	11			11		
	TOTAL	42	28	3	11		
Absolute non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	156	91	4	0	40.9 ± 7.9	(48.8 - 33.0)
	1 - 2	61	29	0	0	21.5 ± 6.7	(28.1 - 14.8)
	2 - 3	32	10	1	0	14.6 ± 5.8	(20.4 - 8.9)
	3 - 4	21	4	1	0	11.8 ± 5.3	(17.1 - 6.5)
	4 - 5	16	5	3	0	7.7 ± 4.6	(12.3 - 3.2)
	5 -	8			8		
	TOTAL	156	139	9	8		
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	22	12	3	0	41.5 ± 21.8	(63.2 - 19.7)
	1 - 2	7	0	0	0	41.5 ± 21.8	(63.2 - 19.7)
	2 - 3	7	1	0	0	35.5 ± 21.6	(57.2 - 13.9)
	3 - 4	6	1	1	0	29.1 ± 21.2	(50.3 - 7.9)
	4 - 5	4	1	0	0	21.8 ± 20.3	(42.1 - 1.5)
	5 -	3			3		
	TOTAL	22	15	4	3		

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	664	35	9	0	94.7 ± 1.7	(96.4 - 92.9)
	1 - 2	620	52	8	0	86.7 ± 2.7	(89.4 - 84.0)
	2 - 3	560	51	13	0	78.7 ± 3.2	(81.9 - 75.5)
	3 - 4	496	28	12	0	74.2 ± 3.5	(77.7 - 70.8)
	4 - 5	456	25	21	0	70.0 ± 3.6	(73.7 - 66.4)
	5 -	410			410		
	TOTAL	664	191	63	410		
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	144	12	2	0	91.6 ± 4.6	(96.2 - 87.0)
	1 - 2	130	20	2	0	77.4 ± 7.0	(84.4 - 70.4)
	2 - 3	108	18	2	0	64.4 ± 8.1	(72.5 - 56.3)
	3 - 4	88	5	4	0	60.6 ± 8.3	(68.9 - 52.4)
	4 - 5	79	9	2	0	53.6 ± 8.5	(62.2 - 45.1)
	5 -	68			68		
	TOTAL	144	64	12	68		
Relative non-curative resection	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	46	6	2	0	86.7 ± 10.1	(96.8 - 76.5)
	1 - 2	38	13	1	0	56.6 ± 15.0	(71.6 - 41.6)
	2 - 3	24	6	1	0	42.2 ± 15.1	(57.3 - 27.0)
	3 - 4	17	2	0	0	37.2 ± 14.9	(52.1 - 22.3)
	4 - 5	15	1	3	0	34.4 ± 14.8	(49.2 - 19.7)
	5 -	11			11		
	TOTAL	46	28	7	11		
Absolute non-curative resection	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	144	36	1	0	74.9 ± 7.2	(82.2 - 67.7)
	1 - 2	107	56	2	0	35.3 ± 8.0	(43.4 - 27.3)
	2 - 3	49	15	3	0	24.2 ± 7.3	(31.4 - 16.9)
	3 - 4	31	6	0	0	19.5 ± 6.8	(26.3 - 12.7)
	4 - 5	25	5	2	0	15.4 ± 6.3	(21.7 - 9.2)
	5 -	18			18		
	TOTAL	144	118	8	18		
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	22	1	0	42.9 ± 16.0	(58.8 - 26.9)
	1 - 2	16	10	1	0	15.2 ± 11.9	(27.1 - 3.4)
	2 - 3	5	1	0	0	12.2 ± 10.9	(23.1 - 1.2)
	3 - 4	4	0	1	0	12.2 ± 10.9	(23.1 - 1.2)
	4 - 5	3	0	0	0	12.2 ± 10.9	(23.1 - 1.2)
	5 -	3			3		
	TOTAL	39	33	3	3		

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	458	11	7	0	97.6 ± 1.4	(99.0 - 96.1)
	1 - 2	440	22	4	0	92.7 ± 2.5	(95.1 - 90.2)
	2 - 3	414	29	14	0	86.1 ± 3.3	(89.4 - 82.8)
	3 - 4	371	16	18	0	82.3 ± 3.6	(85.9 - 78.6)
	4 - 5	337	18	10	0	77.8 ± 4.0	(81.8 - 73.8)
	5 -	309			309		
	TOTAL	458	96	53	309		
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	95	11	1	0	88.4 ± 6.6	(95.0 - 81.8)
	1 - 2	83	16	2	0	71.1 ± 9.4	(80.5 - 61.7)
	2 - 3	65	10	3	0	59.9 ± 10.2	(70.2 - 49.7)
	3 - 4	52	4	2	0	55.2 ± 10.5	(65.7 - 44.8)
	4 - 5	46	2	1	0	52.8 ± 10.5	(63.3 - 42.2)
	5 -	43			43		
	TOTAL	95	43	9	43		
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	35	6	0	0	82.9 ± 12.7	(95.6 - 70.1)
	1 - 2	29	9	0	0	57.1 ± 16.7	(73.9 - 40.4)
	2 - 3	20	3	1	0	48.4 ± 17.0	(65.3 - 31.4)
	3 - 4	16	4	1	0	35.9 ± 16.5	(52.4 - 19.3)
	4 - 5	11	3	1	0	25.6 ± 15.5	(41.1 - 10.1)
	5 -	7			7		
	TOTAL	35	25	3	7		
Absolute non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	96	39	2	0	58.9 ± 10.1	(69.0 - 48.9)
	1 - 2	55	24	2	0	32.7 ± 9.7	(42.5 - 23.0)
	2 - 3	29	9	0	0	22.6 ± 8.8	(31.4 - 13.8)
	3 - 4	20	3	0	0	19.2 ± 8.3	(27.5 - 10.9)
	4 - 5	17	3	1	0	15.7 ± 7.7	(23.4 - 8.0)
	5 -	13			13		
	TOTAL	96	78	5	13		
Not resected	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	24	14	1	0	40.4 ± 20.2	(60.7 - 20.2)
	1 - 2	9	3	0	0	27.0 ± 18.5	(45.5 - 8.4)
	2 - 3	6	1	1	0	22.1 ± 17.6	(39.6 - 4.5)
	3 - 4	4	1	1	0	15.8 ± 16.5	(32.2 - -0.7)
	4 - 5	2	1	0	0	7.9 ± 13.8	(21.7 - -6.0)
	5 -	1			1		
	TOTAL	24	20	3	1		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE		GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	-----	-----	-----
	0 - 1	632	35	20	0	94.4 ± 1.8	(96.2 - 92.5)	
	1 - 2	577	36	4	0	88.5 ± 2.6	(91.0 - 85.9)	
	2 - 3	537	26	17	0	84.1 ± 3.0	(87.1 - 81.2)	
	3 - 4	494	29	17	0	79.1 ± 3.3	(82.4 - 75.8)	
	4 - 5	448	31	19	0	73.5 ± 3.6	(77.1 - 69.9)	
	5 -	398			398			
	-----	-----	-----	-----	-----	-----	-----	-----
	TOTAL	632	157	77	398			

Relative curative resection	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	97	14	2	0	85.4 ± 7.2	(92.6 - 78.2)
1 - 2	81	16	1	0	68.4 ± 9.5	(78.0 - 58.9)
2 - 3	64	9	1	0	58.7 ± 10.1	(68.9 - 48.6)
3 - 4	54	4	6	0	54.1 ± 10.3	(64.5 - 43.8)
4 - 5	44	3	10	0	50.0 ± 10.6	(60.6 - 39.4)
5 -	31			31		
TOTAL	97	46	20	31		

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		43	7	2	0	83.3 ± 11.5	(94.8 - 71.8)
1 - 2		34	3	1	0	75.9 ± 13.3	(89.2 - 62.6)
2 - 3		30	6	0	0	60.7 ± 15.4	(76.1 - 45.3)
3 - 4		24	4	1	0	50.4 ± 15.9	(66.2 - 34.5)
4 - 5		19	3	0	0	42.4 ± 15.8	(58.2 - 26.6)
5 -		16			16		
TOTAL		13	23	4	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	188	102	4	0	45.2 ± 7.3	(52.5 - 37.9)
	1 - 2	82	49	4	0	17.5 ± 5.7	(23.2 - 11.8)
	2 - 3	29	10	0	0	11.5 ± 4.8	(16.3 - 6.6)
	3 - 4	19	5	0	0	8.4 ± 4.2	(12.7 - 4.2)
	4 - 5	14	1	1	0	7.8 ± 4.1	(11.9 - 3.7)
	5 -	12			12		
	TOTAL	188	167	9	12		

Not resected	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	41	19	2	0	52.5 ± 15.8	(68.3 - 36.7)
	1 - 2	20	3	2	0	44.2 ± 15.9	(60.1 - 28.3)
	2 - 3	15	1	0	0	41.3 ± 15.9	(57.2 - 25.3)
	3 - 4	14	0	1	0	41.3 ± 15.9	(57.2 - 25.3)
	4 - 5	13	0	0	0	41.3 ± 15.9	(57.2 - 25.3)
	5 -	13			13		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	41	23	5	13		

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	487	18	14	0	96.3 ± 1.7	(98.0 - 94.5)
	1 - 2	455	29	8	0	90.1 ± 2.8	(92.8 - 87.3)
	2 - 3	418	15	9	0	86.8 ± 3.1	(89.9 - 83.7)
	3 - 4	394	13	13	0	83.9 ± 3.4	(87.3 - 80.5)
	4 - 5	368	13	13	0	80.9 ± 3.7	(84.5 - 77.2)
	5 -	342			342		
	TOTAL	487	88	57	342		
Relative curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	84	8	5	0	90.2 ± 6.6	(96.8 - 83.6)
	1 - 2	71	12	1	0	74.8 ± 9.8	(84.6 - 65.1)
	2 - 3	58	4	2	0	69.6 ± 10.4	(80.0 - 59.2)
	3 - 4	52	4	6	0	63.9 ± 11.0	(74.9 - 52.9)
	4 - 5	42	6	7	0	53.9 ± 11.9	(65.8 - 42.0)
	5 -	29			29		
	TOTAL	84	34	21	29		
Relative non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	38	6	1	0	84.0 ± 12.0	(96.0 - 72.0)
	1 - 2	31	9	0	0	59.6 ± 16.1	(75.7 - 43.5)
	2 - 3	22	2	1	0	54.1 ± 16.4	(70.5 - 37.7)
	3 - 4	19	3	0	0	45.5 ± 16.5	(62.1 - 29.0)
	4 - 5	16	5	1	0	30.8 ± 15.6	(46.4 - 15.3)
	5 -	10			10		
	TOTAL	38	25	3	10		
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	150	90	3	0	39.4 ± 8.0	(47.4 - 31.4)
	1 - 2	57	30	0	0	18.7 ± 6.4	(25.1 - 12.2)
	2 - 3	27	10	1	0	11.6 ± 5.3	(17.0 - 6.3)
	3 - 4	16	2	1	0	10.1 ± 5.1	(15.2 - 5.1)
	4 - 5	13	3	2	0	7.6 ± 4.6	(12.1 - 3.0)
	5 -	8			8		
	TOTAL	150	135	7	8		
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	25	12	2	0	50.0 ± 20.4	(70.4 - 29.6)
	1 - 2	11	3	0	0	36.4 ± 20.0	(56.4 - 16.3)
	2 - 3	8	0	0	0	36.4 ± 20.0	(56.4 - 16.3)
	3 - 4	8	1	0	0	31.8 ± 19.5	(51.3 - 12.3)
	4 - 5	7	1	1	0	26.9 ± 18.8	(45.7 - 8.1)
	5 -	5			5		
	TOTAL	25	17	3	5		

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	683	34	6	0	95.0 ± 1.7	(96.7 - 93.3)
1 - 2	643	51	8	0	87.4 ± 2.6	(90.0 - 84.9)
2 - 3	584	52	12	0	79.6 ± 3.1	(82.7 - 76.4)
3 - 4	520	28	14	0	75.2 ± 3.4	(78.6 - 71.9)
4 - 5	478	27	17	0	70.9 ± 3.5	(74.4 - 67.3)
5 -	434			434		
TOTAL	683	192	57	434		

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	120	8	6	0	93.2 ± 4.7	(97.8 - 88.5)
1 - 2	106	24	2	0	71.9 ± 8.4	(80.3 - 63.4)
2 - 3	80	12	2	0	61.0 ± 9.2	(70.2 - 51.7)
3 - 4	66	4	3	0	57.2 ± 9.4	(66.6 - 47.8)
4 - 5	59	5	8	0	52.0 ± 9.6	(61.6 - 42.4)
5 -	46			46		
TOTAL	120	53	21	46		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	49	9	0	0	81.6 ± 11.1	(92.7 - 70.6)
1 - 2	40	14	1	0	52.7 ± 14.3	(67.0 - 38.4)
2 - 3	25	7	2	0	37.3 ± 14.1	(51.4 - 23.2)
3 - 4	16	3	0	0	30.3 ± 13.6	(43.9 - 16.8)
4 - 5	13	2	1	0	25.5 ± 13.0	(38.5 - 12.5)
5 -	10			10		
TOTAL	49	35	4	10		

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	142	39	1	0	72.4 ± 7.5	(80.0 - 64.9)
1 - 2	102	51	3	0	35.7 ± 8.1	(43.8 - 27.6)
2 - 3	48	17	4	0	22.5 ± 7.2	(29.7 - 15.3)
3 - 4	27	7	0	0	16.7 ± 6.6	(23.2 - 10.1)
4 - 5	20	5	2	0	12.3 ± 5.9	(18.2 - 6.4)
5 -	13			13		
TOTAL	142	119	10	13		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	47	21	2	0	54.3 ± 14.7	(69.0 - 39.7)
1 - 2	24	11	0	0	29.4 ± 13.6	(43.1 - 15.8)
2 - 3	13	2	0	0	24.9 ± 12.9	(37.9 - 12.0)
3 - 4	11	0	0	0	24.9 ± 12.9	(37.9 - 12.0)
4 - 5	11	1	0	0	22.6 ± 12.5	(35.2 - 10.1)
5 -	10			10		
TOTAL	47	35	2	10		

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 FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	452	14	7	0	96.9 ± 1.6	(98.5 - 95.2)
	1 - 2	431	22	4	0	91.9 ± 2.6	(94.5 - 89.3)
	2 - 3	405	29	16	0	85.2 ± 3.4	(88.6 - 81.8)
	3 - 4	360	16	13	0	81.3 ± 3.7	(85.1 - 77.6)
	4 - 5	331	14	8	0	77.9 ± 4.0	(81.9 - 73.8)
	5 -	309			309		
	TOTAL	452	95	48	309		
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	95	8	2	0	91.5 ± 5.8	(97.2 - 85.7)
	1 - 2	85	16	0	0	74.3 ± 9.1	(83.3 - 65.2)
	2 - 3	69	9	3	0	64.4 ± 10.0	(74.3 - 54.4)
	3 - 4	57	5	6	0	58.4 ± 10.4	(68.8 - 48.0)
	4 - 5	46	5	2	0	51.9 ± 10.7	(62.6 - 41.2)
	5 -	39			39		
	TOTAL	95	43	13	39		
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	29	2	0	0	93.1 ± 9.4	(102.5 - 83.7)
	1 - 2	27	6	0	0	72.4 ± 16.6	(89.0 - 55.8)
	2 - 3	21	3	1	0	61.8 ± 18.1	(79.9 - 43.7)
	3 - 4	17	2	1	0	54.3 ± 18.8	(73.1 - 35.6)
	4 - 5	14	1	1	0	50.3 ± 19.0	(69.3 - 31.3)
	5 -	12			12		
	TOTAL	29	14	3	12		
Absolute non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	97	41	1	0	57.5 ± 10.1	(67.6 - 47.4)
	1 - 2	55	26	2	0	29.8 ± 9.4	(39.2 - 20.4)
	2 - 3	27	11	0	0	17.7 ± 7.9	(25.6 - 9.7)
	3 - 4	16	3	1	0	14.3 ± 7.3	(21.6 - 6.9)
	4 - 5	12	5	2	0	7.8 ± 5.8	(13.6 - 1.9)
	5 -	5			5		
	TOTAL	97	86	6	5		
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	29	16	0	0	44.8 ± 18.5	(63.3 - 26.4)
	1 - 2	13	3	2	0	33.6 ± 17.8	(51.4 - 15.8)
	2 - 3	8	0	0	0	33.6 ± 17.8	(51.4 - 15.8)
	3 - 4	8	0	1	0	33.6 ± 17.8	(51.4 - 15.8)
	4 - 5	7	1	0	0	28.8 ± 17.7	(46.5 - 11.1)
	5 -	6			6		
	TOTAL	29	20	3	6		

18-1 Cumulative survival rate by degree of hepatic metastasis

Colon, Adenocarcinoma

H0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,541	158	50	0	89.6 ± 1.6	(91.1 - 88.0)
	1 - 2	1,333	140	18	0	80.1 ± 2.1	(82.2 - 78.0)
	2 - 3	1,175	74	29	0	75.0 ± 2.2	(77.2 - 72.7)
	3 - 4	1,072	60	45	0	70.7 ± 2.4	(73.1 - 68.3)
	4 - 5	967	60	52	0	66.2 ± 2.5	(68.7 - 63.7)
	5 -	855			855		
	TOTAL	1,541	492	194	855		
H1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	79	26	0	0	67.1 ± 10.6	(77.7 - 56.5)
	1 - 2	53	21	3	0	39.7 ± 11.1	(50.9 - 28.6)
	2 - 3	29	5	1	0	32.8 ± 10.8	(43.5 - 22.0)
	3 - 4	23	5	0	0	25.6 ± 10.1	(35.8 - 15.5)
	4 - 5	18	4	1	0	19.8 ± 9.4	(29.1 - 10.4)
	5 -	13			13		
	TOTAL	79	61	5	13		
H2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	61	35	1	0	42.1 ± 12.7	(54.8 - 29.5)
	1 - 2	25	11	0	0	23.6 ± 11.0	(34.6 - 12.6)
	2 - 3	14	6	0	0	13.5 ± 8.9	(22.3 - 4.6)
	3 - 4	8	1	0	0	11.8 ± 8.4	(20.2 - 3.4)
	4 - 5	7	3	0	0	6.7 ± 6.5	(13.2 - 0.2)
	5 -	4			4		
	TOTAL	61	56	1	4		
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	114	87	3	0	22.7 ± 7.9	(30.6 - 14.8)
	1 - 2	24	21	0	0	2.8 ± 3.2	(6.0 - -0.4)
	2 - 3	3	3	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	114	111	3	0		

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	1,558	119	22	0	92.3 ± 1.4	(93.7 - 91.0)
	1 - 2	1,417	158	19	0	81.9 ± 2.0	(83.9 - 80.0)
	2 - 3	1,240	128	39	0	73.4 ± 2.3	(75.6 - 71.1)
	3 - 4	1,073	61	39	0	69.1 ± 2.4	(71.5 - 66.7)
	4 - 5	973	64	39	0	64.5 ± 2.5	(67.0 - 62.0)
	5 -	870			870		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,558	530	158	870		
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	74	18	0	0	75.7 ± 10.0	(85.7 - 65.7)
	1 - 2	56	24	1	0	43.0 ± 11.5	(54.5 - 31.4)
	2 - 3	31	11	0	0	27.7 ± 10.5	(38.2 - 17.2)
	3 - 4	20	4	0	0	22.2 ± 9.7	(31.9 - 12.4)
	4 - 5	16	2	1	0	19.3 ± 9.3	(28.6 - 10.0)
	5 -	13			13		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	74	59	2	13		
H2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	58	20	1	0	65.2 ± 12.6	(77.8 - 52.7)
	1 - 2	37	24	2	0	21.7 ± 11.1	(32.8 - 10.7)
	2 - 3	11	3	1	0	15.5 ± 10.0	(25.5 - 5.6)
	3 - 4	7	2	0	0	11.1 ± 8.9	(20.0 - 2.2)
	4 - 5	5	2	1	0	6.2 ± 7.2	(13.3 - -1.0)
	5 -	2			2		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	58	51	5	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	56	33	2	0	40.0 ± 13.2	(53.2 - 26.8)
	1 - 2	21	18	0	0	5.7 ± 6.4	(12.1 - -0.7)
	2 - 3	3	0	0	0	5.7 ± 6.4	(12.1 - -0.7)
	3 - 4	3	1	0	0	3.8 ± 5.3	(9.1 - -1.5)
	4 - 5	2	0	0	0	3.8 ± 5.3	(9.1 - -1.5)
	5 -	2			2		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	56	52	2	2		

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	1,613	197	50	0	87.6 ± 1.7	(89.2 - 85.9)
	1 - 2	1,366	158	21	0	77.4 ± 2.1	(79.5 - 75.3)
	2 - 3	1,187	78	30	0	72.2 ± 2.3	(74.5 - 70.0)
	3 - 4	1,079	63	46	0	67.9 ± 2.4	(70.3 - 65.5)
	4 - 5	970	65	50	0	63.3 ± 2.5	(65.7 - 60.8)
	5 -	855			855		
	TOTAL	1,613	561	197	855		
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	67	28	1	0	57.9 ± 12.1	(70.0 - 45.8)
	1 - 2	38	14	0	0	36.6 ± 11.9	(48.4 - 24.7)
	2 - 3	24	4	0	0	30.5 ± 11.3	(41.8 - 19.1)
	3 - 4	20	1	0	0	28.9 ± 11.2	(40.1 - 17.8)
	4 - 5	19	1	1	0	27.4 ± 11.0	(38.4 - 16.4)
	5 -	17			17		
	TOTAL	67	48	2	17		
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	57	35	0	0	38.6 ± 12.9	(51.5 - 25.7)
	1 - 2	22	14	0	0	14.0 ± 9.2	(23.2 - 4.8)
	2 - 3	8	1	0	0	12.3 ± 8.7	(21.0 - 3.6)
	3 - 4	7	3	0	0	7.0 ± 6.8	(13.8 - 0.3)
	4 - 5	4	1	2	0	4.7 ± 5.9	(10.6 - -1.2)
	5 -	1			1		
	TOTAL	57	54	2	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	67	52	3	0	20.6 ± 10.0	(30.6 - 10.6)
	1 - 2	12	8	0	0	6.9 ± 6.5	(13.4 - 0.3)
	2 - 3	4	3	0	0	1.7 ± 3.4	(5.1 - -1.7)
	3 - 4	1	0	0	0	1.7 ± 3.4	(5.1 - -1.7)
	4 - 5	1	0	0	0	1.7 ± 3.4	(5.1 - -1.7)
	5 -	1			1		
	TOTAL	67	63	3	1		

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	1,642	139	25	0	91.5 ± 1.4	(92.9 - 90.1)
	1 - 2	1,478	204	21	0	78.8 ± 2.0	(80.8 - 76.7)
	2 - 3	1,253	136	39	0	70.1 ± 2.3	(72.4 - 67.8)
	3 - 4	1,078	65	38	0	65.8 ± 2.4	(68.2 - 63.4)
	4 - 5	975	68	40	0	61.1 ± 2.5	(63.6 - 58.6)
	5 -	867			867		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,642	612	163	867		
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	48	23	0	0	52.1 ± 14.4	(66.5 - 37.7)
	1 - 2	25	11	1	0	28.7 ± 13.1	(41.8 - 15.6)
	2 - 3	13	3	1	0	21.8 ± 12.2	(34.0 - 9.7)
	3 - 4	9	2	0	0	17.0 ± 11.2	(28.2 - 5.7)
	4 - 5	7	0	1	0	17.0 ± 11.2	(28.2 - 5.7)
	5 -	6			6		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	48	39	3	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	21	12	0	0	42.9 ± 21.6	(64.5 - 21.3)
	1 - 2	9	4	0	0	23.8 ± 18.6	(42.4 - 5.2)
	2 - 3	5	2	0	0	14.3 ± 15.3	(29.6 - -1.0)
	3 - 4	3	1	0	0	9.5 ± 12.8	(22.3 - -3.3)
	4 - 5	2	0	0	0	9.5 ± 12.8	(22.3 - -3.3)
	5 -	2			2		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	21	19	0	2		
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	13	10	0	0	23.1 ± 23.4	(46.4 - -0.3)
	1 - 2	3	3	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		
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	TOTAL	13	13	0	0		

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	1,722	275	50	0	83.8 ± 1.8	(85.6 - 82.0)
	1 - 2	1,397	182	20	0	72.8 ± 2.2	(75.0 - 70.6)
	2 - 3	1,195	84	30	0	67.6 ± 2.3	(69.9 - 65.3)
	3 - 4	1,081	64	43	0	63.5 ± 2.4	(65.9 - 61.2)
	4 - 5	974	65	51	0	59.2 ± 2.4	(61.6 - 56.7)
	5 -	858			858		
TOTAL		1,722	670	194	858		
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	38	21	1	0	44.0 ± 16.2	(60.2 - 27.8)
	1 - 2	16	7	0	0	24.8 ± 14.2	(39.0 - 10.5)
	2 - 3	9	3	1	0	16.0 ± 12.3	(28.3 - 3.7)
	3 - 4	5	2	0	0	9.6 ± 10.2	(19.8 - -0.6)
	4 - 5	3	0	0	0	9.6 ± 10.2	(19.8 - -0.6)
	5 -	3			3		
TOTAL		38	33	2	3		
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	1,696	168	22	0	90.0 ± 1.5	(91.5 - 88.6)
	1 - 2	1,506	204	22	0	77.7 ± 2.0	(79.8 - 75.7)
	2 - 3	1,280	141	39	0	69.0 ± 2.3	(71.3 - 66.8)
	3 - 4	1,100	68	38	0	64.7 ± 2.4	(67.1 - 62.3)
	4 - 5	994	68	39	0	60.2 ± 2.4	(62.6 - 57.8)
	5 -	887			887		
TOTAL		1,696	649	160	887		
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	34	18	0	0	47.1 ± 17.1	(64.2 - 29.9)
	1 - 2	16	13	0	0	8.8 ± 9.7	(18.6 - -0.9)
	2 - 3	3	2	0	0	2.9 ± 5.8	(8.7 - -2.9)
	3 - 4	1	0	0	0	2.9 ± 5.8	(8.7 - -2.9)
	4 - 5	1	0	1	0	2.9 ± 5.8	(8.7 - -2.9)
	5 -	0			0		
TOTAL		34	33	1	0		

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	480	35	12	0	92.6 ± 2.4	(95.0 - 90.2)
	1 - 2	433	33	6	0	85.5 ± 3.3	(88.8 - 82.3)
	2 - 3	394	17	12	0	81.8 ± 3.6	(85.3 - 78.2)
	3 - 4	365	20	14	0	77.2 ± 3.9	(81.1 - 73.3)
	4 - 5	331	16	25	0	73.3 ± 4.2	(77.5 - 69.1)
	5 -	290			290		
	TOTAL	480	121	69	290		
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	586	66	19	0	88.6 ± 2.7	(91.2 - 85.9)
	1 - 2	501	64	7	0	77.2 ± 3.5	(80.7 - 73.6)
	2 - 3	430	33	7	0	71.2 ± 3.8	(75.0 - 67.4)
	3 - 4	390	13	16	0	68.8 ± 3.9	(72.7 - 64.9)
	4 - 5	361	28	17	0	63.3 ± 4.1	(67.4 - 59.2)
	5 -	316			316		
	TOTAL	586	204	66	316		
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	420	77	11	0	81.4 ± 3.8	(85.2 - 77.6)
	1 - 2	332	51	7	0	68.8 ± 4.6	(73.4 - 64.2)
	2 - 3	274	18	7	0	64.2 ± 4.8	(69.0 - 59.4)
	3 - 4	249	24	9	0	57.9 ± 4.9	(62.8 - 53.0)
	4 - 5	216	15	8	0	53.8 ± 5.0	(58.8 - 48.8)
	5 -	193			193		
	TOTAL	420	185	42	193		
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	169	47	6	0	71.7 ± 7.0	(78.7 - 64.7)
	1 - 2	116	28	1	0	54.3 ± 7.8	(62.1 - 46.5)
	2 - 3	87	8	3	0	49.2 ± 7.8	(57.1 - 41.4)
	3 - 4	76	8	5	0	43.9 ± 7.9	(51.7 - 36.0)
	4 - 5	63	6	2	0	39.6 ± 7.8	(47.4 - 31.8)
	5 -	55			55		
	TOTAL	169	97	17	55		
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	77	47	4	0	37.3 ± 11.2	(48.5 - 26.2)
	1 - 2	26	9	0	0	24.4 ± 10.1	(34.5 - 14.3)
	2 - 3	17	3	0	0	20.1 ± 9.5	(29.6 - 10.6)
	3 - 4	14	0	1	0	20.1 ± 9.5	(29.6 - 10.6)
	4 - 5	13	0	1	0	20.1 ± 9.5	(29.6 - 10.6)
	5 -	12			12		
	TOTAL	77	59	6	12		

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	676	31	12	0	95.4 ± 1.6	(97.0 - 93.8)
	1 - 2	633	52	6	0	87.5 ± 2.6	(90.1 - 84.9)
	2 - 3	575	31	24	0	82.7 ± 3.0	(85.6 - 79.7)
	3 - 4	520	21	21	0	79.3 ± 3.2	(82.5 - 76.1)
	4 - 5	478	17	23	0	76.4 ± 3.4	(79.7 - 73.0)
	5 -	438			438		
	TOTAL	676	152	86	438		
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	525	36	7	0	93.1 ± 2.2	(95.3 - 90.9)
	1 - 2	482	70	8	0	79.5 ± 3.6	(83.0 - 75.9)
	2 - 3	404	50	10	0	69.5 ± 4.1	(73.6 - 65.4)
	3 - 4	344	17	15	0	66.0 ± 4.2	(70.2 - 61.8)
	4 - 5	312	29	10	0	59.8 ± 4.4	(64.2 - 55.4)
	5 -	273			273		
	TOTAL	525	202	50	273		
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	328	40	1	0	87.8 ± 3.6	(91.4 - 84.2)
	1 - 2	287	62	5	0	68.7 ± 5.1	(73.8 - 63.5)
	2 - 3	220	46	4	0	54.2 ± 5.6	(59.7 - 48.6)
	3 - 4	170	20	2	0	47.8 ± 5.6	(53.3 - 42.2)
	4 - 5	148	15	3	0	42.9 ± 5.6	(48.4 - 37.3)
	5 -	130			130		
	TOTAL	328	183	15	130		
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	104	30	1	0	71.0 ± 8.9	(79.9 - 62.1)
	1 - 2	73	24	1	0	47.5 ± 9.9	(57.4 - 37.6)
	2 - 3	48	8	1	0	39.5 ± 9.7	(49.2 - 29.8)
	3 - 4	39	7	0	0	32.4 ± 9.3	(41.7 - 23.1)
	4 - 5	32	4	1	0	28.3 ± 9.0	(37.3 - 19.3)
	5 -	27			27		
	TOTAL	104	73	4	27		
N4	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	52	27	2	0	47.1 ± 14.0	(61.0 - 33.1)
	1 - 2	23	10	1	0	26.1 ± 12.6	(38.7 - 13.6)
	2 - 3	12	4	0	0	17.4 ± 11.0	(28.4 - 6.4)
	3 - 4	8	1	0	0	15.3 ± 10.4	(25.7 - 4.8)
	4 - 5	7	0	2	0	15.3 ± 10.4	(25.7 - 4.8)
	5 -	5			5		
	TOTAL	52	42	5	5		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	899	62	28	0	93.0 ± 1.7	(94.7 - 91.3)
	1 - 2	809	48	10	0	87.4 ± 2.2	(89.7 - 85.2)
	2 - 3	751	30	22	0	83.9 ± 2.5	(86.4 - 81.4)
	3 - 4	699	38	26	0	79.3 ± 2.8	(82.0 - 76.5)
	4 - 5	635	34	38	0	74.9 ± 3.0	(77.9 - 71.9)
	5 -	563			563		
	TOTAL	899	212	124	563		
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	402	71	11	0	82.1 ± 3.9	(85.9 - 78.2)
	1 - 2	320	67	5	0	64.8 ± 4.8	(69.6 - 59.9)
	2 - 3	248	23	4	0	58.7 ± 5.0	(63.7 - 53.7)
	3 - 4	221	10	12	0	56.0 ± 5.1	(61.0 - 50.9)
	4 - 5	199	13	14	0	52.2 ± 5.1	(57.3 - 47.1)
	5 -	172			172		
	TOTAL	402	184	46	172		
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	218	55	6	0	74.4 ± 6.0	(80.4 - 68.5)
	1 - 2	157	36	5	0	57.1 ± 6.8	(63.9 - 50.3)
	2 - 3	116	16	2	0	49.1 ± 6.9	(56.1 - 42.2)
	3 - 4	98	11	3	0	43.5 ± 6.9	(50.4 - 36.6)
	4 - 5	84	10	0	0	38.4 ± 6.8	(45.2 - 31.5)
	5 -	74			74		
	TOTAL	218	128	16	74		
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	93	22	2	0	76.1 ± 8.9	(85.0 - 67.2)
	1 - 2	69	23	1	0	50.5 ± 10.5	(61.0 - 40.0)
	2 - 3	45	9	0	0	40.4 ± 10.3	(50.8 - 30.1)
	3 - 4	36	5	3	0	34.6 ± 10.1	(44.7 - 24.5)
	4 - 5	28	5	0	0	28.4 ± 9.7	(38.1 - 18.7)
	5 -	23			23		
	TOTAL	93	64	6	23		
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	30	16	1	0	45.8 ± 18.3	(64.1 - 27.4)
	1 - 2	13	4	0	0	31.7 ± 17.3	(49.0 - 14.4)
	2 - 3	9	2	0	0	24.6 ± 16.1	(40.7 - 8.6)
	3 - 4	7	0	1	0	24.6 ± 16.1	(40.7 - 8.6)
	4 - 5	6	1	0	0	20.5 ± 15.3	(35.9 - 5.2)
	5 -	5			5		
	TOTAL	30	23	2	5		

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	920	48	13	0	94.7 ± 1.5	(96.2 - 93.3)
1 - 2	859	66	11	0	87.4 ± 2.2	(89.6 - 85.2)
2 - 3	782	47	28	0	82.1 ± 2.6	(84.6 - 79.5)
3 - 4	707	25	24	0	79.1 ± 2.7	(81.8 - 76.4)
4 - 5	658	33	23	0	75.1 ± 2.9	(78.0 - 72.1)
5 -	602			602		
TOTAL	920	219	99	602		

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	359	28	10	0	92.1 ± 2.9	(95.0 - 89.2)
1 - 2	321	47	6	0	78.5 ± 4.4	(82.9 - 74.1)
2 - 3	268	41	7	0	66.3 ± 5.1	(71.4 - 61.2)
3 - 4	220	17	10	0	61.1 ± 5.3	(66.4 - 55.8)
4 - 5	193	21	12	0	54.2 ± 5.5	(59.7 - 48.7)
5 -	160			160		
TOTAL	359	154	45	160		

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	256	32	3	0	87.4 ± 4.2	(91.6 - 83.3)
1 - 2	221	61	3	0	63.1 ± 6.1	(69.2 - 57.1)
2 - 3	157	40	4	0	46.8 ± 6.3	(53.2 - 40.5)
3 - 4	113	16	1	0	40.2 ± 6.2	(46.4 - 33.9)
4 - 5	96	10	3	0	35.9 ± 6.1	(42.1 - 29.8)
5 -	83			83		
TOTAL	256	159	14	83		

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	70	21	0	0	70.0 ± 11.0	(81.0 - 59.0)
1 - 2	49	18	1	0	44.0 ± 11.9	(55.9 - 32.1)
2 - 3	30	9	0	0	30.8 ± 11.1	(41.9 - 19.7)
3 - 4	21	6	0	0	22.0 ± 10.0	(32.0 - 12.0)
4 - 5	15	3	1	0	17.5 ± 9.2	(26.7 - 8.2)
5 -	11			11		
TOTAL	70	57	2	11		

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	26	17	0	0	34.6 ± 18.7	(53.3 - 16.0)
1 - 2	9	7	0	0	7.7 ± 10.5	(18.1 - -2.8)
2 - 3	2	2	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	26	26	0	0		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	52	2	2	0	96.1 ± 5.4	(101.5 - 90.6)
	1 - 2	48	1	1	0	94.1 ± 6.7	(100.7 - 87.4)
	2 - 3	46	3	2	0	87.8 ± 9.4	(97.1 - 78.4)
	3 - 4	41	3	2	0	81.2 ± 11.3	(92.5 - 69.9)
	4 - 5	36	1	3	0	78.8 ± 11.9	(90.8 - 66.9)
	5 -	32			32		
	TOTAL	52	10	10	32		

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	68	4	1	0	94.1 ± 5.7	(99.8 - 88.3)
	1 - 2	63	1	0	0	92.6 ± 6.4	(99.0 - 86.2)
	2 - 3	62	0	0	0	92.6 ± 6.4	(99.0 - 86.2)
	3 - 4	62	1	2	0	91.1 ± 7.0	(98.0 - 84.1)
	4 - 5	59	2	5	0	87.8 ± 8.1	(95.9 - 79.8)
	5 -	52			52		
	TOTAL	68	8	8	52		

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	122	6	5	0	95.0 ± 4.0	(99.0 - 91.0)
	1 - 2	111	4	2	0	91.5 ± 5.1	(96.7 - 86.4)
	2 - 3	105	4	1	0	88.0 ± 6.0	(94.0 - 82.0)
	3 - 4	100	4	4	0	84.4 ± 6.8	(91.2 - 77.7)
	4 - 5	92	3	4	0	81.6 ± 7.3	(88.9 - 74.3)
	5 -	85			85		
	TOTAL	122	21	16	85		

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	693	67	20	0	90.2 ± 2.3	(92.5 - 87.9)
	1 - 2	606	67	7	0	80.2 ± 3.1	(83.2 - 77.1)
	2 - 3	532	32	20	0	75.2 ± 3.3	(78.6 - 71.9)
	3 - 4	480	21	11	0	71.9 ± 3.5	(75.4 - 68.4)
	4 - 5	448	27	21	0	67.5 ± 3.7	(71.1 - 63.8)
	5 -	400			400		
	TOTAL	693	214	79	400		

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	671	147	20	0	77.8 ± 3.2	(81.0 - 74.5)
	1 - 2	504	94	10	0	63.1 ± 3.8	(66.9 - 59.3)
	2 - 3	400	39	6	0	56.9 ± 3.9	(60.8 - 53.0)
	3 - 4	355	30	26	0	51.9 ± 4.0	(55.9 - 48.0)
	4 - 5	299	30	20	0	46.5 ± 4.0	(50.5 - 42.5)
	5 -	249			249		
	TOTAL	671	340	82	249		

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	147	54	1	0	63.1 ± 8.0	(71.1 - 55.2)
	1 - 2	92	26	1	0	45.2 ± 8.2	(53.4 - 37.0)
	2 - 3	65	7	2	0	40.3 ± 8.1	(48.4 - 32.1)
	3 - 4	56	8	1	0	34.5 ± 7.9	(42.4 - 26.5)
	4 - 5	47	3	2	0	32.2 ± 7.8	(40.0 - 24.4)
	5 -	42			42		
	TOTAL	147	98	7	42		

23-2 Cumulative survival rate by degree of 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	74	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	73	3	0	0	95.9 ± 4.6	(100.5 - 91.2)
	2 - 3	70	0	5	0	95.9 ± 4.6	(100.5 - 91.2)
	3 - 4	65	0	6	0	95.9 ± 4.6	(100.5 - 91.2)
	4 - 5	59	1	7	0	94.2 ± 5.7	(99.9 - 88.5)
	5 -	51			51		
	TOTAL	74	4	19	51		

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	100	2	1	0	98.0 ± 2.8	(100.8 - 95.2)
	1 - 2	97	2	0	0	96.0 ± 3.9	(99.9 - 92.0)
	2 - 3	95	2	2	0	93.9 ± 4.8	(98.7 - 89.1)
	3 - 4	91	3	3	0	90.8 ± 5.9	(96.6 - 84.9)
	4 - 5	85	3	4	0	87.5 ± 6.8	(94.3 - 80.7)
	5 -	78			78		
	TOTAL	100	12	10	78		

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	296	9	10	0	96.9 ± 2.0	(98.9 - 94.9)
	1 - 2	277	9	2	0	93.7 ± 2.9	(96.6 - 90.9)
	2 - 3	266	9	8	0	90.5 ± 3.5	(94.0 - 87.1)
	3 - 4	249	10	9	0	86.8 ± 4.0	(90.9 - 82.8)
	4 - 5	230	13	6	0	81.9 ± 4.7	(86.5 - 77.2)
	5 -	211			211		
	TOTAL	296	50	35	211		

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	475	37	7	0	92.2 ± 2.5	(94.6 - 89.7)
	1 - 2	431	51	4	0	81.2 ± 3.6	(84.8 - 77.6)
	2 - 3	376	40	12	0	72.4 ± 4.2	(76.6 - 68.3)
	3 - 4	324	25	8	0	66.8 ± 4.4	(71.2 - 62.4)
	4 - 5	291	20	13	0	62.1 ± 4.6	(66.6 - 57.5)
	5 -	258			258		
	TOTAL	475	173	44	258		

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	622	81	6	0	86.9 ± 2.7	(89.6 - 84.2)
	1 - 2	535	116	14	0	67.8 ± 3.8	(71.6 - 64.0)
	2 - 3	405	70	9	0	56.0 ± 4.0	(60.0 - 51.9)
	3 - 4	326	26	10	0	51.4 ± 4.1	(55.5 - 47.3)
	4 - 5	290	28	10	0	46.4 ± 4.1	(50.5 - 42.3)
	5 -	252			252		
	TOTAL	622	321	49	252		

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	126	32	0	0	74.6 ± 7.8	(82.4 - 66.8)
	1 - 2	94	32	1	0	49.1 ± 8.9	(58.0 - 40.1)
	2 - 3	61	18	4	0	34.1 ± 8.5	(42.6 - 25.6)
	3 - 4	39	7	0	0	28.0 ± 8.2	(36.1 - 19.8)
	4 - 5	32	3	1	0	25.3 ± 8.0	(33.3 - 17.4)
	5 -	28			28		
	TOTAL	126	92	6	28		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	31	0	5	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	26	0	2	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	24	0	3	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	21	0	2	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	19	0	2	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	17			17		
	TOTAL	31	0	14	17		
Surgery	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,800	304	53	0	82.9 ± 1.8	(84.6 - 81.1)
	1 - 2	1,443	195	21	0	71.6 ± 2.2	(73.7 - 69.4)
	2 - 3	1,227	87	31	0	66.4 ± 2.3	(68.7 - 64.2)
	3 - 4	1,109	68	46	0	62.3 ± 2.3	(64.6 - 59.9)
	4 - 5	995	67	55	0	58.0 ± 2.4	(60.4 - 55.6)
	5 -	873			873		
	TOTAL	1,800	721	206	873		
Others (chemotherapy, radiation etc.)	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	7	6	1	0	7.7 ± 20.9	(28.6 --13.2)
	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	7	6	1	0		
No treatment	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	6	1	0	20.0 ± 29.2	(49.2 - -9.2)
	1 - 2	1	0	0	0	20.0 ± 29.2	(49.2 - -9.2)
	2 - 3	1	0	0	0	20.0 ± 29.2	(49.2 - -9.2)
	3 - 4	1	0	0	0	20.0 ± 29.2	(49.2 - -9.2)
	4 - 5	1	0	0	0	20.0 ± 29.2	(49.2 - -9.2)
	5 -	1			1		
	TOTAL	8	6	1	1		

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	16	0	3	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	13	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	12	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	12	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	11	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	5 -	10			10		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	16	0	6	10		
Surgery	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	1,738	177	27	0	89.7 ± 1.5	(91.2 - 88.3)
	1 - 2	1,534	221	22	0	76.7 ± 2.0	(78.8 - 74.7)
	2 - 3	1,291	142	40	0	68.1 ± 2.3	(70.4 - 65.9)
	3 - 4	1,109	71	38	0	63.7 ± 2.4	(66.1 - 61.4)
	4 - 5	1,000	67	41	0	59.3 ± 2.4	(61.8 - 56.9)
	5 -	892			892		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	1,738	678	168	892		
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	23	16	0	0	30.4 ± 19.2	(49.6 - 11.2)
	1 - 2	7	5	0	0	8.7 ± 11.8	(20.4 - -3.1)
	2 - 3	2	1	0	0	4.3 ± 8.5	(12.9 - -4.2)
	3 - 4	1	0	1	0	4.3 ± 8.5	(12.9 - -4.2)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	23	22	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	8	3	1	0	60.0 ± 35.8	(95.8 - 24.2)
	1 - 2	4	1	0	0	45.0 ± 37.3	(82.3 - 7.7)
	2 - 3	3	1	1	0	27.0 ± 35.8	(62.8 - -8.8)
	3 - 4	1	0	0	0	27.0 ± 35.8	(62.8 - -8.8)
	4 - 5	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	8	6	2	0		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	433	22	9	0	94.9 ± 2.1	(97.0 - 92.7)
1 - 2	402	23	7	0	89.4 ± 3.0	(92.4 - 86.4)
2 - 3	372	12	12	0	86.5 ± 3.3	(89.8 - 83.1)
3 - 4	348	18	13	0	81.9 ± 3.8	(85.7 - 78.1)
4 - 5	317	13	21	0	78.4 ± 4.1	(82.5 - 74.3)
5 -	283			283		
TOTAL	433	88	62	283		

Rectum, N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	638	29	11	0	95.4 ± 1.7	(97.1 - 93.8)
1 - 2	598	35	7	0	89.8 ± 2.4	(92.2 - 87.4)
2 - 3	556	28	22	0	85.2 ± 2.9	(88.0 - 82.3)
3 - 4	506	19	21	0	81.9 ± 3.1	(85.0 - 78.8)
4 - 5	466	16	23	0	79.0 ± 3.3	(82.4 - 75.7)
5 -	427			427		
TOTAL	638	127	84	427		

Colon, n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	743	32	19	0	95.6 ± 1.5	(97.1 - 94.1)
1 - 2	692	28	11	0	91.7 ± 2.0	(93.8 - 89.7)
2 - 3	653	21	9	0	88.8 ± 2.4	(91.1 - 86.4)
3 - 4	623	29	16	0	84.6 ± 2.7	(87.3 - 81.9)
4 - 5	578	31	19	0	80.0 ± 3.0	(83.0 - 76.9)
5 -	528			528		
TOTAL	743	141	74	528		

Rectum, n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	789	40	10	0	94.9 ± 1.6	(96.5 - 93.3)
1 - 2	739	48	10	0	88.7 ± 2.3	(91.0 - 86.4)
2 - 3	681	36	14	0	84.0 ± 2.6	(86.6 - 81.3)
3 - 4	631	20	15	0	81.3 ± 2.8	(84.1 - 78.4)
4 - 5	596	28	13	0	77.4 ± 3.0	(80.4 - 74.4)
5 -	555			555		
TOTAL	789	172	62	555		

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	35	2	1	0	94.2 ± 8.0	(102.2 - 86.2)
	1 - 2	32	0	0	0	94.2 ± 8.0	(102.2 - 86.2)
	2 - 3	32	1	2	0	91.2 ± 9.7	(100.9 - 81.4)
	3 - 4	29	0	2	0	91.2 ± 9.7	(100.9 - 81.4)
	4 - 5	27	1	2	0	87.7 ± 11.6	(99.3 - 76.0)
	5 -	24			24		
	TOTAL	35	4	7	24		
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	56	2	1	0	96.4 ± 5.0	(101.4 - 91.4)
	1 - 2	53	1	0	0	94.6 ± 6.1	(100.7 - 88.5)
	2 - 3	52	1	0	0	92.8 ± 7.0	(99.7 - 85.8)
	3 - 4	51	4	0	0	85.5 ± 9.5	(95.0 - 76.0)
	4 - 5	47	1	3	0	83.6 ± 10.0	(93.6 - 73.6)
	5 -	43			43		
	TOTAL	56	9	4	43		
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	54	3	1	0	94.4 ± 6.3	(100.7 - 88.1)
	1 - 2	50	3	2	0	88.6 ± 8.8	(97.4 - 79.9)
	2 - 3	45	2	1	0	84.6 ± 10.0	(94.6 - 74.6)
	3 - 4	42	1	1	0	82.6 ± 10.6	(93.2 - 72.0)
	4 - 5	40	2	1	0	78.4 ± 11.6	(90.0 - 66.8)
	5 -	37			37		
	TOTAL	54	11	6	37		
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	100	4	2	0	96.0 ± 4.0	(99.9 - 92.0)
	1 - 2	94	5	3	0	90.8 ± 5.9	(96.6 - 84.9)
	2 - 3	86	2	5	0	88.6 ± 6.5	(95.1 - 82.1)
	3 - 4	79	4	3	0	84.0 ± 7.6	(91.6 - 76.4)
	4 - 5	72	2	4	0	81.6 ± 8.1	(89.7 - 73.5)
	5 -	66			66		
	TOTAL	100	17	17	66		
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	135	8	3	0	94.0 ± 4.1	(98.1 - 89.9)
	1 - 2	124	7	1	0	88.7 ± 5.5	(94.2 - 83.2)
	2 - 3	116	4	2	0	85.6 ± 6.1	(91.7 - 79.5)
	3 - 4	110	6	6	0	80.8 ± 6.9	(87.7 - 73.9)
	4 - 5	98	6	8	0	75.6 ± 7.7	(83.3 - 68.0)
	5 -	84			84		
	TOTAL	135	31	20	84		
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	23	3	1	0	86.7 ± 14.3	(101.0 - 72.3)
	1 - 2	19	4	0	0	68.4 ± 19.8	(88.2 - 48.7)
	2 - 3	15	1	1	0	63.7 ± 20.5	(84.2 - 43.2)
	3 - 4	13	2	0	0	53.9 ± 21.6	(75.5 - 32.4)
	4 - 5	11	0	0	0	53.9 ± 21.6	(75.5 - 32.4)
	5 -	11			11		
	TOTAL	23	10	2	11		

26-2 Cumulative survival rate for patients with [H0, P0, M0, N1] 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	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	24	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	24	1	0	0	95.8 ± 8.2	(104.0 - 87.7)
	2 - 3	23	0	0	0	95.8 ± 8.2	(104.0 - 87.7)
	3 - 4	23	0	1	0	95.8 ± 8.2	(104.0 - 87.7)
	4 - 5	22	2	1	0	86.9 ± 14.1	(101.0 - 72.8)
	5 -	19			19		
	TOTAL	24	3	2	19		
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	126	3	6	0	97.6 ± 2.8	(100.3 - 94.8)
	1 - 2	117	12	2	0	87.5 ± 6.1	(93.5 - 81.4)
	2 - 3	103	6	1	0	82.3 ± 7.0	(89.3 - 75.4)
	3 - 4	96	3	3	0	79.7 ± 7.4	(87.1 - 72.3)
	4 - 5	90	5	3	0	75.2 ± 8.0	(83.2 - 67.2)
	5 -	82			82		
	TOTAL	126	29	15	82		
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	258	13	12	0	94.8 ± 2.8	(97.6 - 92.1)
	1 - 2	233	20	3	0	86.6 ± 4.3	(91.0 - 82.3)
	2 - 3	210	14	4	0	80.8 ± 5.0	(85.9 - 75.8)
	3 - 4	192	9	9	0	76.9 ± 5.4	(82.4 - 71.5)
	4 - 5	174	12	10	0	71.5 ± 5.9	(77.4 - 65.6)
	5 -	152			152		
	TOTAL	258	68	38	152		
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	59	8	0	0	86.4 ± 8.9	(95.4 - 77.5)
	1 - 2	51	8	1	0	72.7 ± 11.6	(84.4 - 61.1)
	2 - 3	42	2	1	0	69.2 ± 12.1	(81.3 - 57.2)
	3 - 4	39	0	2	0	69.2 ± 12.1	(81.3 - 57.2)
	4 - 5	37	5	0	0	59.9 ± 13.0	(72.9 - 46.9)
	5 -	32			32		
	TOTAL	59	23	4	32		

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	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		
PM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	3	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	3			3		
	TOTAL	3	0	0	3		
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	62	3	1	0	95.1 ± 5.5	(100.6 - 89.6)
	1 - 2	58	4	0	0	88.6 ± 8.1	(96.7 - 80.4)
	2 - 3	54	1	3	0	86.9 ± 8.7	(95.5 - 78.2)
	3 - 4	50	5	2	0	78.0 ± 10.8	(88.8 - 67.2)
	4 - 5	43	0	2	0	78.0 ± 10.8	(88.8 - 67.2)
	5 -	41			41		
	TOTAL	62	13	8	41		
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	149	9	6	0	93.8 ± 4.0	(97.8 - 89.9)
	1 - 2	134	12	3	0	85.3 ± 5.9	(91.3 - 79.4)
	2 - 3	119	6	2	0	81.0 ± 6.6	(87.6 - 74.4)
	3 - 4	111	8	5	0	75.0 ± 7.3	(82.4 - 67.7)
	4 - 5	98	9	3	0	68.0 ± 8.0	(76.0 - 60.0)
	5 -	86			86		
	TOTAL	149	44	19	86		
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	58	5	1	0	91.3 ± 7.4	(98.7 - 83.9)
	1 - 2	52	6	2	0	80.6 ± 10.5	(91.1 - 70.0)
	2 - 3	44	3	0	0	75.1 ± 11.6	(86.6 - 63.5)
	3 - 4	41	4	1	0	67.7 ± 12.6	(80.2 - 55.1)
	4 - 5	36	2	1	0	63.8 ± 13.0	(76.8 - 50.9)
	5 -	33			33		
	TOTAL	58	20	5	33		

26-4 Cumulative survival rate for patients with [H0, P0, M0, N3] 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	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

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

SS	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	15	1	1	0	93.1 ± 13.3	(106.4 - 79.8)
	1 - 2	13	3	0	0	71.6 ± 24.0	(95.7 - 47.6)
	2 - 3	10	0	0	0	71.6 ± 24.0	(95.7 - 47.6)
	3 - 4	10	1	0	0	64.5 ± 25.6	(90.0 - 38.9)
	4 - 5	9	0	0	0	64.5 ± 25.6	(90.0 - 38.9)
	5 -	9			9		
	TOTAL	15	5	1	9		

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	43	5	1	0	88.2 ± 9.9	(98.1 - 78.4)
	1 - 2	37	3	1	0	81.0 ± 12.1	(93.1 - 68.9)
	2 - 3	33	4	1	0	71.0 ± 14.1	(85.2 - 56.9)
	3 - 4	28	3	4	0	62.8 ± 15.4	(78.2 - 47.5)
	4 - 5	21	4	0	0	50.9 ± 16.4	(67.3 - 34.4)
	5 -	17			17		
	TOTAL	43	19	7	17		

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	37	7	0	0	81.1 ± 12.9	(94.0 - 68.2)
	1 - 2	30	7	0	0	62.2 ± 15.9	(78.1 - 46.2)
	2 - 3	23	1	2	0	59.3 ± 16.2	(75.5 - 43.1)
	3 - 4	20	2	0	0	53.4 ± 16.6	(70.0 - 36.8)
	4 - 5	18	1	1	0	50.4 ± 16.7	(67.1 - 33.6)
	5 -	16			16		
	TOTAL	37	18	3	16		

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 FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
SM	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
PM	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
SS	YEAR OF OBSERVAT =====	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	0	0	80.0 ± 35.8	(115.8 - 44.2)
	3 - 4	4	0	1	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		
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	4	2	0	0	50.0 ± 50.0	(100.0 - 0.0)
	1 - 2	2	0	0	0	50.0 ± 50.0	(100.0 - 0.0)
	2 - 3	2	1	0	0	25.0 ± 43.3	(68.3 --18.3)
	3 - 4	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	4 - 5	1	0	0	0	25.0 ± 43.3	(68.3 --18.3)
	5 -	1			1		
	TOTAL	4	3	0	1		
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	14	5	2	0	61.5 ± 27.0	(88.5 - 34.6)
	1 - 2	7	1	0	0	52.7 ± 28.3	(81.0 - 24.5)
	2 - 3	6	1	0	0	44.0 ± 28.5	(72.5 - 15.4)
	3 - 4	5	0	0	0	44.0 ± 28.5	(72.5 - 15.4)
	4 - 5	5	0	1	0	44.0 ± 28.5	(72.5 - 15.4)
	5 -	4			4		
	TOTAL	14	7	3	4		

26-6 Cumulative survival rate for patients with [H0, P0, M0, N0] 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	42	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	42	2	0	0	95.2 ± 6.6	(101.8 - 88.7)
	2 - 3	40	0	3	0	95.2 ± 6.6	(101.8 - 88.7)
	3 - 4	37	0	5	0	95.2 ± 6.6	(101.8 - 88.7)
	4 - 5	32	2	5	0	88.8 ± 10.7	(99.5 - 78.0)
	5 -	25			25		
	TOTAL	42	4	13	25		

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	81	3	0	0	96.3 ± 4.2	(100.5 - 92.1)
	1 - 2	78	3	0	0	92.6 ± 5.8	(98.4 - 86.8)
	2 - 3	75	1	2	0	91.3 ± 6.3	(97.6 - 85.1)
	3 - 4	72	0	4	0	91.3 ± 6.3	(97.6 - 85.1)
	4 - 5	68	0	2	0	91.3 ± 6.3	(97.6 - 85.1)
	5 -	66			66		
	TOTAL	81	7	8	66		

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	140	3	5	0	97.8 ± 2.5	(100.3 - 95.3)
	1 - 2	132	5	2	0	94.1 ± 4.1	(98.1 - 90.0)
	2 - 3	125	5	5	0	90.2 ± 5.1	(95.4 - 85.1)
	3 - 4	115	5	4	0	86.3 ± 6.0	(92.3 - 80.2)
	4 - 5	106	4	3	0	82.9 ± 6.6	(89.6 - 76.3)
	5 -	99			99		
	TOTAL	140	22	19	99		

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	144	5	3	0	96.5 ± 3.1	(99.6 - 93.4)
	1 - 2	136	5	1	0	92.9 ± 4.3	(97.2 - 88.6)
	2 - 3	130	7	6	0	87.8 ± 5.5	(93.4 - 82.3)
	3 - 4	117	7	3	0	82.5 ± 6.5	(89.0 - 76.0)
	4 - 5	107	4	3	0	79.4 ± 7.0	(86.3 - 72.4)
	5 -	100			100		
	TOTAL	144	28	16	100		

A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	154	11	3	0	92.8 ± 4.2	(97.0 - 88.6)
	1 - 2	140	10	4	0	86.1 ± 5.6	(91.7 - 80.4)
	2 - 3	126	11	4	0	78.4 ± 6.8	(85.2 - 71.7)
	3 - 4	111	3	2	0	76.3 ± 7.0	(83.3 - 69.3)
	4 - 5	106	3	3	0	74.1 ± 7.3	(81.4 - 66.8)
	5 -	100			100		
	TOTAL	154	38	16	100		

Ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	39	2	0	0	94.9 ± 7.1	(101.9 - 87.8)
	1 - 2	37	6	0	0	79.5 ± 12.9	(92.4 - 66.6)
	2 - 3	31	4	1	0	69.1 ± 14.9	(83.9 - 54.2)
	3 - 4	26	3	1	0	60.9 ± 15.8	(76.7 - 45.1)
	4 - 5	22	3	1	0	52.4 ± 16.4	(68.8 - 36.1)
	5 -	18			18		
	TOTAL	39	18	3	18		

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	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
SM	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	4 - 5	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	5 -	2			2		
	TOTAL	2	0	0	2		
PM	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	35	1	1	0	97.1 ± 5.7	(102.8 - 91.4)
	1 - 2	33	2	1	0	91.1 ± 9.8	(100.9 - 81.3)
	2 - 3	30	0	1	0	91.1 ± 9.8	(100.9 - 81.3)
	3 - 4	29	0	0	0	91.1 ± 9.8	(100.9 - 81.3)
	4 - 5	29	3	0	0	81.7 ± 13.5	(95.2 - 68.2)
	5 -	26			26		
	TOTAL	35	6	3	26		
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	125	8	2	0	93.5 ± 4.4	(98.0 - 89.1)
	1 - 2	115	10	4	0	85.3 ± 6.4	(91.7 - 78.9)
	2 - 3	101	10	1	0	76.8 ± 7.7	(84.5 - 69.1)
	3 - 4	90	2	5	0	75.0 ± 7.9	(82.9 - 67.1)
	4 - 5	83	3	0	0	72.3 ± 8.2	(80.5 - 64.1)
	5 -	80			80		
	TOTAL	125	33	12	80		
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	217	6	4	0	97.2 ± 2.2	(99.5 - 95.0)
	1 - 2	207	19	3	0	88.2 ± 4.4	(92.6 - 83.8)
	2 - 3	185	24	2	0	76.7 ± 5.8	(82.5 - 70.9)
	3 - 4	159	8	7	0	72.8 ± 6.2	(78.9 - 66.6)
	4 - 5	144	16	3	0	64.6 ± 6.7	(71.3 - 57.9)
	5 -	125			125		
	TOTAL	217	73	19	125		
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	55	5	0	0	90.9 ± 7.8	(98.7 - 83.2)
	1 - 2	50	11	0	0	70.9 ± 12.2	(83.2 - 58.7)
	2 - 3	39	8	3	0	55.8 ± 13.5	(69.3 - 42.3)
	3 - 4	28	3	3	0	49.5 ± 13.8	(63.3 - 35.6)
	4 - 5	22	2	1	0	44.9 ± 14.0	(58.8 - 30.9)
	5 -	19			19		
	TOTAL	55	29	7	19		

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	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
PM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	8	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	8	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	8	2	0	0	75.0 ± 30.6	(105.6 - 44.4)
	4 - 5	6	1	0	0	62.5 ± 34.2	(96.7 - 28.3)
	5 -	5			5		
	TOTAL	8	3	0	5		
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	59	3	0	0	94.9 ± 5.7	(100.6 - 89.2)
	1 - 2	56	4	0	0	88.1 ± 8.4	(96.6 - 79.7)
	2 - 3	52	9	0	0	72.9 ± 11.6	(84.5 - 61.3)
	3 - 4	43	4	0	0	66.1 ± 12.3	(78.4 - 53.8)
	4 - 5	39	6	0	0	55.9 ± 12.9	(68.9 - 43.0)
	5 -	33			33		
	TOTAL	59	26	0	33		
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	125	8	0	0	93.6 ± 4.4	(98.0 - 89.2)
	1 - 2	117	18	3	0	79.0 ± 7.3	(86.3 - 71.7)
	2 - 3	96	16	1	0	65.8 ± 8.6	(74.4 - 57.2)
	3 - 4	79	7	2	0	59.9 ± 8.9	(68.8 - 51.0)
	4 - 5	70	5	2	0	55.5 ± 9.1	(64.6 - 46.5)
	5 -	63			63		
	TOTAL	125	54	8	63		
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	9	0	0	83.0 ± 10.3	(93.3 - 72.7)
	1 - 2	44	11	0	0	62.3 ± 13.3	(75.6 - 48.9)
	2 - 3	33	10	1	0	43.1 ± 13.7	(56.8 - 29.4)
	3 - 4	22	3	0	0	37.2 ± 13.4	(50.6 - 23.8)
	4 - 5	19	2	0	0	33.3 ± 13.1	(46.4 - 20.2)
	5 -	17			17		
	TOTAL	53	35	1	17		

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 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	3	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	1 - 2	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
	2 - 3	2	1	0	0	33.3 ± 54.4	(87.8 --21.1)
	3 - 4	1	0	0	0	33.3 ± 54.4	(87.8 --21.1)
	4 - 5	1	0	0	0	33.3 ± 54.4	(87.8 --21.1)
	5 -	1			1		
	TOTAL	3	2	0	1		
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	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	2	0	0	40.0 ± 43.8	(83.8 - -3.8)
	4 - 5	2	1	0	0	20.0 ± 35.8	(55.8 --15.8)
	5 -	1			1		
	TOTAL	5	4	0	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	27	5	0	0	81.5 ± 15.0	(96.4 - 66.5)
	1 - 2	22	5	0	0	63.0 ± 18.6	(81.5 - 44.4)
	2 - 3	17	3	1	0	51.5 ± 19.3	(70.9 - 32.2)
	3 - 4	13	1	0	0	47.6 ± 19.4	(67.0 - 28.1)
	4 - 5	12	2	0	0	39.6 ± 19.1	(58.8 - 20.5)
	5 -	10			10		
	TOTAL	27	16	1	10		
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	22	5	1	0	76.7 ± 18.2	(95.0 - 58.5)
	1 - 2	16	5	0	0	52.8 ± 21.8	(74.5 - 31.0)
	2 - 3	11	1	0	0	48.0 ± 21.8	(69.8 - 26.2)
	3 - 4	10	3	0	0	33.6 ± 20.6	(54.2 - 12.9)
	4 - 5	7	0	0	0	33.6 ± 20.6	(54.2 - 12.9)
	5 -	7			7		
	TOTAL	22	14	1	7		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		

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

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

A1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	0	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		

A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	10	1	1	0	89.5 ± 19.9	(109.4 - 69.6)
	1 - 2	8	3	0	0	55.9 ± 33.1	(89.0 - 22.9)
	2 - 3	5	2	0	0	33.6 ± 31.5	(65.1 - 2.0)
	3 - 4	3	1	0	0	22.4 ± 27.8	(50.2 - -5.5)
	4 - 5	2	0	0	0	22.4 ± 27.8	(50.2 - -5.5)
	5 -	2			2		
	TOTAL	10	7	1	2		

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	12	3	1	0	73.9 ± 25.9	(99.8 - 48.0)
	1 - 2	8	4	1	0	34.5 ± 29.5	(64.0 - 5.0)
	2 - 3	3	1	0	0	23.0 ± 27.2	(50.2 - -4.2)
	3 - 4	2	0	0	0	23.0 ± 27.2	(50.2 - -4.2)
	4 - 5	2	0	1	0	23.0 ± 27.2	(50.2 - -4.2)
	5 -	1			1		
	TOTAL	12	8	3	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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	33	2	1	0	93.8 ± 8.4	(102.3 - 85.4)
	1 - 2	30	0	0	0	93.8 ± 8.4	(102.3 - 85.4)
	2 - 3	30	1	2	0	90.6 ± 10.3	(100.9 - 80.3)
	3 - 4	27	0	2	0	90.6 ± 10.3	(100.9 - 80.3)
	4 - 5	25	1	1	0	86.9 ± 12.3	(99.2 - 74.6)
	5 -	23			23		
	TOTAL	33	4	6	23		

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	51	2	0	0	96.1 ± 5.4	(101.5 - 90.6)
	1 - 2	49	1	0	0	94.1 ± 6.6	(100.7 - 87.5)
	2 - 3	48	1	0	0	92.2 ± 7.5	(99.7 - 84.6)
	3 - 4	47	4	1	0	84.2 ± 10.2	(94.5 - 74.0)
	4 - 5	42	0	3	0	84.2 ± 10.2	(94.5 - 74.0)
	5 -	39			39		
	TOTAL	51	8	4	39		

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	58	2	1	0	96.5 ± 4.8	(101.4 - 91.7)
	1 - 2	55	2	2	0	92.9 ± 6.8	(99.7 - 86.1)
	2 - 3	51	1	1	0	91.1 ± 7.6	(98.7 - 83.5)
	3 - 4	49	1	1	0	89.2 ± 8.3	(97.5 - 80.9)
	4 - 5	47	3	2	0	83.4 ± 10.1	(93.5 - 73.3)
	5 -	42			42		
	TOTAL	58	9	7	42		

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	181	5	6	0	97.2 ± 2.5	(99.7 - 94.7)
	1 - 2	170	7	4	0	93.1 ± 3.8	(97.0 - 89.3)
	2 - 3	159	4	8	0	90.7 ± 4.4	(95.2 - 86.3)
	3 - 4	147	6	5	0	87.0 ± 5.2	(92.2 - 81.8)
	4 - 5	136	6	6	0	83.0 ± 5.9	(88.9 - 77.2)
	5 -	124			124		
	TOTAL	181	28	29	124		

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	321	15	12	0	95.2 ± 2.4	(97.6 - 92.8)
	1 - 2	294	12	3	0	91.3 ± 3.2	(94.5 - 88.1)
	2 - 3	279	11	6	0	87.7 ± 3.7	(91.4 - 83.9)
	3 - 4	262	14	13	0	82.9 ± 4.3	(87.2 - 78.6)
	4 - 5	235	16	17	0	77.0 ± 4.9	(81.9 - 72.1)
	5 -	202			202		
	TOTAL	321	68	51	202		

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	108	8	2	0	92.5 ± 5.1	(97.6 - 87.4)
	1 - 2	98	8	1	0	84.9 ± 6.9	(91.9 - 78.0)
	2 - 3	89	3	3	0	82.0 ± 7.5	(89.5 - 74.5)
	3 - 4	83	5	3	0	77.0 ± 8.3	(85.3 - 68.7)
	4 - 5	75	3	3	0	73.8 ± 8.7	(82.5 - 65.2)
	5 -	69			69		
	TOTAL	108	27	12	69		

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 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	16	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	16	1	0	0	93.8 ± 12.1	(105.9 - 81.6)
	2 - 3	15	0	0	0	93.8 ± 12.1	(105.9 - 81.6)
	3 - 4	15	0	1	0	93.8 ± 12.1	(105.9 - 81.6)
	4 - 5	14	1	0	0	87.1 ± 17.1	(104.2 - 69.9)
	5 -	13			13		
	TOTAL	16	2	1	13		

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	77	1	2	0	98.7 ± 2.6	(101.3 - 96.1)
	1 - 2	74	9	1	0	86.6 ± 7.9	(94.5 - 78.7)
	2 - 3	64	5	0	0	79.8 ± 9.3	(89.1 - 70.5)
	3 - 4	59	4	2	0	74.3 ± 10.2	(84.5 - 64.2)
	4 - 5	53	1	3	0	72.9 ± 10.4	(83.3 - 62.5)
	5 -	49			49		
	TOTAL	77	20	8	49		

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	138	7	7	0	94.8 ± 3.8	(98.6 - 91.0)
	1 - 2	124	14	3	0	84.0 ± 6.4	(90.4 - 77.5)
	2 - 3	107	8	3	0	77.6 ± 7.3	(84.9 - 70.3)
	3 - 4	96	2	6	0	75.9 ± 7.6	(83.5 - 68.4)
	4 - 5	88	6	6	0	70.6 ± 8.2	(78.8 - 62.4)
	5 -	76			76		
	TOTAL	138	37	25	76		

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	41	10	0	0	75.6 ± 13.4	(89.0 - 62.2)
	1 - 2	31	9	1	0	53.3 ± 15.7	(69.0 - 37.6)
	2 - 3	21	5	1	0	40.3 ± 15.6	(55.9 - 24.7)
	3 - 4	15	0	0	0	40.3 ± 15.6	(55.9 - 24.7)
	4 - 5	15	2	0	0	34.9 ± 15.2	(50.2 - 19.7)
	5 -	13			13		
	TOTAL	41	26	2	13		

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

pm

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

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	24	2	1	0	91.5 ± 11.5	(103.0 - 80.0)
1 - 2	21	3	0	0	78.4 ± 17.1	(95.5 - 61.3)
2 - 3	18	1	0	0	74.1 ± 18.2	(92.3 - 55.8)
3 - 4	17	1	0	0	69.7 ± 19.1	(88.8 - 50.6)
4 - 5	16	0	0	0	69.7 ± 19.1	(88.8 - 50.6)
5 -	16			16		
TOTAL	24	7	1	16		

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	81	9	2	0	88.8 ± 7.1	(95.8 - 81.7)
1 - 2	70	9	1	0	77.3 ± 9.4	(86.7 - 67.8)
2 - 3	60	7	1	0	68.2 ± 10.5	(78.7 - 57.6)
3 - 4	52	7	2	0	58.8 ± 11.2	(70.0 - 47.6)
4 - 5	43	5	0	0	52.0 ± 11.5	(63.4 - 40.5)
5 -	38			38		
TOTAL	81	37	6	38		

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	15	2	0	0	86.7 ± 17.6	(104.2 - 69.1)
1 - 2	13	1	1	0	79.7 ± 20.9	(100.7 - 58.8)
2 - 3	11	1	0	0	72.5 ± 23.5	(96.0 - 49.0)
3 - 4	10	2	0	0	58.0 ± 26.3	(84.3 - 31.7)
4 - 5	8	3	0	0	36.2 ± 25.8	(62.0 - 10.5)
5 -	5			5		
TOTAL	15	9	1	5		

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 FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
SS	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	15	3	1	0	79.3 ± 21.3	(100.6 - 58.0)
	1 - 2	11	5	0	0	43.3 ± 26.5	(69.8 - 16.8)
	2 - 3	6	1	0	0	36.1 ± 25.7	(61.8 - 10.3)
	3 - 4	5	1	0	0	28.8 ± 24.3	(53.1 - 4.6)
	4 - 5	4	0	0	0	28.8 ± 24.3	(53.1 - 4.6)
	5 -	4			4		
	TOTAL	15	10	1	4		
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	37	2	1	0	94.5 ± 7.5	(102.1 - 87.0)
	1 - 2	34	7	1	0	74.8 ± 14.6	(89.3 - 60.2)
	2 - 3	26	4	0	0	63.3 ± 16.2	(79.5 - 47.0)
	3 - 4	22	2	3	0	57.1 ± 16.8	(73.9 - 40.3)
	4 - 5	17	3	0	0	47.0 ± 17.4	(64.4 - 29.6)
	5 -	14			14		
	TOTAL	37	18	5	14		
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	9	2	0	0	77.8 ± 27.7	(105.5 - 50.1)
	1 - 2	7	5	0	0	22.2 ± 27.7	(49.9 - -5.5)
	2 - 3	2	0	0	0	22.2 ± 27.7	(49.9 - -5.5)
	3 - 4	2	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		

26-15 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 FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
sm	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
pm	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
SS	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLOW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R ± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	3	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	2 - 3	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
	3 - 4	2	0	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		
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	3	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	1 - 2	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
	2 - 3	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
	3 - 4	2	0	0	0	66.7 ± 54.4	(121.1 - 12.2)
	4 - 5	2	1	0	0	33.3 ± 54.4	(87.8 --21.1)
	5 -	1			1		
	TOTAL	3	2	0	1		
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	9	5	1	0	41.2 ± 33.8	(74.9 - 7.4)
	1 - 2	3	0	0	0	41.2 ± 33.8	(74.9 - 7.4)
	2 - 3	3	1	0	0	27.5 ± 31.8	(59.2 - -4.3)
	3 - 4	2	0	0	0	27.5 ± 31.8	(59.2 - -4.3)
	4 - 5	2	0	0	0	27.5 ± 31.8	(59.2 - -4.3)
	5 -	2			2		
	TOTAL	9	6	1	2		

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	28	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	28	1	0	0	96.4 ± 7.0	(103.4 - 89.4)
	2 - 3	27	0	3	0	96.4 ± 7.0	(103.4 - 89.4)
	3 - 4	24	0	3	0	96.4 ± 7.0	(103.4 - 89.4)
	4 - 5	21	1	3	0	91.5 ± 11.7	(103.2 - 79.8)
	5 -	17			17		
	TOTAL	28	2	9	17		
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	79	2	0	0	97.5 ± 3.5	(101.0 - 93.9)
	1 - 2	77	2	0	0	94.9 ± 4.9	(99.9 - 90.0)
	2 - 3	75	0	2	0	94.9 ± 4.9	(99.9 - 90.0)
	3 - 4	73	0	3	0	94.9 ± 4.9	(99.9 - 90.0)
	4 - 5	70	0	2	0	94.9 ± 4.9	(99.9 - 90.0)
	5 -	68			68		
	TOTAL	79	4	7	68		
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	135	4	3	0	97.0 ± 3.0	(100.0 - 94.1)
	1 - 2	128	4	2	0	93.9 ± 4.1	(98.1 - 89.8)
	2 - 3	122	5	4	0	90.0 ± 5.2	(95.3 - 84.8)
	3 - 4	113	2	3	0	88.4 ± 5.6	(94.0 - 82.8)
	4 - 5	108	5	2	0	82.3 ± 6.5	(90.8 - 77.8)
	5 -	101			101		
	TOTAL	135	20	14	101		
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	200	12	4	0	93.9 ± 3.4	(97.3 - 90.5)
	1 - 2	184	9	2	0	89.3 ± 4.4	(93.7 - 84.9)
	2 - 3	173	5	6	0	86.7 ± 4.9	(91.6 - 81.8)
	3 - 4	162	8	5	0	82.3 ± 5.5	(87.9 - 76.8)
	4 - 5	149	8	3	0	77.9 ± 6.0	(83.9 - 71.8)
	5 -	138			138		
	TOTAL	200	42	20	138		
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	278	16	4	0	94.2 ± 2.8	(97.0 - 91.4)
	1 - 2	258	12	6	0	89.8 ± 3.7	(93.4 - 86.1)
	2 - 3	240	19	5	0	82.6 ± 4.6	(87.2 - 78.0)
	3 - 4	216	7	5	0	79.9 ± 4.9	(84.8 - 75.0)
	4 - 5	204	10	5	0	75.9 ± 5.3	(81.2 - 70.7)
	5 -	189			189		
	TOTAL	278	64	25	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	85	7	0	0	91.8 ± 6.0	(97.7 - 85.8)
	1 - 2	78	14	0	0	75.3 ± 9.4	(84.7 - 65.9)
	2 - 3	64	7	5	0	66.7 ± 10.3	(77.0 - 56.4)
	3 - 4	52	3	3	0	62.8 ± 10.7	(73.4 - 52.1)
	4 - 5	46	5	0	0	55.9 ± 11.1	(67.0 - 44.8)
	5 -	41			41		
	TOTAL	85	36	8	41		

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	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	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 FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	34	0	3	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	31	1	1	0	96.7 ± 6.4	(103.2 - 90.3)
	2 - 3	29	1	2	0	93.3 ± 9.2	(102.5 - 84.1)
	3 - 4	26	2	1	0	86.0 ± 13.1	(99.0 - 72.9)
	4 - 5	23	5	0	0	67.3 ± 18.0	(85.2 - 49.3)
	5 -	18			18		
	TOTAL	34	9	7	18		
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	80	1	1	0	98.7 ± 2.5	(101.2 - 96.2)
	1 - 2	78	5	3	0	92.3 ± 6.0	(98.3 - 86.2)
	2 - 3	70	11	1	0	77.7 ± 9.6	(87.2 - 68.1)
	3 - 4	58	3	3	0	73.6 ± 10.2	(83.7 - 63.4)
	4 - 5	52	2	0	0	70.7 ± 10.5	(81.3 - 60.2)
	5 -	50			50		
	TOTAL	80	22	8	50		
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	127	6	3	0	95.2 ± 3.8	(99.0 - 91.4)
	1 - 2	118	11	1	0	86.3 ± 6.2	(92.5 - 80.1)
	2 - 3	106	17	2	0	72.3 ± 8.1	(80.4 - 64.3)
	3 - 4	87	7	5	0	66.3 ± 8.6	(74.9 - 57.8)
	4 - 5	75	10	2	0	57.4 ± 9.1	(66.5 - 48.3)
	5 -	63			63		
	TOTAL	127	51	13	63		
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	32	1	0	0	96.9 ± 6.2	(103.0 - 90.7)
	1 - 2	31	5	0	0	81.3 ± 13.8	(95.0 - 67.5)
	2 - 3	26	7	0	0	59.4 ± 17.4	(76.7 - 42.0)
	3 - 4	19	1	1	0	56.2 ± 17.6	(73.7 - 38.6)
	4 - 5	17	2	1	0	49.4 ± 17.9	(67.2 - 31.5)
	5 -	14			14		
	TOTAL	32	16	2	14		

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

sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO 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	1	0	100.0 ± 0.0	(100.0 - 100.0)
	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	15	1	0	0	93.3 ± 12.9	(106.2 - 80.5)
	1 - 2	14	1	0	0	86.7 ± 17.6	(104.2 - 69.1)
	2 - 3	13	0	0	0	86.7 ± 17.6	(104.2 - 69.1)
	3 - 4	13	3	0	0	66.7 ± 24.3	(91.0 - 42.3)
	4 - 5	10	0	1	0	66.7 ± 24.3	(91.0 - 42.3)
	5 -	9			9		
	TOTAL	15	5	1	9		

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	42	2	0	0	95.2 ± 6.6	(101.8 - 88.7)
	1 - 2	40	5	0	0	83.3 ± 11.5	(94.8 - 71.8)
	2 - 3	35	6	0	0	69.0 ± 14.3	(83.3 - 54.8)
	3 - 4	29	4	0	0	59.5 ± 15.1	(74.7 - 44.4)
	4 - 5	25	3	0	0	52.4 ± 15.4	(67.8 - 37.0)
	5 -	22			22		
	TOTAL	42	20	0	22		

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	93	6	1	0	93.5 ± 5.1	(98.6 - 88.4)
	1 - 2	86	21	2	0	70.4 ± 9.6	(80.0 - 60.8)
	2 - 3	63	15	1	0	53.5 ± 10.5	(64.0 - 43.0)
	3 - 4	47	4	0	0	49.0 ± 10.6	(59.5 - 38.4)
	4 - 5	43	4	1	0	44.3 ± 10.5	(54.9 - 33.8)
	5 -	38			38		
	TOTAL	93	50	5	38		

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	35	4	1	0	88.4 ± 10.9	(99.3 - 77.5)
	1 - 2	30	10	1	0	58.4 ± 17.0	(75.4 - 41.4)
	2 - 3	19	9	0	0	30.8 ± 16.1	(46.9 - 14.7)
	3 - 4	10	2	0	0	24.6 ± 15.1	(39.7 - 9.6)
	4 - 5	8	0	1	0	24.6 ± 15.1	(39.7 - 9.6)
	5 -	7			7		
	TOTAL	35	25	3	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 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	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		

a1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	5	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	3	0	0	40.0 ± 43.8	(83.8 - -3.8)
	3 - 4	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	4 - 5	2	1	0	0	20.0 ± 35.8	(55.8 --15.8)
	5 -	1			1		
	TOTAL	5	4	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	22	1	0	0	95.5 ± 8.9	(104.3 - 86.6)
	1 - 2	21	8	1	0	58.2 ± 21.3	(79.5 - 36.9)
	2 - 3	12	4	0	0	38.8 ± 21.3	(60.1 - 17.5)
	3 - 4	8	0	0	0	38.8 ± 21.3	(60.1 - 17.5)
	4 - 5	8	2	0	0	29.1 ± 19.9	(49.0 - 9.2)
	5 -	6			6		
	TOTAL	22	15	1	6		

ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	17	6	0	0	64.7 ± 23.2	(87.9 - 41.5)
	1 - 2	11	2	0	0	52.9 ± 24.2	(77.2 - 28.7)
	2 - 3	9	1	0	0	47.1 ± 24.2	(71.3 - 22.8)
	3 - 4	8	5	0	0	17.6 ± 18.5	(36.1 - -0.8)
	4 - 5	3	0	1	0	17.6 ± 18.5	(36.1 - -0.8)
	5 -	2			2		
	TOTAL	17	14	1	2		

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	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		

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	7	2	0	0	71.4 ± 34.1	(105.6 - 37.3)
	1 - 2	5	3	0	0	28.6 ± 34.1	(62.7 - -5.6)
	2 - 3	2	2	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	7	7	0	0		

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	6	4	0	0	33.3 ± 38.5	(71.8 - -5.2)
	1 - 2	2	2	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	6	6	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	142	7	3	0	95.0 ± 3.7	(98.7 - 91.3)
	1 - 2	132	4	2	0	92.1 ± 4.6	(96.7 - 87.6)
	2 - 3	126	4	3	0	89.2 ± 5.3	(94.4 - 83.9)
	3 - 4	119	5	3	0	85.4 ± 6.1	(91.4 - 79.3)
	4 - 5	111	4	5	0	82.2 ± 6.6	(88.8 - 75.6)
	5 -	102			102		
	TOTAL	142	24	16	102		
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	240	12	5	0	94.9 ± 2.8	(97.8 - 92.1)
	1 - 2	223	12	4	0	89.8 ± 4.0	(93.7 - 85.8)
	2 - 3	207	6	7	0	87.1 ± 4.4	(91.5 - 82.8)
	3 - 4	194	10	9	0	82.5 ± 5.0	(87.6 - 77.5)
	4 - 5	175	8	13	0	78.6 ± 5.5	(84.1 - 73.1)
	5 -	154			154		
	TOTAL	240	48	38	154		
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	494	27	20	0	94.4 ± 2.1	(96.5 - 92.3)
	1 - 2	447	44	6	0	85.1 ± 3.3	(88.3 - 81.8)
	2 - 3	397	25	7	0	79.7 ± 3.7	(83.4 - 76.0)
	3 - 4	365	14	15	0	76.5 ± 3.9	(80.5 - 72.6)
	4 - 5	336	24	14	0	71.0 ± 4.2	(75.2 - 66.7)
	5 -	298			298		
	TOTAL	494	134	62	298		
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	372	30	10	0	91.8 ± 2.9	(94.7 - 89.0)
	1 - 2	332	35	6	0	82.1 ± 4.0	(86.1 - 78.0)
	2 - 3	291	15	8	0	77.8 ± 4.4	(82.2 - 73.4)
	3 - 4	268	23	13	0	70.9 ± 4.8	(75.8 - 66.1)
	4 - 5	232	16	7	0	66.0 ± 5.1	(71.1 - 60.9)
	5 -	209			209		
	TOTAL	372	119	44	209		
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	341	168	9	0	50.1 ± 5.5	(55.5 - 44.6)
	1 - 2	164	68	4	0	29.1 ± 5.0	(34.1 - 24.0)
	2 - 3	92	24	1	0	21.4 ± 4.6	(26.0 - 16.9)
	3 - 4	67	10	1	0	18.2 ± 4.3	(22.5 - 13.9)
	4 - 5	56	8	5	0	15.5 ± 4.1	(19.6 - 11.4)
	5 -	43			43		
	TOTAL	341	278	20	43		

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

I	<div> <div>YEAR OF OBSERVAT</div> <div>ALIVE AT BEGINNING</div> <div>DIED IN INTERVAL</div> <div>LOST TO FOLLOW-UP</div> <div>WITHDRAWN IN ALIVE</div> <div>CUMULATIVE SURV.R ± 2SE</div> <div>GREENWOOD'S 5% STD ERROR</div> </div> <div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> </div> <div> <div>0 - 1</div> <div>248</div> <div>4</div> <div>6</div> <div>0</div> <div>98.4 ± 1.6</div> <div>(100.0 - 96.7)</div> </div> <div> <div>1 - 2</div> <div>238</div> <div>9</div> <div>2</div> <div>0</div> <div>94.6 ± 2.9</div> <div>(97.5 - 91.7)</div> </div> <div> <div>2 - 3</div> <div>227</div> <div>6</div> <div>10</div> <div>0</div> <div>92.1 ± 3.5</div> <div>(95.6 - 88.6)</div> </div> <div> <div>3 - 4</div> <div>211</div> <div>5</div> <div>13</div> <div>0</div> <div>89.8 ± 3.9</div> <div>(93.8 - 85.9)</div> </div> <div> <div>4 - 5</div> <div>193</div> <div>5</div> <div>8</div> <div>0</div> <div>87.4 ± 4.4</div> <div>(91.8 - 83.1)</div> </div> <div> <div>5 -</div> <div>180</div> <div></div> <div></div> <div>180</div> <div></div> <div></div> </div> <div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> </div> <div> <div>TOTAL</div> <div>248</div> <div>29</div> <div>39</div> <div>180</div> <div></div> <div></div> </div>
II	<div> <div>YEAR OF OBSERVAT</div> <div>ALIVE AT BEGINNING</div> <div>DIED IN INTERVAL</div> <div>LOST TO FOLLOW-UP</div> <div>WITHDRAWN IN ALIVE</div> <div>CUMULATIVE SURV.R ± 2SE</div> <div>GREENWOOD'S 5% STD ERROR</div> </div> <div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> </div> <div> <div>0 - 1</div> <div>308</div> <div>15</div> <div>6</div> <div>0</div> <div>95.1 ± 2.5</div> <div>(97.6 - 92.6)</div> </div> <div> <div>1 - 2</div> <div>287</div> <div>15</div> <div>5</div> <div>0</div> <div>90.1 ± 3.4</div> <div>(93.5 - 86.6)</div> </div> <div> <div>2 - 3</div> <div>267</div> <div>19</div> <div>11</div> <div>0</div> <div>83.5 ± 4.3</div> <div>(87.8 - 79.2)</div> </div> <div> <div>3 - 4</div> <div>237</div> <div>10</div> <div>4</div> <div>0</div> <div>80.0 ± 4.7</div> <div>(84.6 - 75.3)</div> </div> <div> <div>4 - 5</div> <div>223</div> <div>8</div> <div>8</div> <div>0</div> <div>77.0 ± 4.9</div> <div>(82.0 - 72.1)</div> </div> <div> <div>5 -</div> <div>207</div> <div></div> <div></div> <div>207</div> <div></div> <div></div> </div> <div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> </div> <div> <div>TOTAL</div> <div>308</div> <div>67</div> <div>34</div> <div>207</div> <div></div> <div></div> </div>
III	<div> <div>YEAR OF OBSERVAT</div> <div>ALIVE AT BEGINNING</div> <div>DIED IN INTERVAL</div> <div>LOST TO FOLLOW-UP</div> <div>WITHDRAWN IN ALIVE</div> <div>CUMULATIVE SURV.R ± 2SE</div> <div>GREENWOOD'S 5% STD ERROR</div> </div> <div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> </div> <div> <div>0 - 1</div> <div>470</div> <div>22</div> <div>7</div> <div>0</div> <div>95.3 ± 2.0</div> <div>(97.2 - 93.3)</div> </div> <div> <div>1 - 2</div> <div>441</div> <div>48</div> <div>8</div> <div>0</div> <div>84.8 ± 3.3</div> <div>(88.2 - 81.5)</div> </div> <div> <div>2 - 3</div> <div>385</div> <div>45</div> <div>8</div> <div>0</div> <div>74.8 ± 4.1</div> <div>(78.9 - 70.7)</div> </div> <div> <div>3 - 4</div> <div>332</div> <div>16</div> <div>16</div> <div>0</div> <div>71.1 ± 4.3</div> <div>(75.4 - 66.8)</div> </div> <div> <div>4 - 5</div> <div>300</div> <div>27</div> <div>5</div> <div>0</div> <div>64.7 ± 4.5</div> <div>(69.2 - 60.1)</div> </div> <div> <div>5 -</div> <div>268</div> <div></div> <div></div> <div>268</div> <div></div> <div></div> </div> <div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> </div> <div> <div>TOTAL</div> <div>470</div> <div>158</div> <div>44</div> <div>268</div> <div></div> <div></div> </div>
IV	<div> <div>YEAR OF OBSERVAT</div> <div>ALIVE AT BEGINNING</div> <div>DIED IN INTERVAL</div> <div>LOST TO FOLLOW-UP</div> <div>WITHDRAWN IN ALIVE</div> <div>CUMULATIVE SURV.R ± 2SE</div> <div>GREENWOOD'S 5% STD ERROR</div> </div> <div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> </div> <div> <div>0 - 1</div> <div>300</div> <div>31</div> <div>1</div> <div>0</div> <div>89.6 ± 3.5</div> <div>(93.2 - 86.1)</div> </div> <div> <div>1 - 2</div> <div>268</div> <div>42</div> <div>3</div> <div>0</div> <div>75.5 ± 5.0</div> <div>(80.5 - 70.5)</div> </div> <div> <div>2 - 3</div> <div>223</div> <div>40</div> <div>3</div> <div>0</div> <div>61.9 ± 5.6</div> <div>(67.5 - 56.2)</div> </div> <div> <div>3 - 4</div> <div>180</div> <div>22</div> <div>2</div> <div>0</div> <div>54.3 ± 5.8</div> <div>(60.1 - 48.5)</div> </div> <div> <div>4 - 5</div> <div>156</div> <div>17</div> <div>2</div> <div>0</div> <div>48.3 ± 5.8</div> <div>(54.2 - 42.5)</div> </div> <div> <div>5 -</div> <div>137</div> <div></div> <div></div> <div>137</div> <div></div> <div></div> </div> <div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> </div> <div> <div>TOTAL</div> <div>300</div> <div>152</div> <div>11</div> <div>137</div> <div></div> <div></div> </div>
V	<div> <div>YEAR OF OBSERVAT</div> <div>ALIVE AT BEGINNING</div> <div>DIED IN INTERVAL</div> <div>LOST TO FOLLOW-UP</div> <div>WITHDRAWN IN ALIVE</div> <div>CUMULATIVE SURV.R ± 2SE</div> <div>GREENWOOD'S 5% STD ERROR</div> </div> <div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> <div>=====</div> </div> <div> <div>0 - 1</div> <div>214</div> <div>72</div> <div>3</div> <div>0</div> <div>66.1 ± 6.5</div> <div>(72.6 - 59.6)</div> </div> <div> <div>1 - 2</div> <div>139</div> <div>73</div> <div>3</div> <div>0</div> <div>31.0 ± 6.4</div> <div>(37.4 - 24.6)</div> </div> <div> <div>2 - 3</div> <div>63</div> <div>20</div> <div>2</div> <div>0</div> <div>21.0 ± 5.7</div> <div>(26.7 - 15.3)</div> </div> <div> <div>3 - 4</div> <div>41</div> <div>10</div> <div>0</div> <div>0</div> <div>15.9 ± 5.1</div> <div>(21.0 - 10.7)</div> </div> <div> <div>4 - 5</div> <div>31</div> <div>3</div> <div>2</div> <div>0</div> <div>14.3 ± 4.9</div> <div>(19.2 - 9.4)</div> </div> <div> <div>5 -</div> <div>26</div> <div></div> <div></div> <div>26</div> <div></div> <div></div> </div> <div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> <div>-----</div> </div> <div> <div>TOTAL</div> <div>214</div> <div>178</div> <div>10</div> <div>26</div> <div></div> <div></div> </div>

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

Colon, 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	191	10	7	0	94.7 ± 3.3	(97.9 - 91.4)
	1 - 2	174	2	3	0	93.6 ± 3.6	(97.2 - 90.0)
	2 - 3	169	6	3	0	90.2 ± 4.4	(94.6 - 85.8)
	3 - 4	160	6	5	0	86.8 ± 5.0	(91.8 - 81.7)
	4 - 5	149	6	8	0	83.2 ± 5.6	(88.8 - 77.6)
	5 -	135			135		
	TOTAL	191	30	26	135		
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	589	25	18	0	95.7 ± 1.7	(97.4 - 94.0)
	1 - 2	546	30	7	0	90.4 ± 2.5	(92.9 - 87.9)
	2 - 3	509	14	20	0	87.9 ± 2.7	(90.6 - 85.1)
	3 - 4	475	24	21	0	83.3 ± 3.2	(86.5 - 80.2)
	4 - 5	430	26	25	0	78.1 ± 3.6	(81.7 - 74.6)
	5 -	379			379		
	TOTAL	589	119	91	379		
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	341	22	11	0	93.4 ± 2.7	(96.1 - 90.7)
	1 - 2	308	38	6	0	81.8 ± 4.3	(86.1 - 77.5)
	2 - 3	264	22	4	0	74.9 ± 4.8	(79.7 - 70.1)
	3 - 4	238	9	10	0	72.0 ± 5.0	(77.0 - 67.1)
	4 - 5	219	11	13	0	68.3 ± 5.2	(73.5 - 63.1)
	5 -	195			195		
	TOTAL	341	102	44	195		
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	191	22	6	0	88.3 ± 4.7	(93.0 - 83.6)
	1 - 2	163	31	3	0	71.3 ± 6.7	(78.0 - 64.7)
	2 - 3	129	15	1	0	63.0 ± 7.1	(70.2 - 55.9)
	3 - 4	113	14	5	0	55.0 ± 7.4	(62.4 - 47.6)
	4 - 5	94	10	0	0	49.2 ± 7.5	(56.7 - 41.7)
	5 -	84			84		
	TOTAL	191	92	15	84		
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	305	137	8	0	54.5 ± 5.7	(60.2 - 48.7)
	1 - 2	160	72	4	0	29.7 ± 5.3	(35.0 - 24.3)
	2 - 3	84	20	1	0	22.6 ± 4.9	(27.5 - 17.6)
	3 - 4	63	11	1	0	18.6 ± 4.6	(23.2 - 14.0)
	4 - 5	51	8	4	0	15.5 ± 4.3	(19.9 - 11.2)
	5 -	39			39		
	TOTAL	305	248	18	39		

27-4 Cumulative survival rate by histological 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	243	6	4	0	97.5 ± 2.0	(99.5 - 95.5)
	1 - 2	233	7	2	0	94.6 ± 2.9	(97.5 - 91.6)
	2 - 3	224	5	9	0	92.4 ± 3.4	(95.9 - 89.0)
	3 - 4	210	2	9	0	91.5 ± 3.6	(95.1 - 87.9)
	4 - 5	199	6	7	0	88.7 ± 4.2	(92.9 - 84.5)
	5 -	186			186		
	TOTAL	243	26	31	186		
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	485	28	8	0	94.2 ± 2.1	(96.3 - 92.0)
	1 - 2	449	21	8	0	89.7 ± 2.8	(92.5 - 87.0)
	2 - 3	420	24	11	0	84.5 ± 3.3	(87.9 - 81.2)
	3 - 4	385	15	10	0	81.2 ± 3.6	(84.8 - 77.6)
	4 - 5	360	18	8	0	77.1 ± 3.9	(81.0 - 73.2)
	5 -	334			334		
	TOTAL	485	106	45	334		
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	366	17	8	0	95.3 ± 2.2	(97.5 - 93.1)
	1 - 2	341	39	5	0	84.3 ± 3.8	(88.2 - 80.5)
	2 - 3	297	43	10	0	71.9 ± 4.8	(76.7 - 67.1)
	3 - 4	244	17	13	0	66.8 ± 5.1	(71.8 - 61.7)
	4 - 5	214	24	3	0	59.2 ± 5.3	(64.6 - 53.9)
	5 -	187			187		
	TOTAL	366	140	39	187		
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	233	20	2	0	91.4 ± 3.7	(95.1 - 87.7)
	1 - 2	211	47	4	0	70.8 ± 6.0	(76.8 - 64.8)
	2 - 3	160	38	1	0	54.0 ± 6.6	(60.6 - 47.3)
	3 - 4	121	18	1	0	45.9 ± 6.6	(52.5 - 39.3)
	4 - 5	102	11	4	0	40.8 ± 6.6	(47.4 - 34.3)
	5 -	87			87		
	TOTAL	233	134	12	87		
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	195	70	1	0	64.0 ± 6.9	(70.9 - 57.1)
	1 - 2	124	65	4	0	29.9 ± 6.6	(36.5 - 23.3)
	2 - 3	55	20	2	0	18.8 ± 5.7	(24.6 - 13.1)
	3 - 4	33	9	0	0	13.7 ± 5.1	(18.8 - 8.6)
	4 - 5	24	3	1	0	11.9 ± 4.8	(16.8 - 7.1)
	5 -	20			20		
	TOTAL	195	167	8	20		

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	182	10	7	0	94.4 ± 3.4	(97.8 - 91.0)
	1 - 2	165	2	2	0	93.2 ± 3.8	(97.0 - 89.5)
	2 - 3	161	5	3	0	90.3 ± 4.5	(94.8 - 85.9)
	3 - 4	153	6	5	0	86.7 ± 5.2	(91.9 - 81.6)
	4 - 5	142	6	7	0	83.0 ± 5.8	(88.7 - 77.2)
	5 -	129			129		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	182	29	24	129		
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	602	23	18	0	96.1 ± 1.6	(97.7 - 94.5)
	1 - 2	561	26	8	0	91.6 ± 2.3	(93.9 - 89.3)
	2 - 3	527	16	19	0	88.8 ± 2.6	(91.4 - 86.2)
	3 - 4	492	23	21	0	84.6 ± 3.0	(87.6 - 81.5)
	4 - 5	448	25	27	0	79.7 ± 3.4	(83.1 - 76.3)
	5 -	396			396		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	602	113	93	396		
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	433	31	14	0	92.7 ± 2.5	(95.2 - 90.2)
	1 - 2	388	55	5	0	79.5 ± 3.9	(83.4 - 75.5)
	2 - 3	328	29	5	0	72.4 ± 4.4	(76.8 - 68.0)
	3 - 4	294	18	13	0	67.9 ± 4.6	(72.5 - 63.3)
	4 - 5	263	20	10	0	62.6 ± 4.8	(67.4 - 57.8)
	5 -	233			233		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	433	153	47	233		

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	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	4	3	0	1		

Dukes B	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	81	28	3	0	64.8 ± 10.7	(75.5 - 54.1)
	1 - 2	50	18	1	0	41.2 ± 11.2	(52.4 - 30.0)
	2 - 3	31	7	1	0	31.8 ± 10.7	(42.4 - 21.1)
	3 - 4	23	5	0	0	24.9 ± 10.0	(34.8 - 14.9)
	4 - 5	18	3	2	0	20.5 ± 9.4	(29.9 - 11.1)
	5 -	13			13		
	TOTAL	81	61	7	13		

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	261	120	8	0	53.3 ± 6.2	(59.5 - 47.1)
	1 - 2	133	64	5	0	27.2 ± 5.6	(32.8 - 21.5)
	2 - 3	64	15	1	0	20.7 ± 5.2	(25.9 - 15.6)
	3 - 4	48	7	2	0	17.7 ± 4.9	(22.6 - 12.7)
	4 - 5	39	7	2	0	14.4 ± 4.6	(19.0 - 9.8)
	5 -	30			30		
	TOTAL	261	213	18	30		

28-3 Cumulative survival rate for patients following curative resection by
Dukes classification

Rectum, Adenocarcinoma

Dukes A	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	327	5	5	0	98.5 ± 1.4	(99.8 - 97.1)
	1 - 2	317	9	1	0	95.7 ± 2.3	(97.9 - 93.4)
	2 - 3	307	6	11	0	93.8 ± 2.7	(96.5 - 91.1)
	3 - 4	290	2	13	0	93.1 ± 2.8	(95.9 - 90.3)
	4 - 5	275	7	14	0	90.7 ± 3.3	(94.0 - 87.4)
	5 -	254			254		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	327	29	44	254		
Dukes B	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	486	34	6	0	93.0 ± 2.3	(95.3 - 90.6)
	1 - 2	446	31	8	0	86.4 ± 3.1	(89.6 - 83.3)
	2 - 3	407	30	14	0	80.0 ± 3.7	(83.6 - 76.3)
	3 - 4	363	18	9	0	75.9 ± 4.0	(79.9 - 72.0)
	4 - 5	336	19	9	0	71.6 ± 4.2	(75.8 - 67.4)
	5 -	308			308		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	486	132	46	308		
Dukes C	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	456	20	8	0	95.6 ± 1.9	(97.5 - 93.6)
	1 - 2	428	62	8	0	81.6 ± 3.7	(85.3 - 77.9)
	2 - 3	358	60	7	0	67.8 ± 4.5	(72.2 - 63.3)
	3 - 4	291	27	10	0	61.4 ± 4.7	(66.1 - 56.7)
	4 - 5	254	24	10	0	55.5 ± 4.8	(60.3 - 50.7)
	5 -	220			220		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	456	193	43	220		

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

Rectum, Adenocarcinoma

Dukes A	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	7	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	6	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	6	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	6	1	0	0	83.3 ± 30.4	(113.8 - 52.9)
	4 - 5	5	2	0	0	50.0 ± 40.8	(90.8 - 9.2)
	5 -	3			3		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	7	3	1	3		
Dukes B	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	66	8	0	0	87.9 ± 8.0	(95.9 - 79.8)
	1 - 2	58	24	2	0	50.9 ± 12.4	(63.3 - 38.5)
	2 - 3	32	10	2	0	34.5 ± 12.0	(46.4 - 22.5)
	3 - 4	20	2	1	0	30.9 ± 11.7	(42.7 - 19.2)
	4 - 5	17	5	0	0	21.8 ± 10.7	(32.6 - 11.1)
	5 -	12			12		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	66	49	5	12		
Dukes C	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	207	69	1	0	66.6 ± 6.6	(73.2 - 60.0)
	1 - 2	137	62	4	0	36.0 ± 6.7	(42.7 - 29.3)
	2 - 3	71	26	4	0	22.4 ± 5.9	(28.4 - 16.5)
	3 - 4	41	11	1	0	16.3 ± 5.3	(21.7 - 11.0)
	4 - 5	29	6	6	0	12.6 ± 4.9	(17.5 - 7.7)
	5 -	17			17		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	207	174	16	17		

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	98	6	2	0	93.8 ± 4.9	(98.7 - 88.9)
	1 - 2	90	2	0	0	91.7 ± 5.6	(97.3 - 86.1)
	2 - 3	88	3	2	0	88.6 ± 6.5	(95.1 - 82.1)
	3 - 4	83	4	4	0	84.2 ± 7.5	(91.7 - 76.7)
	4 - 5	75	3	5	0	80.7 ± 8.2	(88.9 - 72.5)
	5 -	67			67		
	TOTAL	98	18	13	67		
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	84	4	5	0	95.1 ± 4.8	(99.9 - 90.3)
	1 - 2	75	0	2	0	95.1 ± 4.8	(99.9 - 90.3)
	2 - 3	73	2	1	0	92.5 ± 5.9	(98.4 - 86.5)
	3 - 4	70	2	1	0	89.8 ± 6.8	(96.6 - 83.0)
	4 - 5	67	3	2	0	85.7 ± 8.0	(93.7 - 77.7)
	5 -	62			62		
	TOTAL	84	11	11	62		
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	602	23	18	0	96.1 ± 1.6	(97.7 - 94.5)
	1 - 2	561	26	8	0	91.6 ± 2.3	(93.9 - 89.3)
	2 - 3	527	16	19	0	88.8 ± 2.6	(91.4 - 86.2)
	3 - 4	492	23	21	0	84.6 ± 3.0	(87.6 - 81.5)
	4 - 5	448	25	27	0	79.7 ± 3.4	(83.1 - 76.3)
	5 -	396			396		
	TOTAL	602	113	93	396		
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	24	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	24	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	24	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	24	0	2	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	22	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	5 -	21			21		
	TOTAL	24	0	3	21		
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	409	31	14	0	92.3 ± 2.7	(94.9 - 89.6)
	1 - 2	364	55	5	0	78.2 ± 4.2	(82.4 - 74.1)
	2 - 3	304	29	5	0	70.7 ± 4.6	(75.3 - 66.1)
	3 - 4	270	18	11	0	65.9 ± 4.8	(70.7 - 61.1)
	4 - 5	241	20	9	0	60.3 ± 5.0	(65.3 - 55.3)
	5 -	212			212		
	TOTAL	409	153	44	212		

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 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	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	1	0	0	33.3 ± 54.4	(87.8 --21.1)
	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	3	3	0	0		
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	81	28	3	0	64.8 ± 10.7	(75.5 - 54.1)
	1 - 2	50	18	1	0	41.2 ± 11.2	(52.4 - 30.0)
	2 - 3	31	7	1	0	31.8 ± 10.7	(42.4 - 21.1)
	3 - 4	23	5	0	0	24.9 ± 10.0	(34.8 - 14.9)
	4 - 5	18	3	2	0	20.5 ± 9.4	(29.9 - 11.1)
	5 -	13			13		
	TOTAL	81	61	7	13		
C1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	5	1	0	0	80.0 ± 35.8	(115.8 - 44.2)
	1 - 2	4	1	0	0	60.0 ± 43.8	(103.8 - 16.2)
	2 - 3	3	0	0	0	60.0 ± 43.8	(103.8 - 16.2)
	3 - 4	3	1	0	0	40.0 ± 43.8	(83.8 - -3.8)
	4 - 5	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	5 -	2			2		
	TOTAL	5	3	0	2		
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	256	119	8	0	52.8 ± 6.3	(59.1 - 46.5)
	1 - 2	129	63	5	0	26.5 ± 5.7	(32.1 - 20.8)
	2 - 3	61	15	1	0	19.9 ± 5.2	(25.1 - 14.8)
	3 - 4	45	6	2	0	17.2 ± 4.9	(22.1 - 12.3)
	4 - 5	37	7	2	0	13.9 ± 4.6	(18.4 - 9.3)
	5 -	28			28		
	TOTAL	256	210	18	28		

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	125	1	0	0	99.2 ± 1.6	(100.8 - 97.6)
	1 - 2	124	3	0	0	96.8 ± 3.1	(99.9 - 93.7)
	2 - 3	121	2	6	0	95.2 ± 3.9	(99.0 - 91.3)
	3 - 4	113	0	6	0	95.2 ± 3.9	(99.0 - 91.3)
	4 - 5	107	2	9	0	93.3 ± 4.6	(97.9 - 88.7)
	5 -	96			96		
	TOTAL	125	8	21	96		
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	202	4	5	0	98.0 ± 2.0	(100.0 - 96.0)
	1 - 2	193	6	1	0	94.9 ± 3.1	(98.1 - 91.8)
	2 - 3	186	4	5	0	92.9 ± 3.7	(96.5 - 89.2)
	3 - 4	177	2	7	0	91.8 ± 3.9	(95.7 - 87.9)
	4 - 5	168	5	5	0	89.0 ± 4.5	(93.6 - 84.5)
	5 -	158			158		
	TOTAL	202	21	23	158		
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	486	34	6	0	93.0 ± 2.3	(95.3 - 90.6)
	1 - 2	446	31	8	0	86.4 ± 3.1	(89.6 - 83.3)
	2 - 3	407	30	14	0	80.0 ± 3.7	(83.6 - 76.3)
	3 - 4	363	18	9	0	75.9 ± 4.0	(79.9 - 72.0)
	4 - 5	336	19	9	0	71.6 ± 4.2	(75.8 - 67.4)
	5 -	308			308		
	TOTAL	486	132	46	308		
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	80	1	4	0	98.7 ± 2.5	(101.3 - 96.2)
	1 - 2	75	3	2	0	94.7 ± 5.1	(99.9 - 89.6)
	2 - 3	70	3	3	0	90.6 ± 6.8	(97.4 - 83.8)
	3 - 4	64	7	3	0	80.4 ± 9.4	(89.8 - 71.0)
	4 - 5	54	7	1	0	69.9 ± 11.0	(80.9 - 58.9)
	5 -	46			46		
	TOTAL	80	21	13	46		
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	376	19	4	0	94.9 ± 2.3	(97.2 - 92.6)
	1 - 2	353	59	6	0	78.9 ± 4.2	(83.2 - 74.7)
	2 - 3	288	57	4	0	63.2 ± 5.0	(68.2 - 58.1)
	3 - 4	227	20	7	0	57.5 ± 5.2	(62.7 - 52.3)
	4 - 5	200	17	9	0	52.5 ± 5.3	(57.8 - 47.3)
	5 -	174			174		
	TOTAL	376	172	30	174		

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

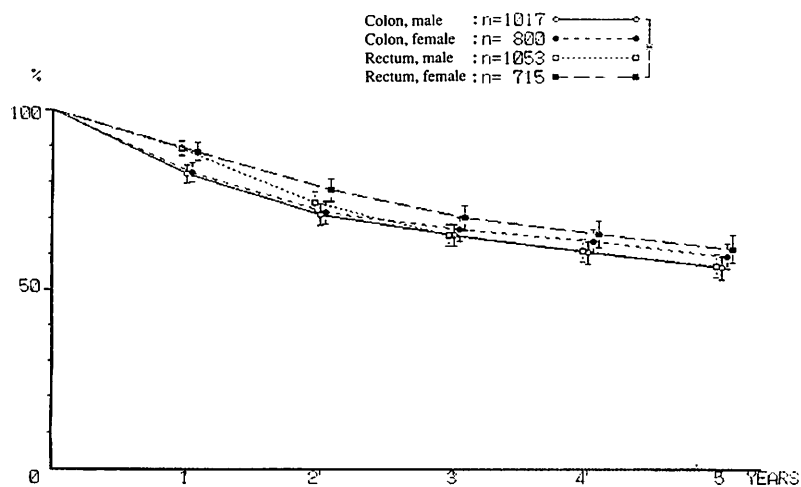
Rectum, Adenocarcinoma

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	4	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	3	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	4 - 5	2	1	0	0	33.3 ± 54.4	(87.8 --21.1)
	5 -	1			1		
	TOTAL	4	2	1	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	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	3	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	3	1	0	0	66.7 ± 54.4	(121.1 - 12.2)
	5 -	2			2		
	TOTAL	3	1	0	2		
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	66	8	0	0	87.9 ± 8.0	(95.9 - 79.8)
	1 - 2	58	24	2	0	50.9 ± 12.4	(63.3 - 38.5)
	2 - 3	32	10	2	0	34.5 ± 12.0	(46.4 - 22.5)
	3 - 4	20	2	1	0	30.9 ± 11.7	(42.7 - 19.2)
	4 - 5	17	5	0	0	21.8 ± 10.7	(32.6 - 11.1)
	5 -	12			12		
	TOTAL	66	49	5	12		
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	5	3	0	0	40.0 ± 43.8	(83.8 - -3.8)
	1 - 2	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	2 - 3	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	3 - 4	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	4 - 5	2	0	0	0	40.0 ± 43.8	(83.8 - -3.8)
	5 -	2			2		
	TOTAL	5	3	0	2		
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	202	66	1	0	67.2 ± 6.6	(73.9 - 60.6)
	1 - 2	135	62	4	0	35.9 ± 6.8	(42.7 - 29.1)
	2 - 3	69	26	4	0	22.0 ± 6.0	(27.9 - 16.0)
	3 - 4	39	11	1	0	15.7 ± 5.3	(21.0 - 10.4)
	4 - 5	27	6	6	0	11.8 ± 4.9	(16.6 - 6.9)
	5 -	15			15		
	TOTAL	202	171	16	15		

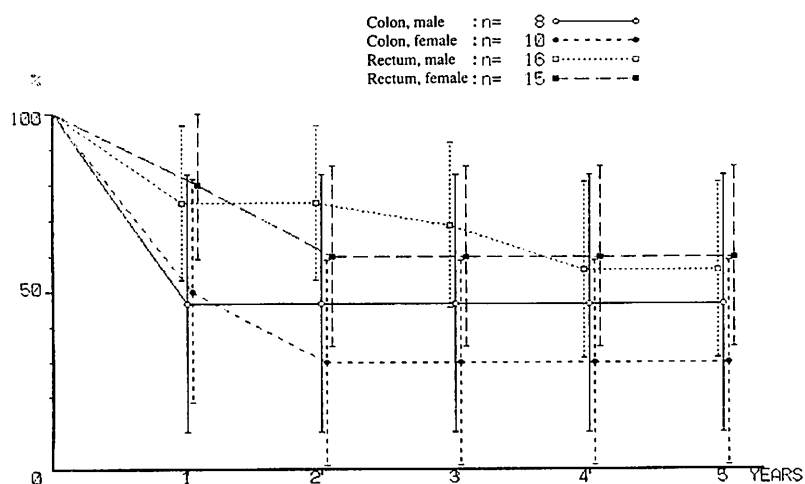
Appendix

Figures of life tables

16-1. Sex.
Adenocarcinoma.

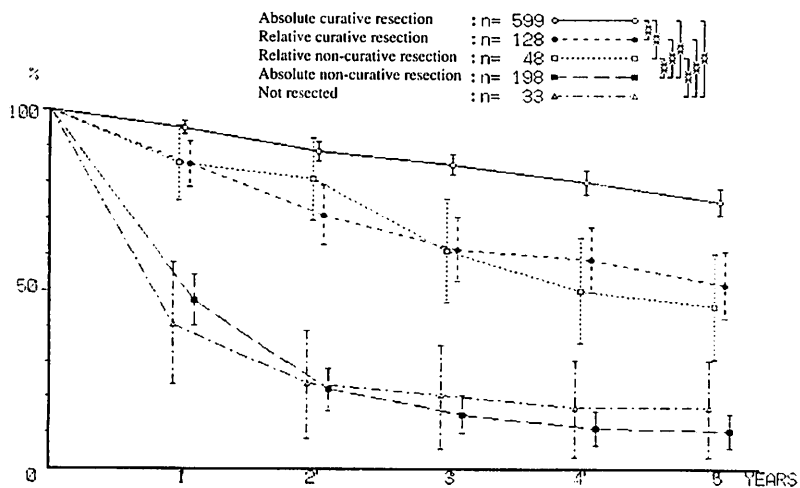


16-2. Sex.
Malignant neoplasms
other than
adenocarcinoma.

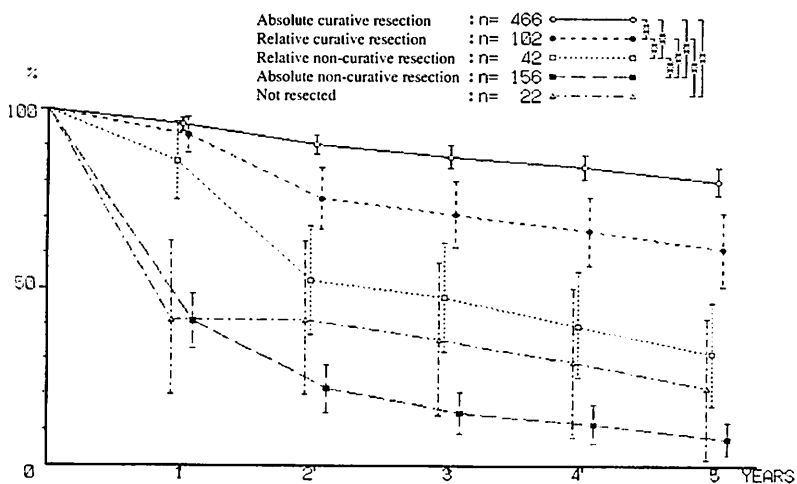


SURVIVAL RATE
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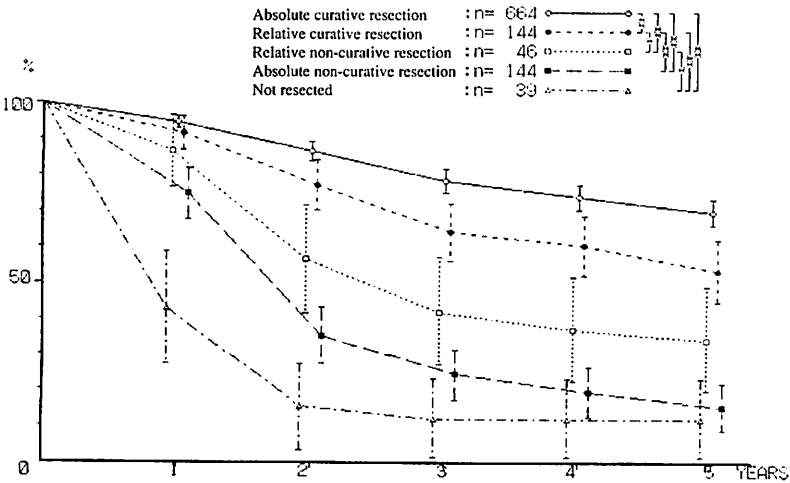
17-1 Macroscopic operative curability.
Colon, Male.



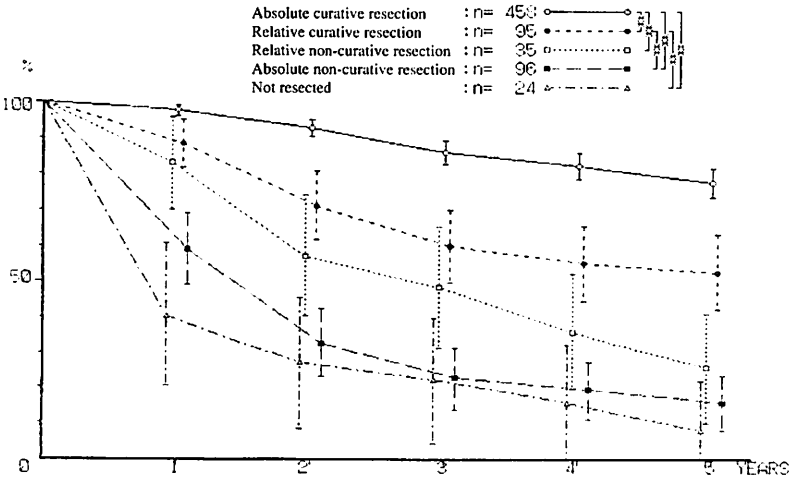
17-2 Macroscopic operative curability.
Colon, Female.



17-3 Macroscopic operative curability.
Rectum, Male.

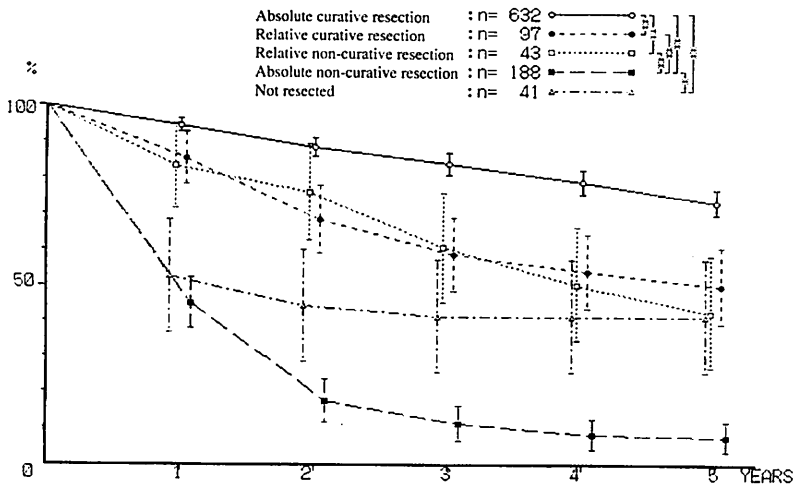


17-4 Macroscopic operative curability.
Rectum, Female.

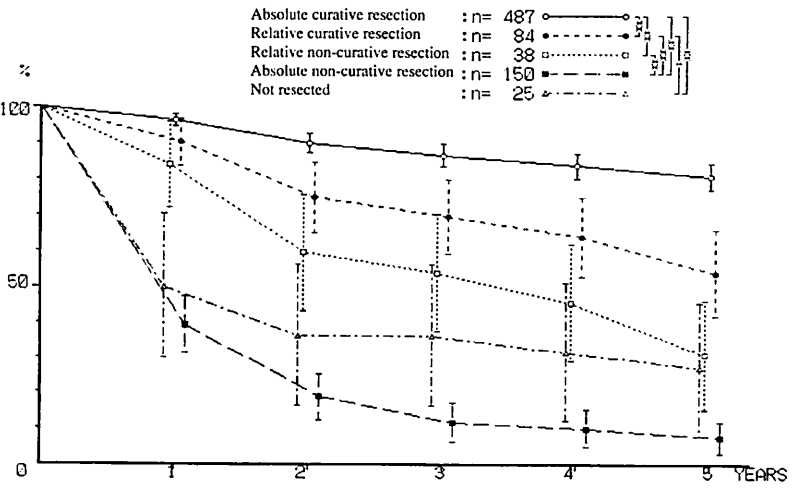


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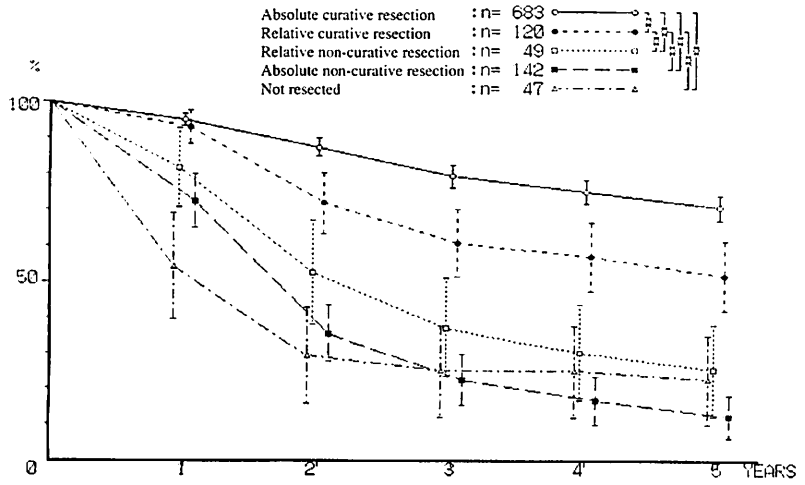
17-5 Histological operative curability.
Colon, Male.



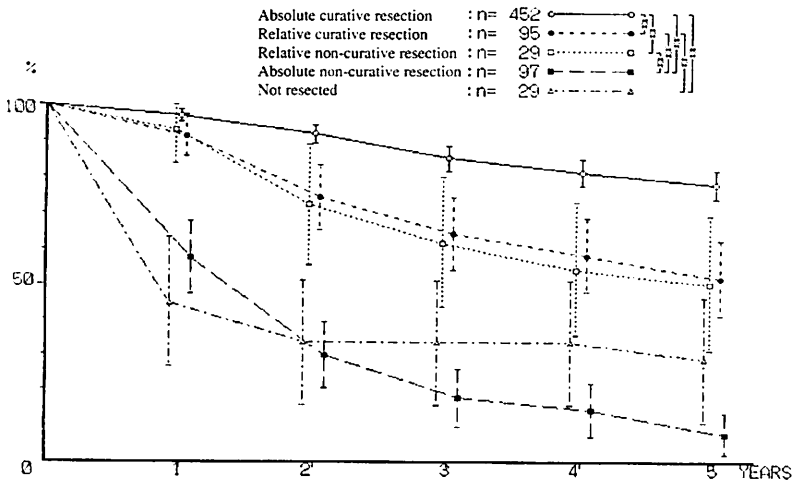
17-6 Histological operative curability.
Colon, Female.



17-7 Histological operative curability.
Rectum, Male.

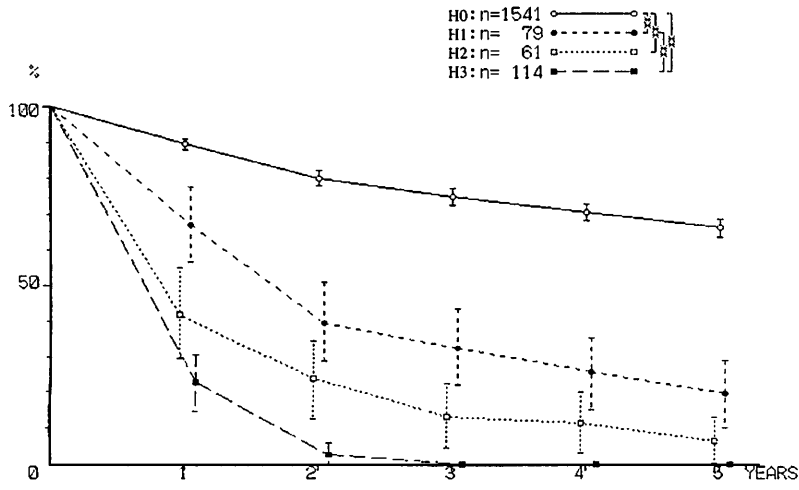


17-8 Histological operative curability.
Rectum, Female.

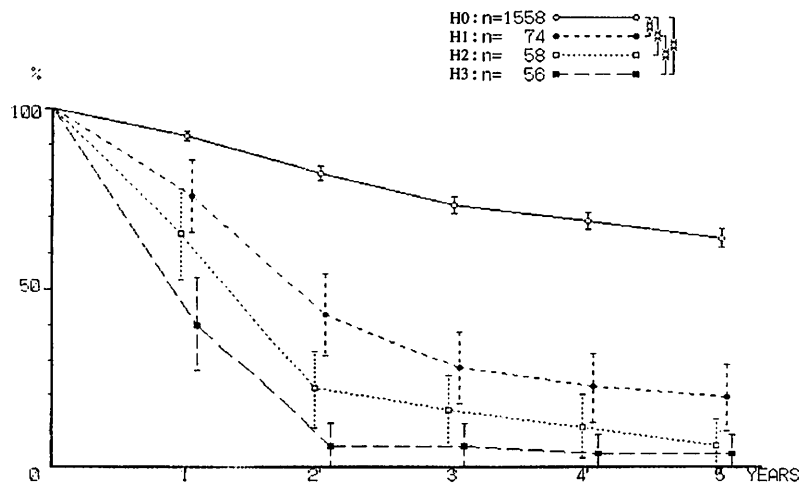


SURVIVAL RATE
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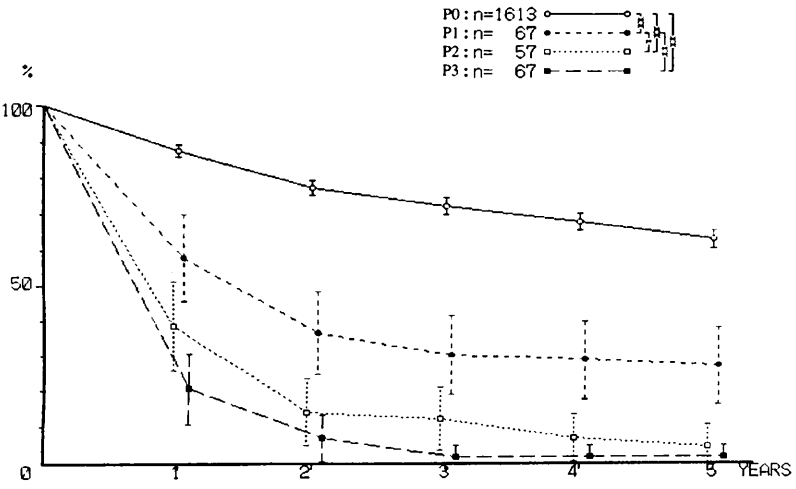
18-1 Hepatic metastasis.
Colon,



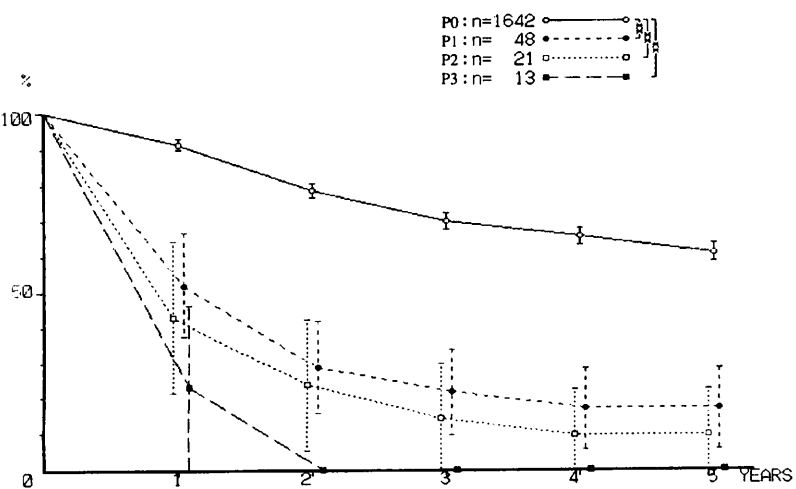
18-2 Hepatic metastasis.
Rectum.



19-1 Peritoneal disseminating metastasis.
Colon.

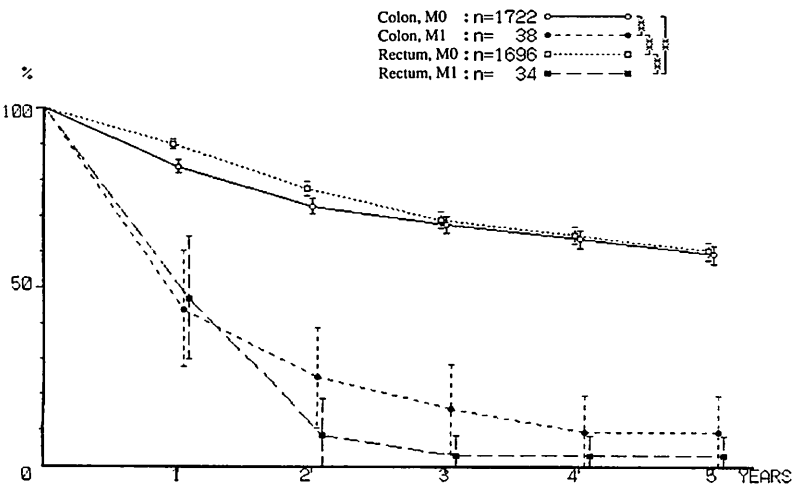


19-2 Peritoneal disseminating metastasis.
Rectum.

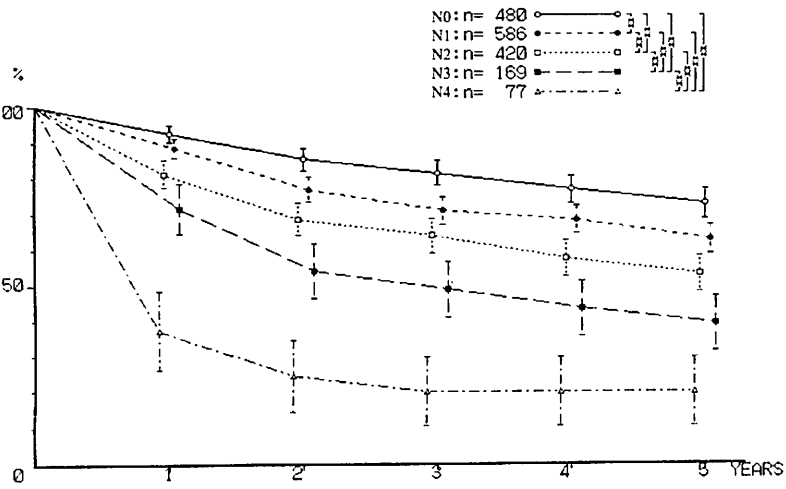


SURVIVAL RATE
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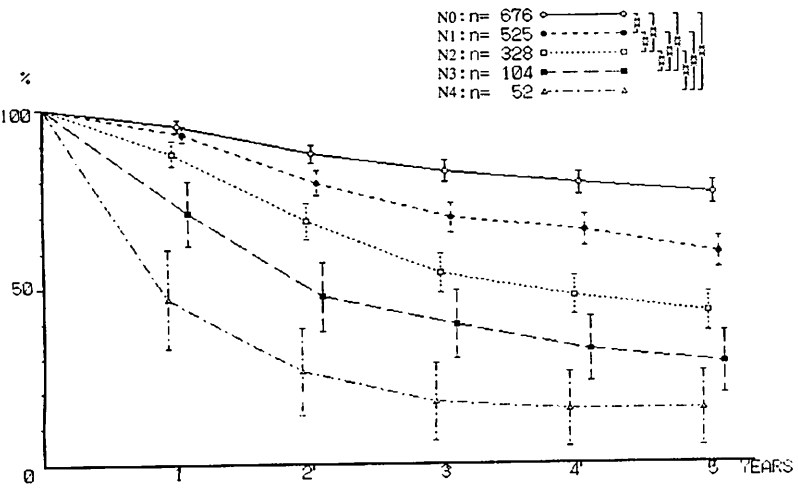
20 Metastasis to remote organ.



21-1 Macroscopic lymph node metastasis.
Colon.

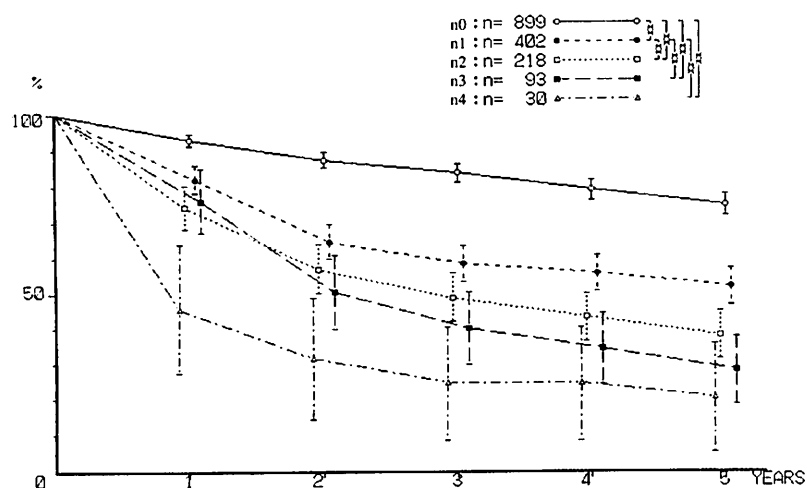


21-2 Macroscopic lymph node metastasis.
Rectum.

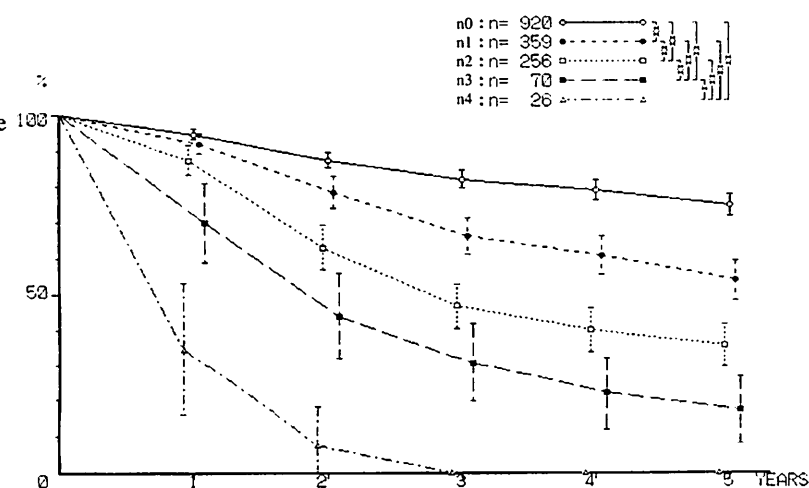


SURVIVAL RATE
■ P=0.01 * P=0.05

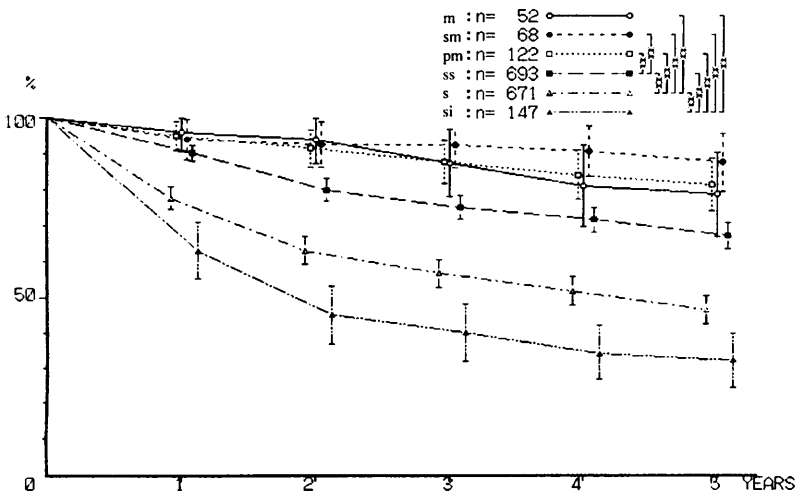
22-1 Histological lymph node
metastasis.
Colon.



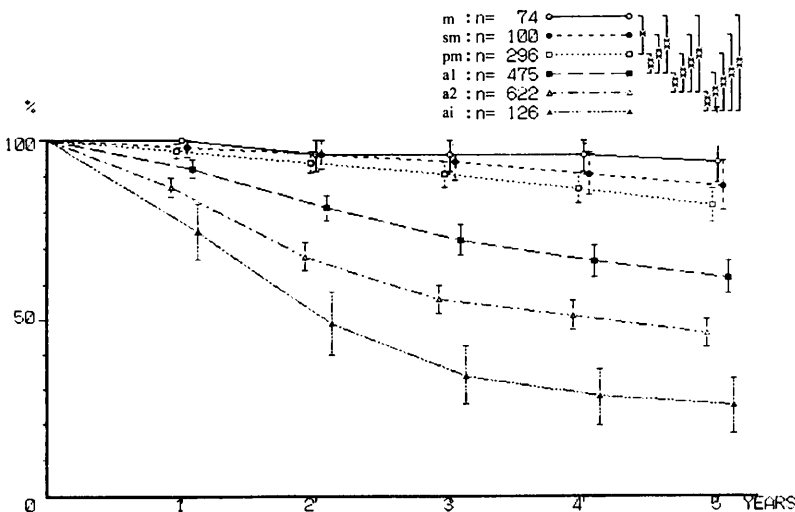
22-2 Histological lymph node
metastasis.
Rectum.



23-1 Histological depth of invasion.
Colon.

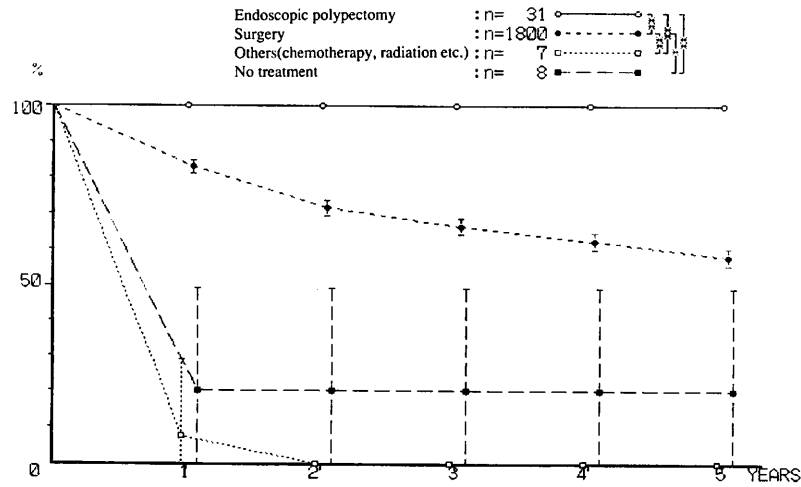


23-2 Histological depth of invasion.
Rectum.

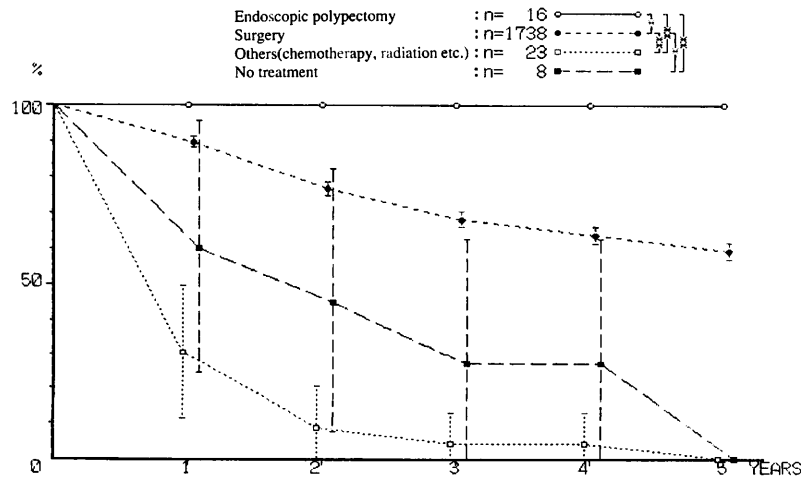


SURVIVAL RATE
P=0.01 * P=0.05

24-1 Modality of principal treatment.
Colon.

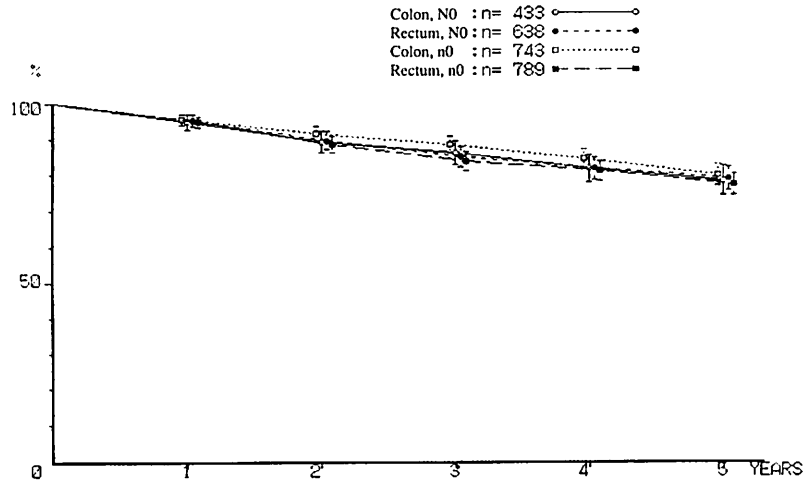


24-2 Modality of principal treatment.
Rectum.



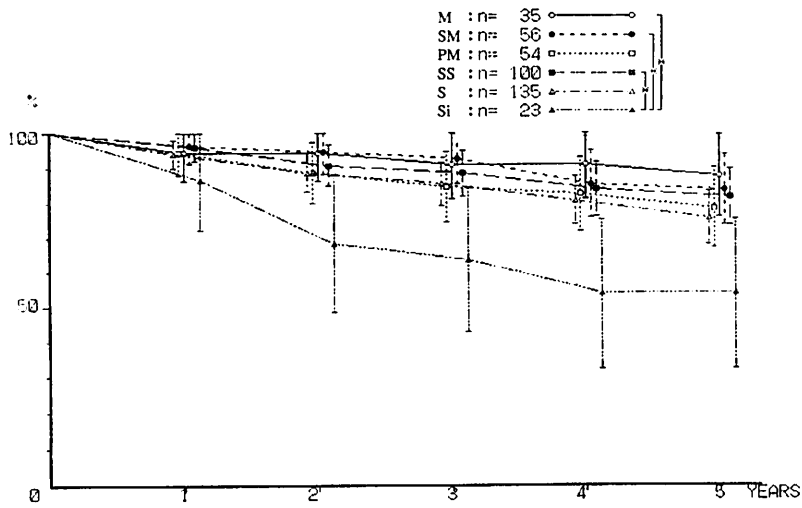
25

HOPOMON0 or n0
Colon and Rectum.

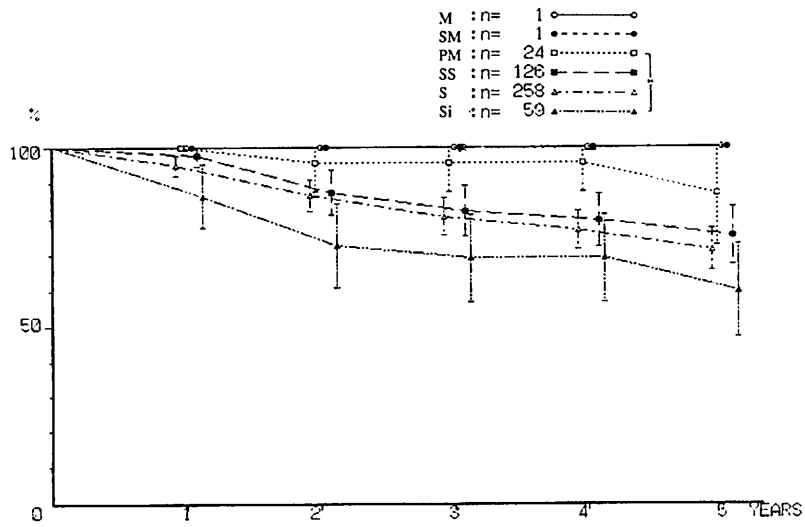


SURVIVAL RATE
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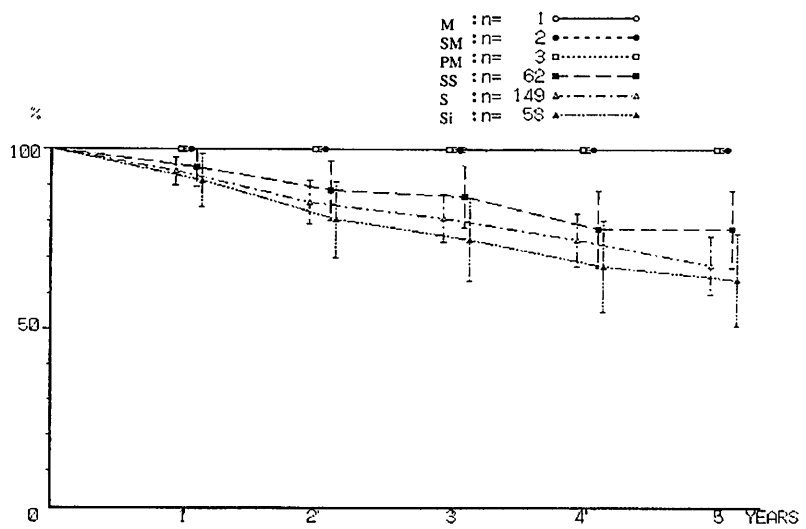
26-1 HOPOMON0
Colon.



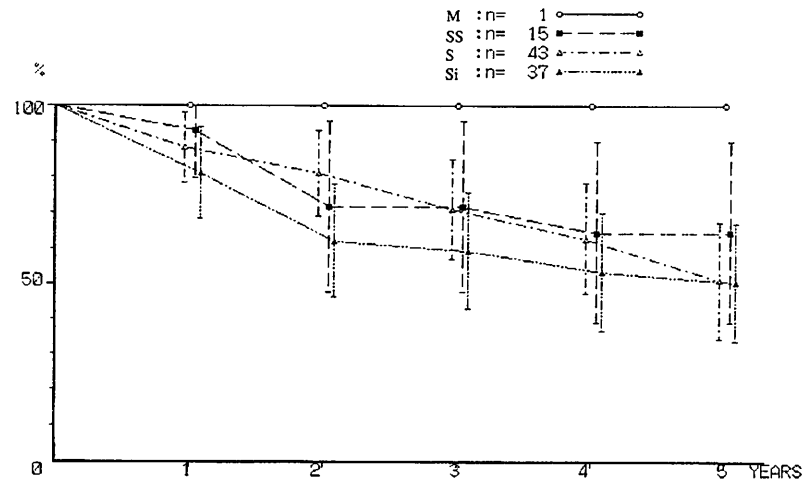
26-2 HOPOMON1
Colon.



26-3 H0P0M0N2
Colon.

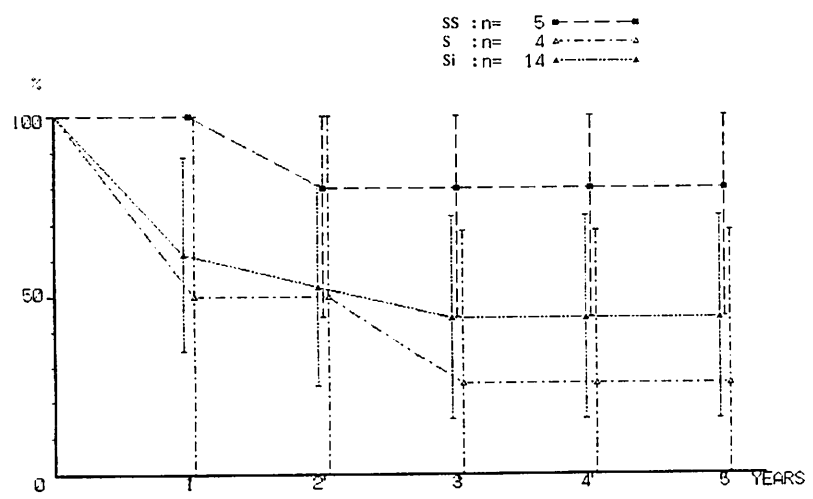


26-4 H0P0M0N3
Colon.

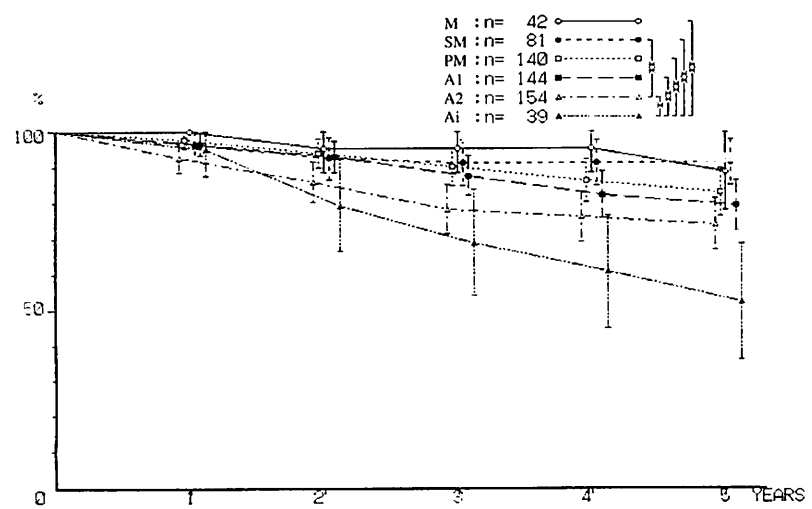


SURVIVAL RATE
P=0.01 * P=0.05

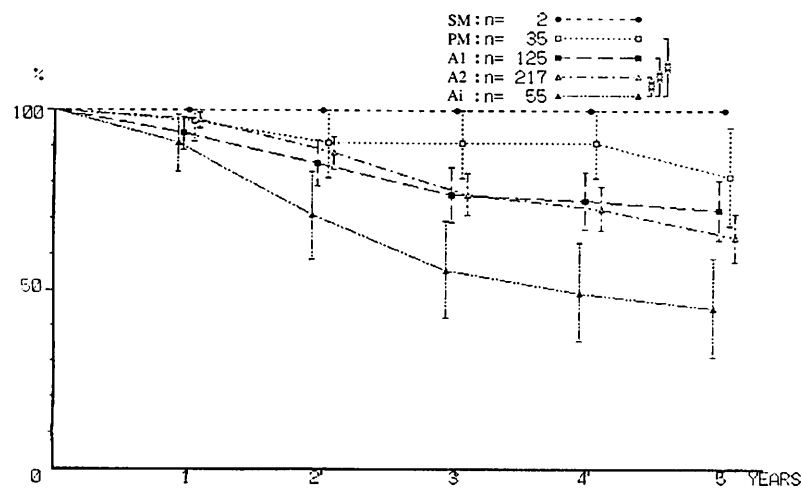
26-5 HOPOMON4
Colon.



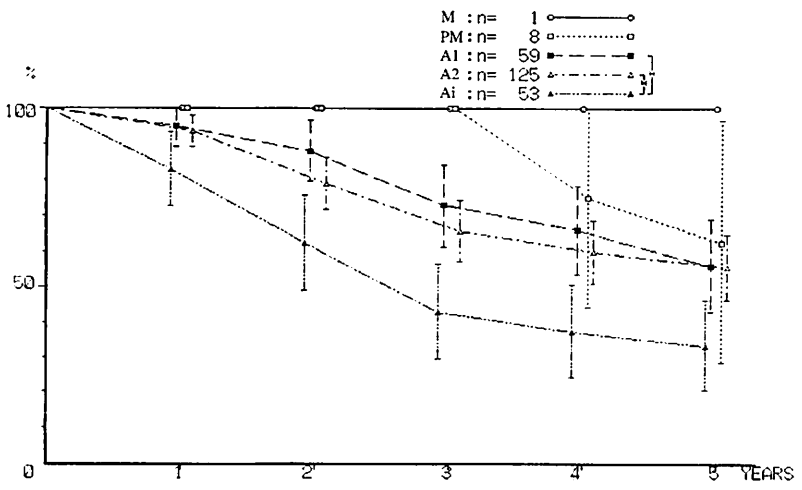
26-6 HOPOMON0
Rectum.



26-7 HOP0M0N1
Rectum.

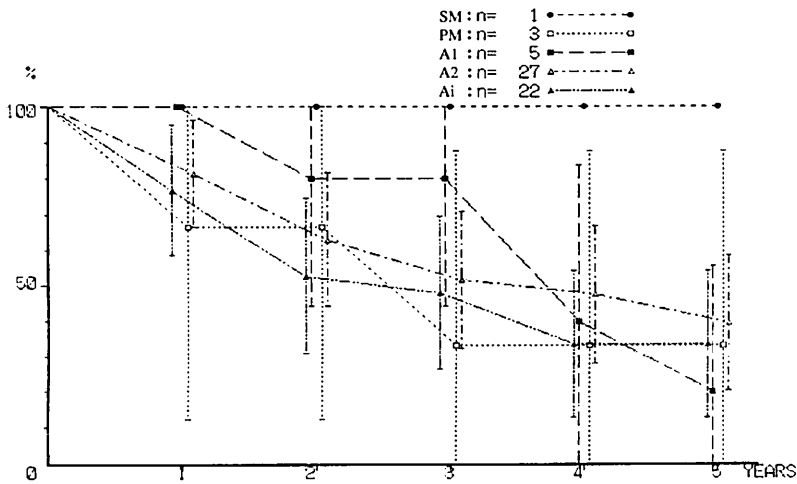


26-8 HOP0M0N2
Rectum.

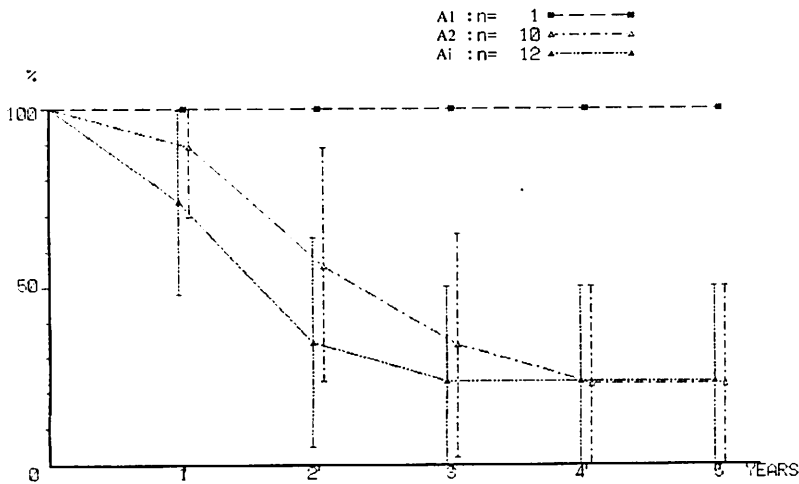


SURVIVAL RATE
■ P=0.01 * P=0.05

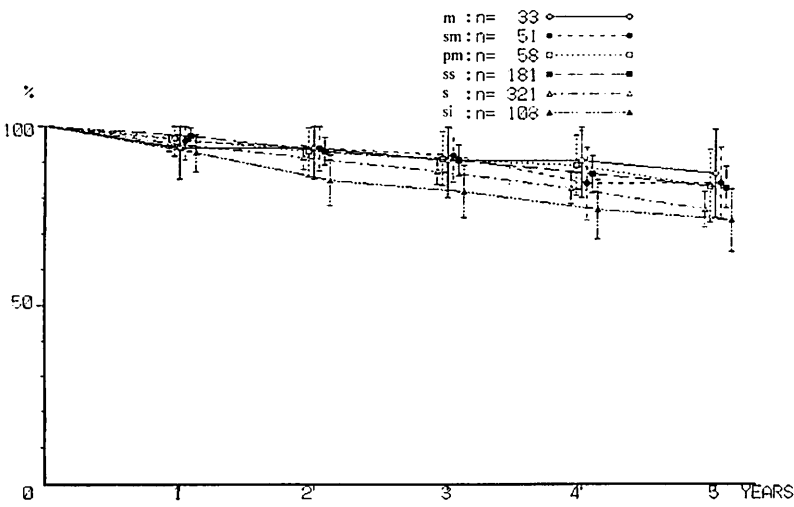
26-9 H0P0M0N3
Rectum.



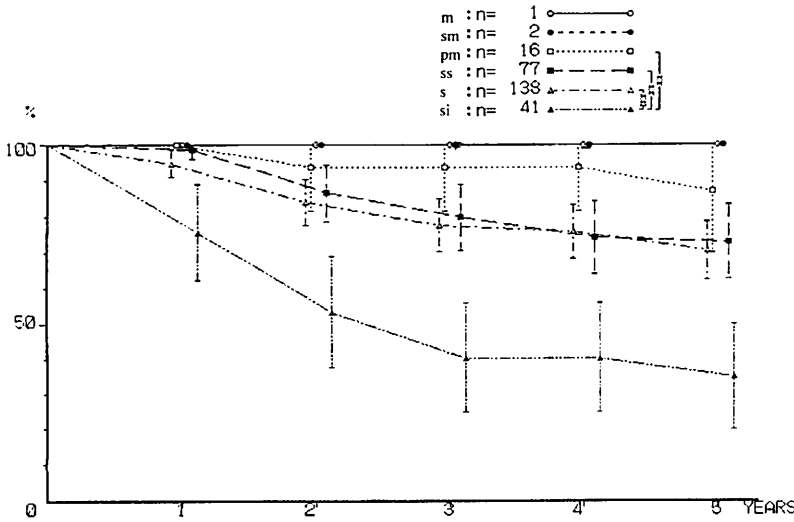
26-10 H0P0M0N4
Rectum.



26-11 H0P0M0n0
Colon.

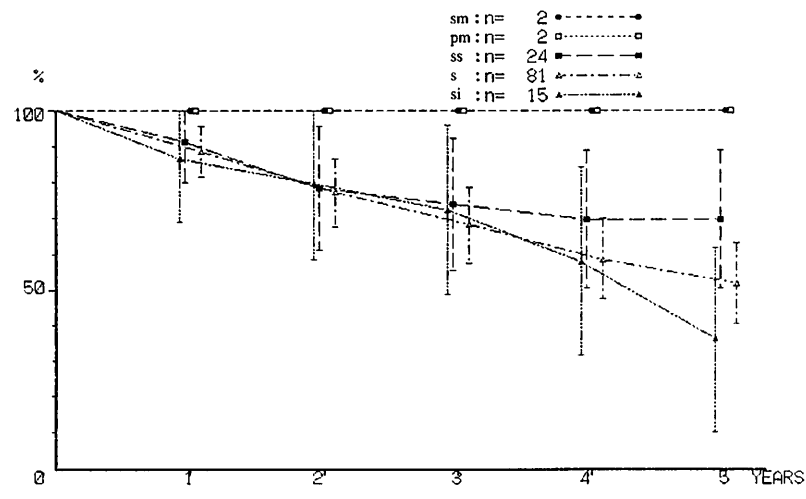


26-12 H0P0M0n1
Colon.

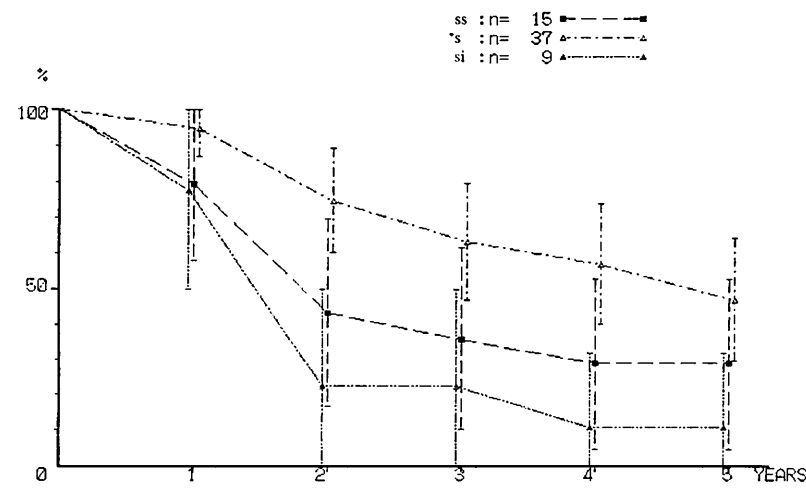


SURVIVAL RATE
□ P=0.01 * P=0.05

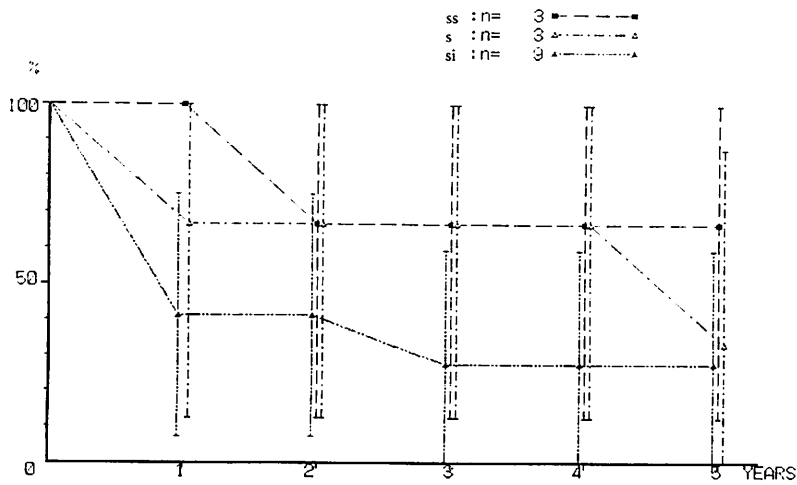
26-13 H0P0M0n2
Colon.



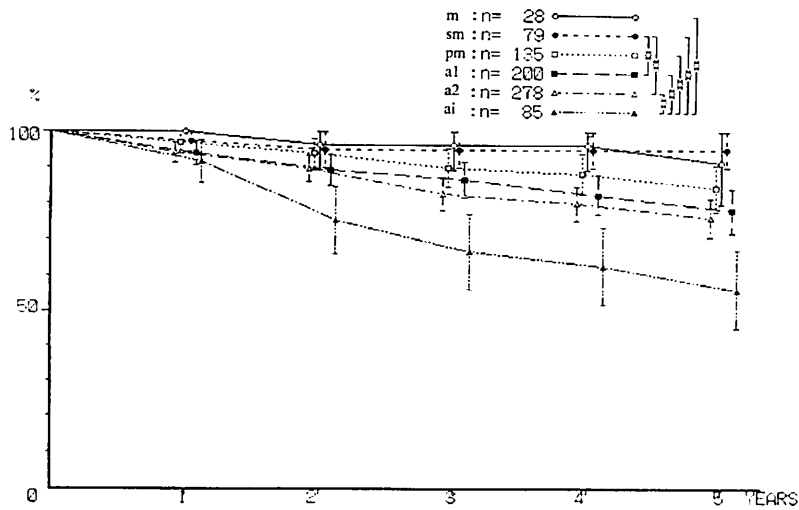
26-14 H0P0M0n3
Colon.



26-15 HOP0M0n4
Colon.

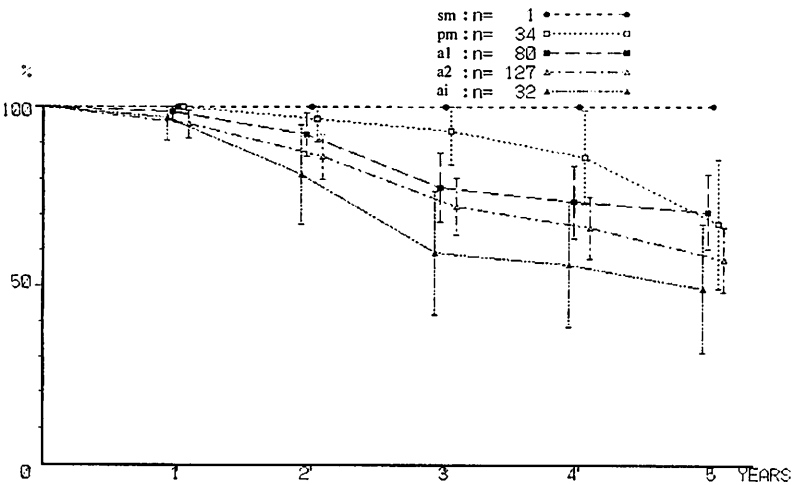


26-16 HOP0M0n0
Rectum.

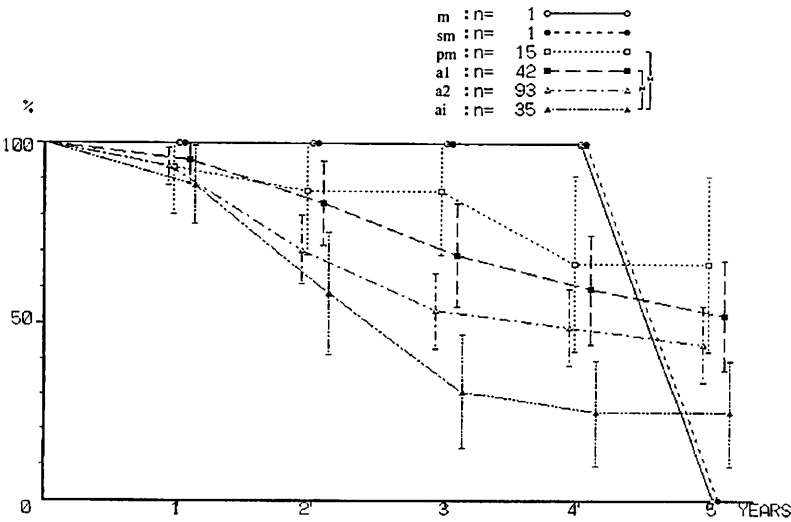


SURVIVAL RATE
* P=0.01 * P=0.05

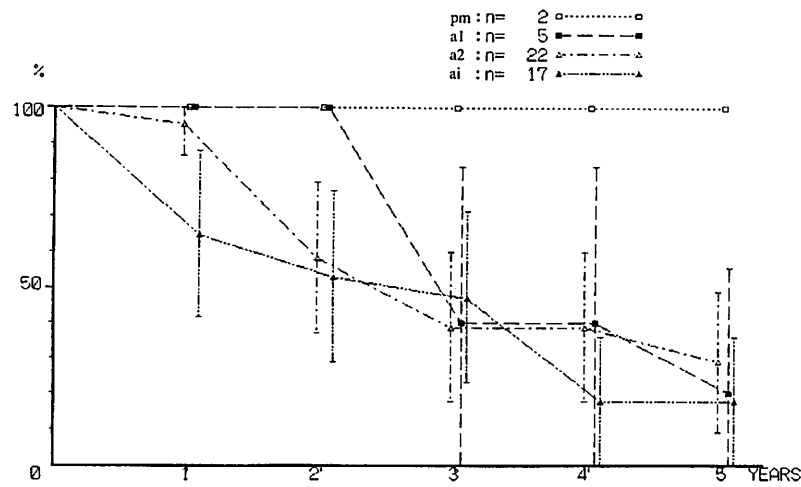
26-17 H0P0M0n1
Rectum.



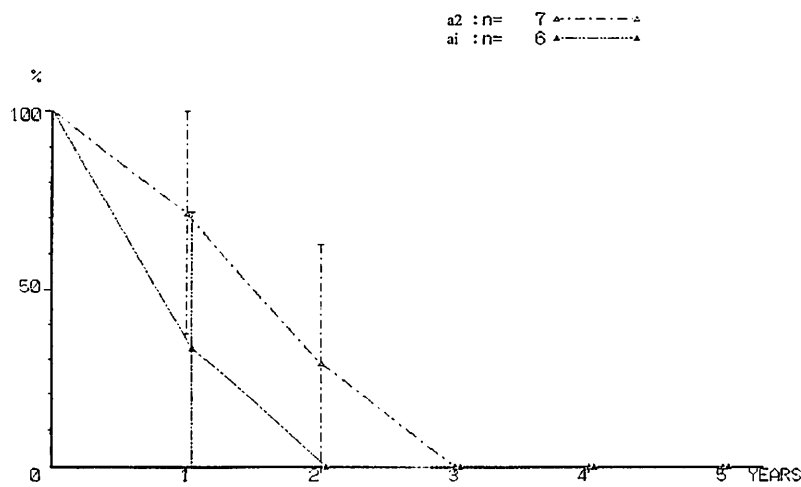
26-18 H0P0M0n2
Rectum.



26-19 H0P0M0n3
Rectum.

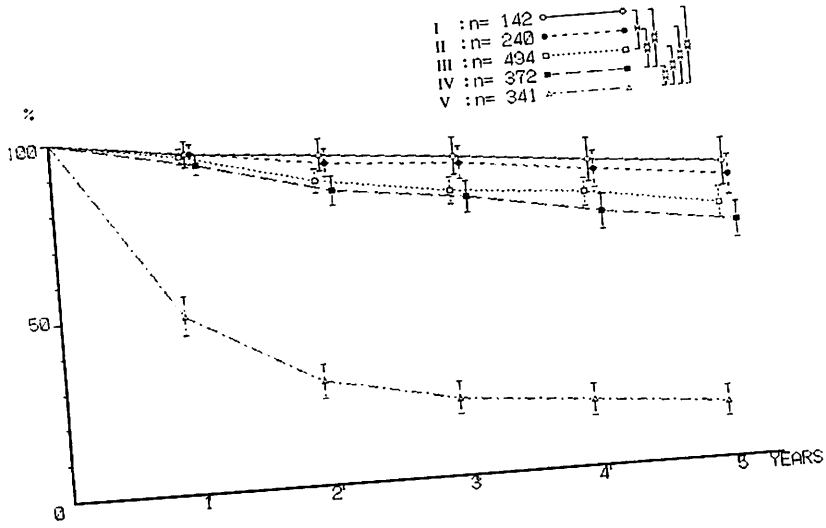


26-20 H0P0M0n4
Rectum.

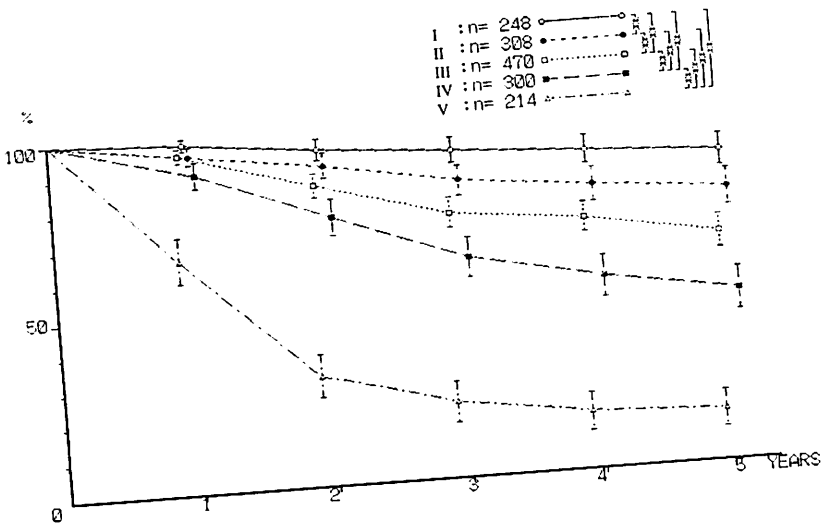


SURVIVAL RATE
P=0.01 * P=0.05

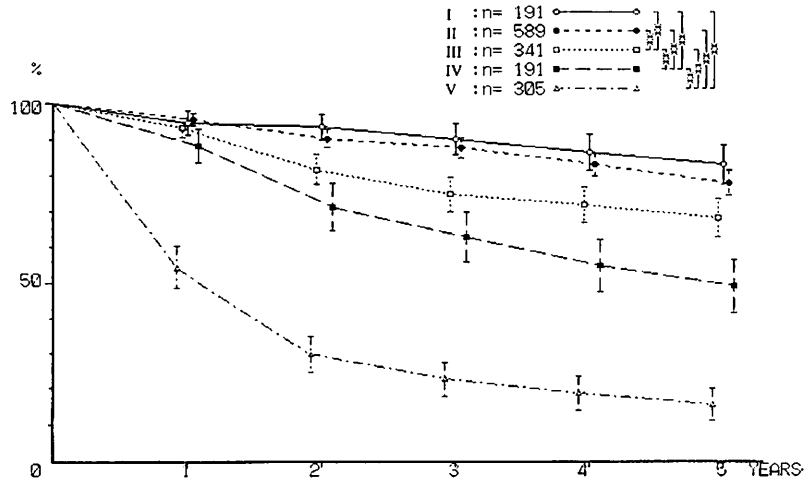
27-1 Clinical stage,
JRSCCR.
Colon.



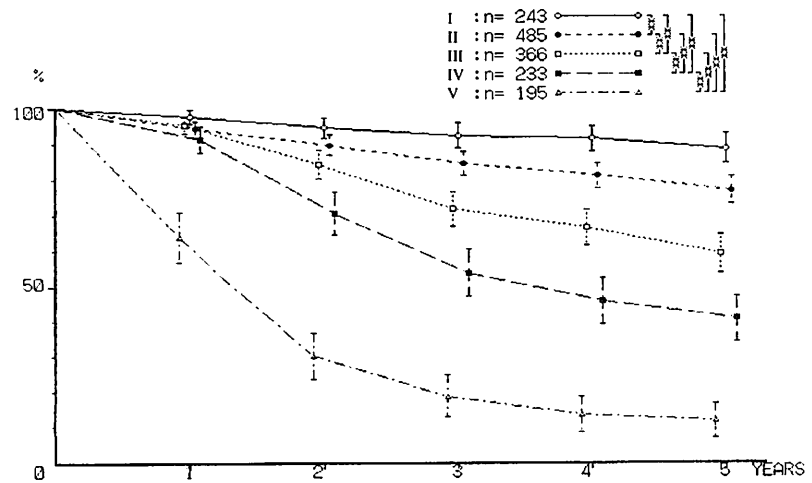
27-2 Clinical stage,
JRSCCR.
Rectum.



27-3 Histological stage,
JRSCCR.
Colon.

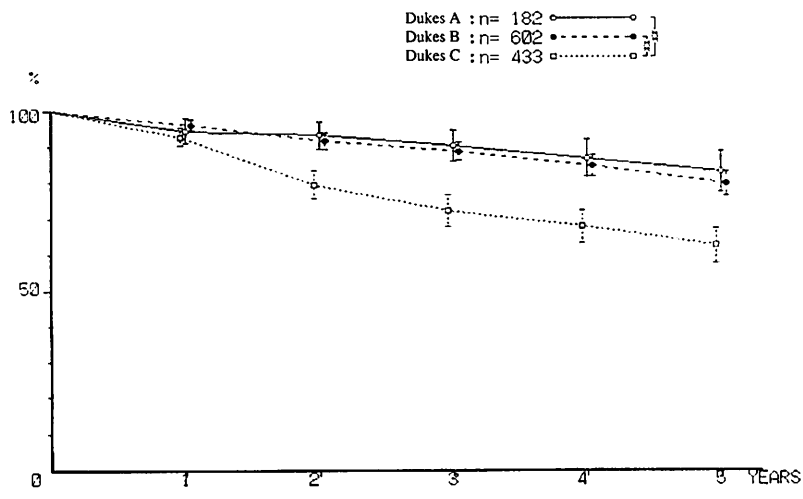


27-4 Histological stage,
JRSCCR.
Rectum.

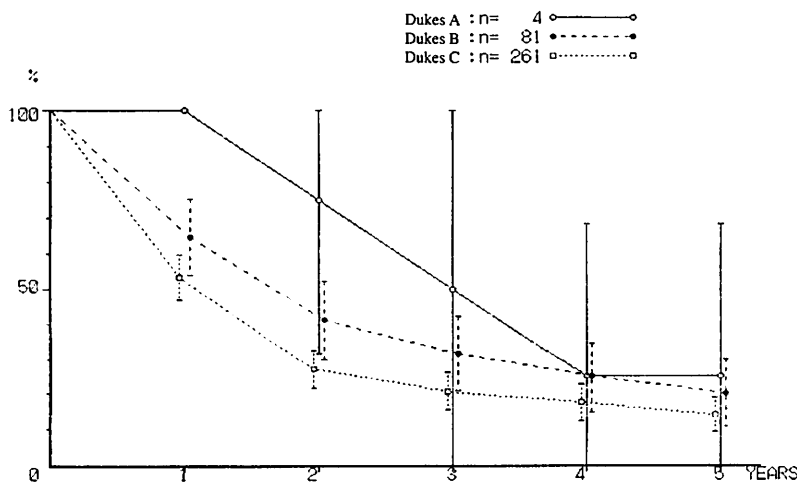


SURVIVAL RATE
* P=0.01 * P=0.05

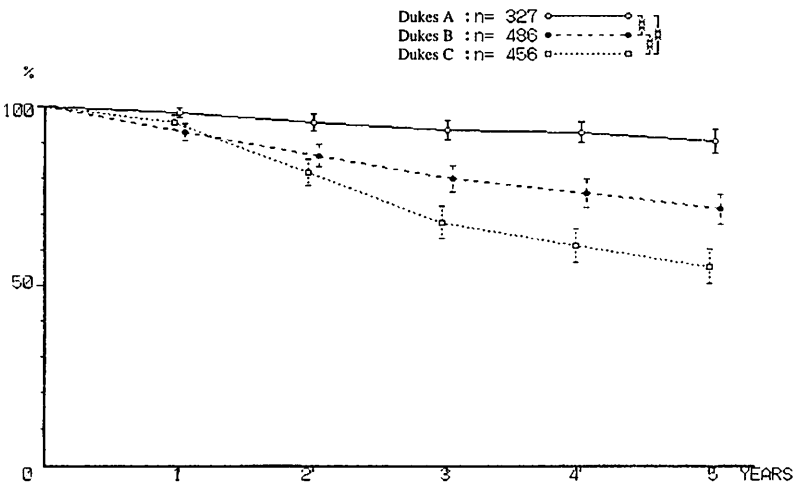
28-1 Dukes.
Curative resection,
Colon.



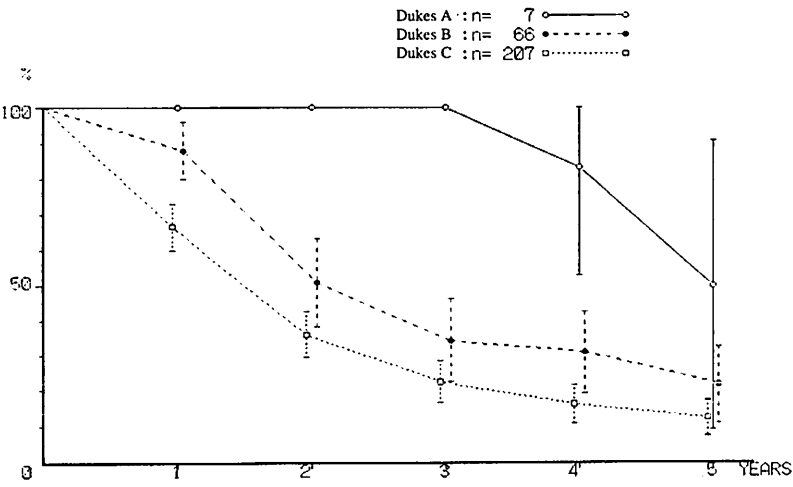
28-2 Dukes.
Non-curative resection,
Colon.



28-3 Dukes.
Curative resection,
Rectum.

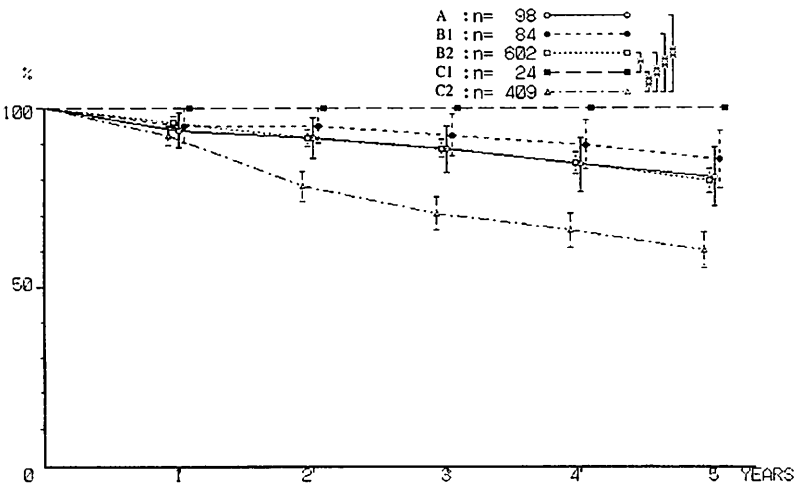


28-4 Dukes.
Non-curative resection,
Rectum.

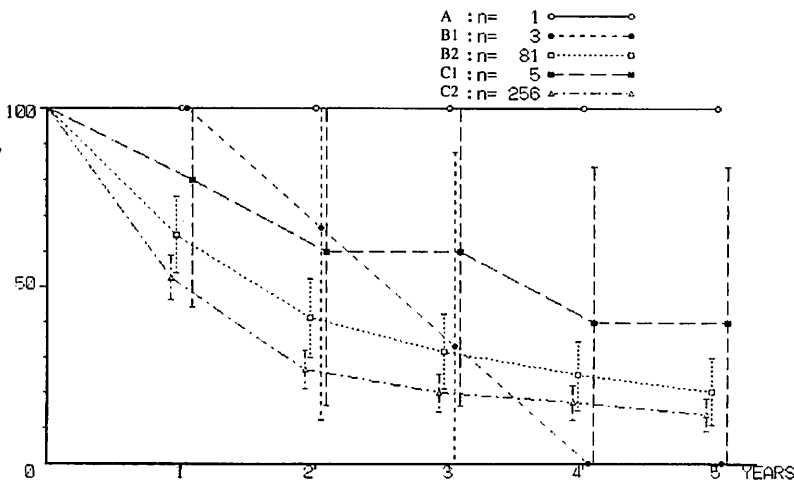


SURVIVAL RATE
P=0.01 * P=0.05

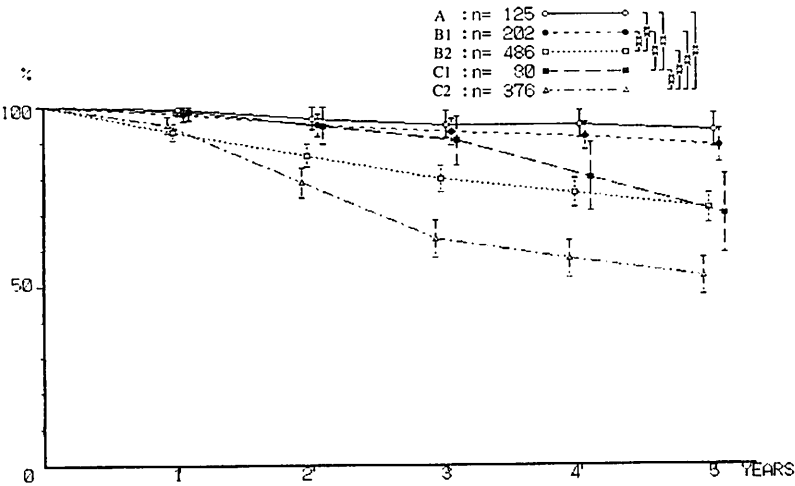
29-1 Astler-Coller.
Curative resection,
Colon.



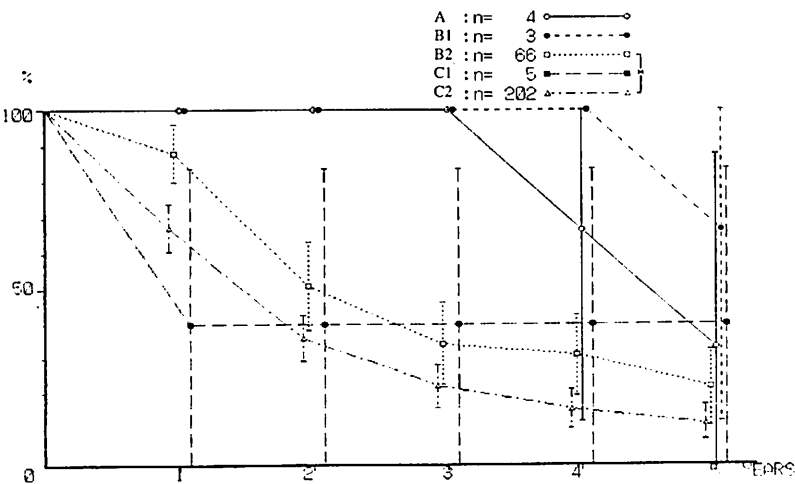
29-2 Astler-Coller.
Non-curative resection,
Colon.



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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