

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

**Vol. 16
Cases treated in 1990**

Japanese Society for Cancer of the Colon and Rectum

Preface

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

In this series, of a total of 5,849 patients on file in 121 member institutes of JSCCR, 5,760 were found to have undergone initial treatment for histologically confirmed malignant neoplasms during the period from January 1 to December 31, 1990, and were available for analysis. All contents and items reported herein are identical to those of the previously published issues (i.e. from Vol. 1 through Vol. 15 except Vol. 5, Vol. 10 and Vol. 12) .

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Japanese Society for Cancer of the Colon and Rectum

President: Masayuki Yasutomi, M.D.

Chairman, Registry Committee: Yasuo Koyama, M.D.

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

Contents

1	Patients registered---Number of registered patients by institutes	1
2	Patients analyzed	
	2-1 Histological type, site and sex	4
	2-2 Histological type, site and surgical treatment	4
3	Modality of principal treatment	5
4	Age incidence	
	4-1 Male	6
	4-2 Female	6
5	Gross appearance of primary lesion	
	5-1 Adenocarcinoma	7
	5-2 Malignant neoplasms other than adenocarcinoma	7
6	Histological typing	
	6-1 Adenocarcinoma	8
	6-2 Malignant neoplasms other than adenocarcinoma	8
7	Operative curability--- Adenocarcinoma	
	7-1 Macroscopic, male	9
	7-2 Macroscopic, female	9
	7-3 Histological, male	10
	7-4 Histological, female	10
	7-5 Histological, endoscopic polypectomy	11
8	Hepatic metastasis--- Adenocarcinoma, surgical cases	12
9	Peritoneal disseminating metastasis--- Adenocarcinoma, surgical cases	12
10	Metastasis to remote organs--- Adenocarcinoma, surgical cases	13
11	Lymph node metastasis--- Adenocarcinoma, surgical cases	
	11-1 Macroscopic	13
	11-2 Histological	14
12	Depth of invasion--- Adenocarcinoma, surgical cases	
	12-1 Macroscopic	15
	12-2 Histological	16
13	Surgical procedures--- Adenocarcinoma, surgical cases	17
14	Operative mortality	
	14-1 Operative curability--- Adenocarcinoma	18
	14-2 Operative curability---Other malignant neoplasms	18
	14-3 Site of the tumor	18
	14-4 Surgical procedures	19

Cumulative survival rate

15	Sex	
	15-1 Adenocarcinoma	22
	15-2 Malignant neoplasms other than adenocarcinoma	23
16	Operative curability--- Adenocarcinoma	
	16-1 Macroscopic, colon, male	24
	16-2 Macroscopic, colon, female	25
	16-3 Macroscopic, rectum, male	26
	16-4 Macroscopic, rectum, female	27
	16-5 Histological, colon, male	28
	16-6 Histological, colon, female	29
	16-7 Histological, rectum, male	30
	16-8 Histological, rectum, female	31
17	Hepatic metastasis--- Adenocarcinoma	
	17-1 Colon	32
	17-2 Rectum	33
18	Peritoneal disseminating metastasis--- Adenocarcinoma	
	18-1 Colon	34
	18-2 Rectum	35
19	Metastasis to remote organs--- Adenocarcinoma	
	19-1 Colon	36
	19-2 Rectum	37
20	Lymph node metastasis--- Adenocarcinoma	
	20-1 Macroscopic, colon	38
	20-2 Macroscopic, rectum	39
	20-3 Histological, colon	40
	20-4 Histological, rectum	41
21	Depth of invasion--- Adenocarcinoma	
	21-1 Histological, colon	42
	21-2 Histological, rectum	43
22	Modality of principal treatment--- Adenocarcinoma	
	22-1 Colon	44
	22-2 Rectum	45
23	Lymph node status of N0 or n0--- Adenocarcinoma	46

24	Lymph node metastasis and depth of invasion, macroscopic---Adenocarcinoma, HOPOM(-)	
	24-1 N0, colon	48
	24-2 N1, colon	49
	24-3 N2, colon	50
	24-4 N3, colon	51
	24-5 N4, colon	52
	24-6 N0, rectum	53
	24-7 N1, rectum	54
	24-8 N2, rectum	55
	24-9 N3, rectum	56
	24-10 N4, rectum	57
25	Lymph node metastasis and depth of invasion, histological---Adenocarcinoma, HOPOM(-)	
	25-1 n0, colon	58
	25-2 n1, colon	59
	25-3 n2, colon	60
	25-4 n3, colon	61
	25-5 n4, colon	62
	25-6 n0, rectum	63
	25-7 n1, rectum	64
	25-8 n2, rectum	65
	25-9 n3, rectum	66
	25-10 n4, rectum	67
26	JSSCR stage classification --- Adenocarcinoma	
	26-1 Clinical stage, colon	68
	26-2 Clinical stage, rectum	69
	26-3 Histological stage, colon	70
	26-4 Histological stage, rectum	71
27	Dukes classification--- Adenocarcinoma	
	27-1 Curative resection, colon	72
	27-2 Non-curative resection, colon	73
	27-3 Curative resection, rectum	74
	27-4 Non-curative resection, rectum	75
28	Astler-Coller classification--- Adenocarcinoma	
	28-1 Curative resection, colon	76
	28-2 Non-curative resection, colon	77
	28-3 Curative resection, rectum	78
	28-4 Non-curative resection, rectum	79

1 Patients registered

Number of registered patients by institutes

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Aichi Cancer Center Hospital	GE Surg	113	112	65	47
Aichi Prefectural Hospital	Surg	14	14	6	8
Aomori Municipal Hospital	Surg	54	54	33	21
Cancer Institute Hospital	Surg	87	87	44	43
Chiba Cancer Center	GI Surg	50	50	29	21
Coloproctology Center, Takano Hospital		222	222	144	78
Dokkyo University School of Medicine	Surg I	30	30	20	10
Dokkyo University School of Medicine	Surg II	15	15	10	5
Faculty of Medicine, Kyushu University	Surg II	34	34	22	12
Faculty of Medicine, Mie University	Surg I	10	10	6	4
Faculty of Medicine, Mie University	SurgII	41	41	28	13
Faculty of Medicine, University of Tokyo	Surg I	58	58	42	16
Fujita Health University School of Medicine	Surg II	12	11	8	3
Fujita Health University School of Medicine	Surg III	13	11	5	6
Fukui Medical School	Surg I	31	31	23	8
Fukui Prefectural Hospital	Surg	110	108	52	56
Fukuoka University, Tsukushi Hospital	Surg	67	67	42	25
Fukushima Medical College	Surg I	22	22	15	7
Fukushima Medical College	Surg II	27	27	19	8
Gifu University School of Medicine	Surg I	13	12	2	10
Gifu University School of Medicine	Surg II	45	45	19	26
Gihoku General Hospital	Surg	13	13	3	10
Gunma Cancer Center	Surg	34	33	16	17
Gunma University School of Medicine	Surg I	45	45	25	20
Hamamatsu Medical Center		47	47	29	18
Hamamatsu University School of Medicine	Surg II	28	28	15	13
Hiraga General Hospital	Surg	37	36	22	14
Hirosaki University, School of Medicine	Surg II	41	41	21	20
Hirosaki University, School of Medicine	IM I	7	7	6	1
Hiroshima University School of Medicine	Surg II	33	33	24	9
Hyogo Medical Center for Adults	GE	4	4	4	0
Hyogo Prefectural Kakogawa Hospital		26	26	15	11
Ibaragi Prefectural Central Hospital	Surg	36	34	21	13
Iwakuni National Hospital	Surg	38	36	21	15
Iwate Medical University, School of Medicine	Surg I	47	47	30	17
Jichi Medical School	GI Gen Surg	76	76	44	32
Kagawa Medical University	Surg I	19	19	12	7
Kanagawa Cancer Center	Surg IV	90	88	47	41
Kanazawa Medical University	GI Gen Surg	41	41	27	14
Kanto Rosai Hospital	Surg	42	42	20	22
Karasawa Hospital		8	8	7	1
Kariya General Hospital	Surg	52	52	27	25
Kasukabe City Hospital	Surg	29	27	13	14
Kawasaki City Ida Hospital	Surg	51	51	36	15
Kawasaki Medical School	GE Surg	80	80	47	33
Kinki University School of Medicine	Surg I	66	66	41	25
Kokura Memorial Hospital	Surg	56	51	31	20
Kumamoto Municipal Hospital	CP	78	78	40	38
Kurume University, School of Medicine	Surg I	92	92	62	30

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Kyoto National Hospital	Surg	64	64	37	27
Kyoto Prefectural University of Medicine	Surg II	36	35	18	17
Kyoto University, Faculty of Medicine	Surg I	43	43	26	17
Matsuda Hospital		40	40	26	14
Medical School, Nagoya City University	Surg I	39	39	24	15
Mito Kyodo General Hospital	Surg	41	37	17	20
Mitsui Memorial Hospital	Surg	76	75	46	29
Miyagi Seijinbyo Center	Surg	51	48	28	20
Nagasaki University, School of Medicine	Surg I	55	55	37	18
Nara Medical University	Surg I	30	30	17	13
National Cancer Center Hospital	Surg	151	150	90	60
National Defense Medical College	Surg I	130	130	73	57
National Kyushu Cancer Center	GE Surg	60	60	39	21
National Kyushu Medical Center Hospital	Surg	72	71	39	32
National Sapporo Hospital, Hokkaido Cancer Center	Surg	25	25	12	13
National Tochigi Hospital	Surg	11	11	3	8
Nihon University, School of Medicine	Surg III	92	92	61	31
Niigata University, School of Medicine	Surg I	46	42	26	16
Nippon Medical School	Surg	16	16	10	6
Oita Medical University	Surg I	29	27	12	15
Okayama 1st Red Cross Hospital	Surg	40	39	23	16
Okayama University, Medical School	Surg II	25	25	14	11
Oomoto Hospital	Surg	24	23	13	10
Osaka City University Medical School	Surg I	4	4	1	3
Osaka Medical Center for Adults	IM III	50	45	40	5
Osaka Medical College	GI Gen Surg	69	69	44	25
Osaka Prefectural Hospital	GI Gen Surg	92	92	51	41
Osaka Teishin Hospital	Surg	39	39	21	18
Red Cross Omiya Hospital	Surg	71	70	38	32
Red Cross Sendai Hospital	Surg	60	60	38	22
Research Institute for Radiation Biology and Medicine,	Surg	15	15	6	9
Hiroshima University					
Saga Prefectural Hospital, Koseikan		98	93	48	45
Saitama Medical Center	Surg II	16	15	6	9
Saitama Medical School	Surg I	12	12	8	4
Saitama Medical School	Surg II	30	29	20	9
Sapporo Social Insurance General Hospital	Surg	17	17	13	4
School of Medicine, Chiba University	Surg I	56	55	30	25
School of Medicine, Chiba University	Surg II	19	19	11	8
School of Medicine, Keio University	Surg	60	58	38	20
School of Medicine, Kitasato University	Surg	23	23	12	11
School of Medicine, Tokai University	Surg II	59	58	34	24
Sendai National Hospital	Surg	47	47	30	17
Sendai National Hospital	GE	4	0	0	0
Shiga University of Medical Science	Surg I	11	11	6	5
Shikoku Cancer Center Hospital	Surg	52	52	30	22
Shimane Medical University	Surg II	18	18	14	4
Shinshu University, School of Medicine	Surg II	22	22	18	4

Institute	Department	No. of registered	No. of cases analyzed		
			Total	Male	Female
Social Insurance Central Hospital, Colo-proctology Center	Surg	112	109	70	39
Social Insurance Ritsurin Hospital	Surg	14	14	8	6
St.Marianna University School of Medicine	Surg I	29	29	15	14
St.Marianna University School of Medicine	Surg	17	17	9	8
Tachikawa Hospital	Surg	33	33	21	12
Teikyo University School of Medicine	Surg I	26	26	22	4
Terada Hospital	Surg	20	20	10	10
The Jikei University School of Medicine, Third Hospital	Surg	41	39	19	20
Tochigi Cancer Center		53	53	28	25
Toho University School of Medicine	Surg I	35	33	19	14
Toho University School of Medicine	IM III	2	2	2	0
Tohoku University, School of Medicine	Surg I	43	40	24	16
Tokyo Kyosai Hospital		107	107	76	31
Tokyo Medical and Dental University, School of Medicine	Surg I	35	26	20	6
Tokyo Medical and Dental University, School of Medicine	Surg II	47	47	26	21
Tokyo Medical College	Surg	100	100	65	35
Tokyo Metropolitan Cancer Detection Center		9	9	9	0
Tokyo Metropolitan Komagome Hospital	Surg	153	152	88	64
Tokyo Women's Medical College	Surg II	69	68	41	27
Tokyo Women's Medical College, Institute of Gastroenterology	Surg	141	140	96	44
Tottori University, Faculty of Medicine	Surg I	60	57	35	22
Toyama Prefectural Central Hospital	Surg	71	70	37	33
Yaizu Municipal Hospital	Surg	53	52	34	18
Yamagata Prefectural Central Hospital	Surg	128	128	69	59
Yamanashi Medical University	Surg I	27	27	16	11
Total		5,849	5,760	3,447	2,313

Cases with the following items omitted were excluded from analysis.

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

Abbreviation

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

2 Patients analyzed

2-1 Histological type, site and sex

Histological type	Site	Total No.	Sex	
			Male	Female
Adenocarcinoma ^{a)}	Colon	3,173	1,819	1,354
	Rectum	2,516	1,592	924
Other malignancies ^{b)}	Colon	24	14	10
	Rectum	47	22	25
Total		5,760	3,447	2,313

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

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

2-2 Histological type, site and surgical treatment

Histological type	Site	Surgery ^{a)}		Total
		Yes	No	
Adenocarcinoma	Colon	3,168	[138] ^{b)}	5
	Rectum	2,512	[70]	4
	Total	5,680	[208]	9
Other malignancies	Colon	24	[1]	0
	Rectum	46	[2]	1
	Total	70	[3]	1
Total		5,750	[211]	10

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	16	0.3	8	8
Endoscopic polypectomy	211	3.7	139	72
Surgery	5,510	95.7	3,040	2,470
Cryosurgery	2	0.03	2	0
Electric cautery therapy	0	0	0	0
Radiation	2	0.03	0	2
Chemotherapy	19	0.3	8	11
Other modalities	0	0	0	0
Total	5,760	100	3,197	2,563

4 Age incidence

4-1 Male

Site	Total	Age							
		≤ 19	≤ 29	≤ 39	≤ 49	≤ 59	≤ 69	≤ 79	80≥
I	3	0	0	0	1	1	0	1	0
V	3	0	0	0	0	1	1	1	0
C	154	0	4	3	15	36	50	35	11
A	338	0	1	4	33	84	114	79	23
T	217	0	2	3	21	43	78	52	18
D	172	0	0	3	19	40	64	37	9
S	946	1	4	14	91	240	339	205	52
Colon	1,833	1	11	27	180	445	646	410	113
Rs	390	0	0	4	31	107	149	81	18
Ra	464	0	3	6	54	145	137	100	19
Rb	722	1	6	22	79	215	247	126	26
P	38	0	0	3	3	8	14	8	2
E	0	0	0	0	0	0	0	0	0
Rectum	1,614	1	9	35	167	475	547	315	65
Total	3,447	2	20	62	347	920	1193	725	178

4-2 Female

Site	Total	Age							
		≤ 19	≤ 29	≤ 39	≤ 49	≤ 59	≤ 69	≤ 79	80≥
I	0	0	0	0	0	0	0	0	0
V	10	0	0	0	1	2	3	4	0
C	167	0	1	2	13	38	47	52	14
A	298	1	1	2	31	59	101	67	36
T	157	0	1	3	10	30	59	39	15
D	93	0	0	4	12	17	34	19	7
S	639	0	3	15	75	169	213	125	39
Colon	1,364	1	6	26	142	315	457	306	111
Rs	271	0	0	6	30	76	98	51	10
Ra	291	0	1	9	34	63	92	70	22
Rb	348	0	1	8	55	83	114	63	24
P	39	0	0	1	3	6	15	9	5
E	0	0	0	0	0	0	0	0	0
Rectum	949	0	2	24	122	228	319	193	61
Total	2,313	1	8	50	264	543	776	499	172

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

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

5 Gross appearance of primary lesion

5-1 Adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Unclasi- fied	Unknown
I	1	1	0	0	0	0	0	0
V	13	1	1	2	0	1	6	2
C	316	28	44	182	46	3	7	6
A	626	53	54	408	88	1	5	17
T	373	58	28	236	36	3	5	7
D	263	50	23	147	31	4	2	6
S	1,581	338	133	905	161	10	10	24
Colon	3,173	529	283	1,880	362	22	35	62
Rs	659	92	65	424	57	5	3	13
Ra	753	100	69	477	70	9	10	18
Rb	1,044	154	86	637	121	16	11	19
P	60	12	7	15	11	4	10	1
E	0	0	0	0	0	0	0	0
Rectum	2,516	358	227	1,553	259	34	34	51
Total	5,689	887	510	3,433	621	56	69	113

5-2 Malignant neoplasms other than adenocarcinoma

Site	Total	Superficial	Protruding	Localized ulcerating	Infiltrating ulcerating	Diffuse infiltrating	Unclasi- fied	Unknown
I	2	0	0	1	0	0	1	0
V	0	0	0	0	0	0	0	0
C	5	0	0	3	0	0	2	0
A	10	1	3	3	2	0	1	0
T	1	1	0	0	0	0	0	0
D	2	1	0	0	1	0	0	0
S	4	2	0	0	2	0	0	0
Colon	24	5	3	7	5	0	4	0
Rs	2	1	0	0	1	0	0	0
Ra	2	1	0	0	0	0	0	1
Rb	26	13	5	3	4	0	0	1
P	17	4	3	5	4	0	1	0
E	0	0	0	0	0	0	0	0
Rectum	47	19	8	8	9	0	1	2
Total	71	24	11	15	14	0	5	2

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

6 Histological typing

6-1 Adenocarcinoma

Site	Total	w/d	m/d	p/d	muc	sig	NOS
I	1	1	0	0	0	0	0
V	13	0	2	0	10	0	1
C	316	149	125	16	21	0	5
A	626	269	263	47	22	2	23
T	373	189	142	19	13	2	8
D	263	133	99	13	8	0	10
S	1,581	896	586	14	32	2	51
Colon	3,173	1,637	1,217	109	106	6	98
Rs	659	348	264	18	11	1	17
Ra	753	367	319	26	19	4	18
Rb	1,044	530	414	30	37	4	29
P	60	27	17	2	13	1	0
E	0	0	0	0	0	0	0
Rectum	2,516	1,272	1,014	76	80	10	64
Total	5,689	2,909	2,231	185	186	16	162

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

6-2 Malignant neoplasms other than adenocarcinoma

Site	Total	sq	as	ud	Basaloid	cd	Melanoma	Leiomyo- blastoma	Leiomyo- sarcoma	Malignant lymphoma	Others
I	2	0	0	0	0	0	0	0	0	2	0
V	0	0	0	0	0	0	0	0	0	0	0
C	5	0	0	0	0	1	0	0	0	4	0
A	10	0	2	3	0	0	0	0	1	2	2
T	1	0	0	0	0	0	0	0	0	0	1
D	2	0	1	0	0	0	0	0	0	0	1
S	4	1	0	1	0	0	0	0	0	0	2
Colon	24	1	3	4	0	1	0	0	1	8	6
Rs	2	0	1	0	0	0	0	0	0	0	1
Ra	2	0	0	1	0	1	0	0	0	0	0
Rb	26	1	1	1	0	15	2	0	1	1	4
P	17	15	0	0	0	0	1	0	0	0	1
E	0	0	0	0	0	0	0	0	0	0	0
Rectum	47	16	2	2	0	16	3	0	1	1	6
Total	71	17	5	6	0	17	3	0	2	9	12

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

7 Operative curability

7-1 Macroscopic, male

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	1	0	0	0	0	0
V	3	1	0	0	1	1	0
C	149	84	15	2	46	2	0
A	326	212	29	11	65	8	1
T	208	137	22	7	40	2	0
D	160	94	12	7	43	2	2
S	860	584	67	22	177	7	3
Colon	1,707	1,113	145	49	372	22	6
Rs	368	271	21	12	57	6	1
Ra	449	330	35	13	64	6	1
Rb	685	481	59	7	115	14	9
P	37	22	3	0	10	1	1
E	0	0	0	0	0	0	0
Rectum	1,539	1,104	118	32	246	27	12
Total	3,246	2,217	263	81	618	49	18

7-2 Macroscopic, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	0	0	0	0	0	0	0
V	10	6	1	0	2	1	0
C	165	96	15	4	47	1	2
A	292	169	33	13	68	7	2
T	156	96	18	9	31	2	0
D	87	55	12	2	17	1	0
S	613	436	45	26	99	3	4
Colon	1,323	858	124	54	264	15	8
Rs	261	190	21	12	33	4	1
Ra	282	207	25	10	31	8	1
Rb	337	255	27	8	36	5	6
P	23	19	1	1	0	1	1
E	0	0	0	0	0	0	0
Rectum	903	671	74	31	100	18	9
Total	2,226	1,529	198	85	364	33	17

7-3 Histological, male

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	1	1	0	0	0	0	0
V	3	1	0	0	1	1	0
C	149	93	8	2	42	2	2
A	326	225	18	12	60	8	3
T	208	152	7	8	36	2	3
D	160	98	8	7	42	2	3
S	860	610	49	26	164	7	4
Colon	1,707	1,180	90	55	345	22	15
Rs	368	277	19	9	55	6	2
Ra	449	340	25	12	64	3	5
Rb	685	490	51	10	114	14	6
P	37	22	3	1	10	1	0
E	0	0	0	0	0	0	0
Rectum	1,539	1,129	98	32	243	24	13
Total	3,246	2,309	188	87	588	46	28

7-4 Histological, female

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	0	0	0	0	0	0	0
V	10	7	0	0	2	1	0
C	165	108	7	3	44	1	2
A	292	189	18	13	64	6	2
T	156	105	14	9	25	2	1
D	87	60	10	2	14	1	0
S	613	447	36	21	102	3	4
Colon	1,323	916	85	48	251	14	9
Rs	261	187	21	10	37	4	2
Ra	282	202	23	8	40	8	1
Rb	337	246	34	6	39	5	7
P	23	19	2	1	0	1	0
E	0	0	0	0	0	0	0
Rectum	903	654	80	25	116	18	10
Total	2,226	1,570	165	73	367	32	19

7-5 Histological, endoscopic polypectomy

Adenocarcinoma

Site	Total	Curative resection		Non-curative resection		Not resected	Unknown
		absolute	relative	relative	absolute		
I	0	0	0	0	0	0	0
V	0	0	0	0	0	0	0
C	2	0	0	0	0	0	2
A	8	6	0	1	0	0	1
T	8	7	0	0	0	0	1
D	16	13	1	0	1	0	1
S	104	67	8	0	0	0	29
Colon	138	93	9	1	1	0	34
Rs	27	20	3	0	0	0	4
Ra	22	16	3	0	0	0	3
Rb	21	14	4	0	0	0	3
P	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
Rectum	70	50	10	0	0	0	10
Total	208	143	19	1	1	0	44

Minimum requirements for "curative resection" are as follows:

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

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

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

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

(See footnote to Table 5)

8 Hepatic metastasis

Adenocarcinoma, surgical cases

Site	Total	H0	H1	H2	H3	Unknown
I	1	1	0	0	0	0
V	13	13	0	0	0	0
C	314	266	18	6	24	0
A	618	525	32	23	36	2
T	364	313	11	9	28	3
D	247	203	14	10	15	5
S	1,473	1,265	71	39	88	10
Colon	3,030	2,586	146	87	191	20
Rs	629	559	28	11	27	4
Ra	731	650	24	14	38	5
Rb	1,022	903	29	20	29	41
P	60	55	2	0	0	3
E	0	0	0	0	0	0
Rectum	2,442	2,167	83	45	94	53
Total	5,472	4,753	229	132	285	73

H0: No evidence of liver metastasis.

H1: Metastases in one lobe only.

H2: A few scattered metastases in both lobes.

H3: Numerous metastases in both lobes.

9 Peritoneal disseminating metastasis

Adenocarcinoma, surgical cases

Site	Total	P0	p+	P1	P2	P3	Unknown
I	1	1	0	0	0	0	0
V	13	10	0	0	0	3	0
C	314	262	3	14	18	17	0
A	618	557	4	20	17	18	2
T	364	333	1	10	8	12	0
D	247	218	0	9	9	6	5
S	1,473	1,379	4	32	19	29	10
Colon	3,030	2,760	12	85	71	85	17
Rs	629	590	2	25	6	6	0
Ra	731	701	2	12	6	5	5
Rb	1,022	947	0	11	4	7	53
P	60	56	0	1	0	0	3
E	0	0	0	0	0	0	0
Rectum	2,442	2,294	4	49	16	18	61
Total	5,472	5,054	16	134	87	103	78

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

10 Metastasis to remote organs

Adenocarcinoma, surgical cases

Site	Total	M(-)	M(+)	Unknown
I	1	1	0	0
V	13	13	0	0
C	314	300	9	5
A	618	594	18	6
T	364	354	6	4
D	247	230	8	9
S	1,473	1,427	30	16
Colon	3,030	2,919	71	40
Rs	629	607	15	7
Ra	731	708	12	11
Rb	1,022	963	23	36
P	60	59	0	1
E	0	0	0	0
Rectum	2,442	2,337	50	55
Total	5,472	5,256	121	95

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

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

11 Lymph node metastasis

11-1 Macroscopic

Adenocarcinoma, surgical cases

Site	Total	N0	N1	N2	N3	N4	Nx
I	1	1	0	0	0	0	0
V	13	4	3	2	2	0	2
C	314	91	84	75	37	18	9
A	618	167	197	157	56	27	14
T	364	127	113	63	33	17	11
D	247	94	80	35	9	15	14
S	1,473	648	408	250	66	59	42
Colon	3,030	1,132	885	582	203	136	92
Rs	629	271	222	86	19	18	13
Ra	731	300	257	111	21	18	24
Rb	1,022	446	278	166	25	33	74
P	60	33	8	6	4	1	8
E	0	0	0	0	0	0	0
Rectum	2,442	1,050	765	369	69	70	119
Total	5,472	2,182	1,650	951	272	206	211

11-2 Histological

Adenocarcinoma, surgical cases

Site	Total	n0	n1	n2	n3	n4	nx
I	1	1	0	0	0	0	0
V	13	6	3	0	1	0	3
C	314	163	64	40	19	10	18
A	618	297	158	80	35	16	32
T	364	209	66	40	19	9	21
D	247	132	61	25	4	8	17
S	1,473	857	306	175	23	39	73
Colon	3,030	1,665	658	360	101	82	164
Rs	629	335	171	66	16	10	31
Ra	731	372	205	74	22	18	40
Rb	1,022	530	192	144	30	24	102
P	60	32	7	6	5	3	7
E	0	0	0	0	0	0	0
Rectum	2,442	1,269	575	290	73	55	180
Total	5,472	2,934	1,233	650	174	137	344

N0: No macroscopic evidence of lymph node metastasis.

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

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

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

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

Nx: Lymph node metastasis unknown or not assessed.

n0: No histological evidence of lymph node metastasis.

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

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

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

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

nx: Lymph node metastasis unknown or not assessed.

12 Depth of invasion

12-1 Macroscopic

Adenocarcinoma, surgical cases

Site	Total	M	SM	PM	SS, A1	S, A2	Si, Ai	Unknown
I	1	0	1	0	0	0	0	0
V	13	0	0	0	3	5	3	2
C	314	17	12	22	70	119	64	10
A	618	20	28	41	148	236	111	34
T	364	20	25	20	89	135	47	28
D	247	14	19	11	60	86	42	15
S	1,473	74	173	122	360	489	194	61
Colon	3,030	145	258	216	730	1,070	461	150
Rs	629	23	53	75	166	226	64	22
Ra	731	34	49	87	199	273	68	21
Rb	1,022	60	67	187	238	291	122	57
P	60	5	7	10	6	15	14	3
E	0	0	0	0	0	0	0	0
Rectum	2,442	122	176	359	609	805	268	103
Total	5,472	267	434	575	1,339	1,875	729	253

M: Carcinoma is limited to within the mucosa.

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

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

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

S: Carcinoma is exposed on the serosal surface.

Si: Carcinoma definitely infiltrates other organs.

At the site without serosa

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

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

Ai: Carcinoma definitely infiltrates other organs.

12-2 Histological

Adenocarcinoma, surgical cases

Site	Total	m	sm	pm	ss, a1	s, a2	si, ai	Unknown
I	1	1	0	0	0	0	0	0
V	13	0	0	0	4	2	3	4
C	314	22	15	26	112	106	27	6
A	618	26	26	33	255	212	47	19
T	364	33	22	25	156	102	21	5
D	247	19	20	17	108	58	22	3
S	1,473	87	179	132	624	341	96	14
Colon	3,030	188	262	233	1,259	821	216	51
Rs	629	38	39	93	243	170	36	10
Ra	731	38	63	98	265	224	28	15
Rb	1,022	78	89	239	251	285	61	19
P	60	5	7	8	8	22	9	1
E	0	0	0	0	0	0	0	0
Rectum	2,442	159	198	438	767	701	134	45
Total	5,472	347	460	671	2,026	1,522	350	96

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

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

13 Surgical procedures

Adenocarcinoma, surgical cases

No. of cases		No. of cases	
Nonresection		Right colectomy	935
Laparotomy only	12	Transversectomy	176
Enterostomy		Descending colectomy	86
ileum	2	Left colectomy	202
right colon	3	Sigmoidectomy	1,248
transverse colon	12	Subtotal colectomy	9
left colon	34	Total colectomy	8
unknown	0	Total colorectal resection	6
Intestinal by-pass	17	Sphincter-preserving operation	
Others	4	High anterior resection	379
Polypectomy		Low anterior resection	1,142
trans-abdominal	16	Posterior resection	2
trans-anal	24	Invagination method	7
trans-sacral	12	Pull-through procedure	10
trans-sphincteric	3	Abdominosacral resection	7
Tumorectomy		Hartmann's operation	131
trans-abdominal	7	Amputation of the rectum	
trans-anal	38	abdominoperineal	713
trans-sacral	11	abdominosacral	17
trans-sphincteric	2	sacroabdominal	5
Appendectomy	4	Total pelvic exenteration	44
Ileocecal resection	88	Others	27
Ascending colectomy	29	Unknown	0
		Total	5,472

14 Operative mortality

14-1 Operative curability

Adenocarcinoma

		Total	Curative resection		Non-curative resection		Not resected	Unknown
			absolute	relative	relative	absolute		
Colon	No. of operations	3,030	2,096	175	103	596	36	24
	Operative deaths	43	11	3	2	23	4	0
	%	1.4	0.5	1.7	1.9	3.9	11.1	0
Rectum	No. of operations	2,442	1,783	178	57	359	42	23
	Operative deaths	35	18	5	1	5	3	3
	%	1.4	1.0	2.8	1.8	1.4	7.1	13.0

14-2 Operative curability

Malignant neoplasms other than adenocarcinoma

		Total	Curative resection		Non-curative resection		Not resected	Unknown
			absolute	relative	relative	absolute		
Colon	No. of operations	23	15	1	1	5	0	1
	Operative deaths	1	0	0	0	1	0	0
	%	4.3	0	0	0	20.0		0
Rectum	No. of operations	44	18	15	2	7	1	1
	Operative deaths	0	0	0	0	0	0	0
	%	0	0	0	0	0	0	0

14-3 Site of the tumor

Adenocarcinoma				Other malignancies			
	No. of operations	Operative deaths	%	No. of operations	Operative deaths	%	
I	1	0		2	0		
V	13	0		0	0		
C	314	5	1.6	5	1	20.0	
A	618	8	1.3	10	0		
T	364	3	0.8	1	0		
D	247	5	2.0	2	0		
S	1,473	22	1.5	3	0		
Colon	3,030	43	1.4	23	1	4.3	
Rs	629	3	0.5	2	0		
Ra	731	9	1.2	1	0		
Rb	1022	20	2.0	24	0		
P	60	3	5.0	17	0		
E	0	0		0	0		
Rectum	2,442	35	1.4	44	0	0	
Total	5,472	78	1.4	67	1	1.5	

14-4 Surgical procedures

Adenocarcinoma

	No.of cases	No.of deaths	%		No.of cases	No.of deaths	%
Nonresection				Right colectomy	935	12	1.3
Laparotomy only	12	0		Transversectomy	176	1	0.6
Enterostomy				Descending colectomy	86	1	1.2
ileum	2	1	50.0	Left colectomy	202	4	2.0
right colon	3	0		Sigmoidectomy	1,248	14	1.1
transverse colon	12	2	16.7	Subtotal colectomy	9	0	
left colon	34	2	5.9	Total colectomy	8	0	
unknown	0	0		Total colorectal resection	6	0	
Intestinal by-pass	17	2	11.8	Sphincter-preserving operation			
Others	4	0		High anterior resection	379	3	0.8
Polypectomy				Low anterior resection	1,142	15	1.3
trans-abdominal	16	0		Posterior resection	2	0	
trans-anal	24	1	4.2	Invagination method	7	0	
trans-sacral	12	0		Pull-through procedure	10	0	
trans-sphincteric	3	0		Abdominosacral resection	7	0	
Tumorectomy				Hartmann's operation	131	5	3.8
trans-abdominal	7	0		Amputation of the rectum			
trans-anal	38	1	2.6	abdominoperineal	713	12	1.7
trans-sacral	11	0		abdominosacral	17	0	
trans-sphincteric	2	0		sacroabdominal	5	0	
Appendectomy	4	0		Total pelvic exenteration	44	1	2.3
Ileocecal resection	88	0		Others	27	1	3.7
Ascending colectomy	29	0		Unknown	0	0	
				Total	5,472	78	1.4

Cumulative Survival Rate

15-1 Sex

Adenocarcinoma

Colon, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,695	215	106	0	86.9 ± 1.7	(88.6 - 85.2)
	1 - 2	1,374	120	40	0	79.2 ± 2.0	(81.2 - 77.2)
	2 - 3	1,214	92	40	0	73.1 ± 2.2	(75.3 - 70.9)
	3 - 4	1,082	57	65	0	69.1 ± 2.3	(71.5 - 66.8)
	4 - 5	960	61	78	0	64.6 ± 2.5	(67.0 - 62.1)
	5 -	821			821		
TOTAL		1,695	545	329	821		

Colon, female	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,311	161	82	0	87.3 ± 1.9	(89.2 - 85.5)
	1 - 2	1,068	98	29	0	79.2 ± 2.3	(81.5 - 76.9)
	2 - 3	941	69	33	0	73.3 ± 2.5	(75.8 - 70.8)
	3 - 4	839	41	49	0	69.6 ± 2.7	(72.3 - 66.9)
	4 - 5	749	25	60	0	67.2 ± 2.7	(69.9 - 64.4)
	5 -	664			664		
TOTAL		1,311	394	253	664		

Rectum, male	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,530	160	57	0	89.3 ± 1.6	(90.9 - 87.8)
	1 - 2	1,313	147	27	0	79.2 ± 2.1	(81.3 - 77.1)
	2 - 3	1,139	111	31	0	71.4 ± 2.4	(73.8 - 69.0)
	3 - 4	997	72	51	0	66.1 ± 2.5	(68.6 - 63.6)
	4 - 5	874	50	43	0	62.2 ± 2.6	(64.8 - 59.7)
	5 -	781			781		
TOTAL		1,530	540	209	781		

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	898	81	40	0	90.8 ± 2.0	(92.7 - 88.8)
	1 - 2	777	64	20	0	83.2 ± 2.5	(85.7 - 80.7)
	2 - 3	693	58	25	0	76.1 ± 2.9	(79.0 - 73.2)
	3 - 4	610	35	22	0	71.7 ± 3.1	(74.8 - 68.5)
	4 - 5	553	29	42	0	67.8 ± 3.3	(71.0 - 64.5)
	5 -	482			482		
TOTAL		898	267	149	482		

15-2 Sex

Malignant neoplasms other than adenocarcinoma

Colon, male

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	12	3	2	0	72.7 ± 26.9	(99.6 - 45.9)
1 - 2	7	0	0	0	72.7 ± 26.9	(99.6 - 45.9)
2 - 3	7	0	1	0	72.7 ± 26.9	(99.6 - 45.9)
3 - 4	6	0	0	0	72.7 ± 26.9	(99.6 - 45.9)
4 - 5	6	0	1	0	72.7 ± 26.9	(99.6 - 45.9)
5 -	5			5		
TOTAL	12	3	4	5		

Colon, female

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

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	20	1	0	0	95.0 ± 9.7	(104.7 - 85.3)
1 - 2	19	1	2	0	89.7 ± 13.8	(103.5 - 75.9)
2 - 3	16	0	0	0	89.7 ± 13.8	(103.5 - 75.9)
3 - 4	16	0	2	0	89.7 ± 13.8	(103.5 - 75.9)
4 - 5	14	0	0	0	89.7 ± 13.8	(103.5 - 75.9)
5 -	14			14		
TOTAL	20	2	4	14		

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	24	8	0	0	66.7 ± 19.2	(85.9 - 47.4)
1 - 2	16	2	0	0	58.3 ± 20.1	(78.5 - 38.2)
2 - 3	14	1	0	0	54.2 ± 20.3	(74.5 - 33.8)
3 - 4	13	0	1	0	54.2 ± 20.3	(74.5 - 33.8)
4 - 5	12	1	0	0	49.7 ± 20.6	(70.2 - 29.1)
5 -	11			11		
TOTAL	24	12	1	11		

16-1 Macroscopic operative curability

Colon, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,108	33	63	0	96.9 ± 1.1	(98.0 - 95.9)
1 - 2	1,012	36	26	0	93.4 ± 1.5	(95.0 - 91.9)
2 - 3	950	43	32	0	89.1 ± 1.9	(91.1 - 87.2)
3 - 4	875	28	51	0	86.2 ± 2.2	(88.4 - 84.0)
4 - 5	796	41	65	0	81.6 ± 2.5	(84.1 - 79.1)
5 -	690			690		
TOTAL	1,108	181	237	690		

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	145	14	10	0	90.0 ± 5.1	(95.1 - 84.9)
1 - 2	121	7	7	0	84.6 ± 6.2	(90.8 - 78.5)
2 - 3	107	8	3	0	78.2 ± 7.2	(85.4 - 71.0)
3 - 4	96	8	8	0	71.4 ± 8.0	(79.4 - 63.4)
4 - 5	80	8	5	0	64.0 ± 8.7	(72.8 - 55.3)
5 -	67			67		
TOTAL	145	45	33	67		

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	7	2	0	85.4 ± 10.2	(95.6 - 75.2)
1 - 2	40	8	1	0	68.1 ± 13.6	(81.7 - 54.5)
2 - 3	31	8	0	0	50.5 ± 14.7	(65.3 - 35.8)
3 - 4	23	8	1	0	32.6 ± 13.9	(46.5 - 18.6)
4 - 5	14	2	0	0	27.9 ± 13.4	(41.3 - 14.5)
5 -	12			12		
TOTAL	49	33	4	12		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	366	143	31	0	59.2 ± 5.3	(64.5 - 54.0)
1 - 2	192	65	5	0	38.9 ± 5.3	(44.2 - 33.5)
2 - 3	122	32	4	0	28.5 ± 5.0	(33.5 - 23.5)
3 - 4	86	13	5	0	24.1 ± 4.8	(28.9 - 19.3)
4 - 5	68	10	7	0	20.3 ± 4.6	(25.0 - 15.7)
5 -	51			51		
TOTAL	366	263	52	51		

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	17	0	0	22.7 ± 17.9	(40.6 - 4.9)
1 - 2	5	3	0	0	9.1 ± 12.3	(21.3 - -3.2)
2 - 3	2	1	0	0	4.5 ± 8.9	(13.4 - -4.3)
3 - 4	1	0	0	0	4.5 ± 8.9	(13.4 - -4.3)
4 - 5	1	0	0	0	4.5 ± 8.9	(13.4 - -4.3)
5 -	1			1		
TOTAL	22	21	0	1		

16-2 Macroscopic operative curability

Colon, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	854	27	49	0	96.7 ± 1.2	(98.0 - 95.5)
1 - 2	778	34	18	0	92.5 ± 1.9	(94.3 - 90.6)
2 - 3	726	33	26	0	88.2 ± 2.3	(90.5 - 85.9)
3 - 4	667	22	39	0	85.2 ± 2.5	(87.7 - 82.6)
4 - 5	606	17	52	0	82.7 ± 2.7	(85.4 - 80.0)
5 -	537			537		
TOTAL	854	133	184	537		

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	122	8	12	0	93.1 ± 4.7	(97.8 - 88.4)
1 - 2	102	5	3	0	88.5 ± 6.0	(94.5 - 82.4)
2 - 3	94	6	4	0	82.7 ± 7.2	(89.9 - 75.5)
3 - 4	84	8	4	0	74.6 ± 8.5	(83.1 - 66.1)
4 - 5	72	3	4	0	71.4 ± 8.9	(80.3 - 62.5)
5 -	65			65		
TOTAL	122	30	27	65		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	53	9	3	0	82.5 ± 10.6	(93.1 - 71.9)
1 - 2	41	8	1	0	66.2 ± 13.4	(79.6 - 52.9)
2 - 3	32	7	1	0	51.5 ± 14.3	(65.8 - 37.2)
3 - 4	24	1	0	0	49.4 ± 14.3	(63.7 - 35.0)
4 - 5	23	2	2	0	44.9 ± 14.4	(59.2 - 30.5)
5 -	19			19		
TOTAL	53	27	7	19		

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	259	106	15	0	57.9 ± 6.2	(64.1 - 51.6)
1 - 2	138	49	7	0	36.8 ± 6.2	(43.0 - 30.6)
2 - 3	82	22	2	0	26.8 ± 5.8	(32.6 - 21.0)
3 - 4	58	9	6	0	22.4 ± 5.5	(28.0 - 16.9)
4 - 5	43	3	2	0	20.8 ± 5.4	(26.3 - 15.4)
5 -	38			38		
TOTAL	259	189	32	38		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	15	11	2	0	21.4 ± 21.9	(43.4 - -0.5)
1 - 2	2	1	0	0	10.7 ± 18.7	(29.4 - -8.0)
2 - 3	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	15	13	2	0		

16-3 Macroscopic operative curability

Rectum, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,099	41	36	0	96.2 ± 1.2	(97.4 - 95.0)
1 - 2	1,022	49	17	0	91.6 ± 1.7	(93.3 - 89.9)
2 - 3	956	66	22	0	85.2 ± 2.2	(87.4 - 83.0)
3 - 4	868	55	41	0	79.6 ± 2.5	(82.1 - 77.1)
4 - 5	772	39	37	0	75.5 ± 2.7	(78.2 - 72.8)
5 -	696			696		
TOTAL	1,099	250	153	696		

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	116	13	4	0	88.6 ± 6.0	(94.6 - 82.6)
1 - 2	99	13	2	0	76.8 ± 8.0	(84.8 - 68.9)
2 - 3	84	11	6	0	66.4 ± 9.0	(75.4 - 57.4)
3 - 4	67	3	7	0	63.3 ± 9.3	(72.6 - 54.0)
4 - 5	57	4	6	0	58.6 ± 9.7	(68.3 - 48.9)
5 -	47			47		
TOTAL	116	44	25	47		

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	32	4	0	0	87.5 ± 11.7	(99.2 - 75.8)
1 - 2	28	6	1	0	68.4 ± 16.5	(84.9 - 51.9)
2 - 3	21	5	1	0	51.7 ± 18.0	(69.7 - 33.7)
3 - 4	15	1	1	0	48.2 ± 18.1	(66.3 - 30.0)
4 - 5	13	1	0	0	44.5 ± 18.2	(62.6 - 26.3)
5 -	12			12		
TOTAL	32	17	3	12		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	244	79	13	0	66.7 ± 6.1	(72.9 - 60.6)
1 - 2	152	77	7	0	32.1 ± 6.2	(38.3 - 25.9)
2 - 3	68	28	2	0	18.7 ± 5.3	(24.0 - 13.4)
3 - 4	38	12	1	0	12.7 ± 4.6	(17.3 - 8.1)
4 - 5	25	6	0	0	9.7 ± 4.1	(13.8 - 5.6)
5 -	19			19		
TOTAL	244	202	23	19		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	28	22	4	0	15.4 ± 14.2	(29.5 - 1.2)
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	28	24	4	0		

16-4 Macroscopic operative curability

Rectum, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	667	20	30	0	96.9 ± 1.4	(98.3 - 95.6)
1 - 2	617	29	14	0	92.3 ± 2.1	(94.4 - 90.2)
2 - 3	574	36	19	0	86.4 ± 2.7	(89.2 - 83.7)
3 - 4	519	23	19	0	82.5 ± 3.1	(85.6 - 79.5)
4 - 5	477	21	39	0	78.7 ± 3.3	(82.1 - 75.4)
5 -	417			417		
TOTAL	667	129	121	417		

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	74	6	2	0	91.8 ± 6.4	(98.2 - 85.4)
1 - 2	66	11	3	0	76.1 ± 10.1	(86.2 - 66.0)
2 - 3	52	6	1	0	67.3 ± 11.2	(78.5 - 56.0)
3 - 4	45	3	0	0	62.8 ± 11.6	(74.4 - 51.2)
4 - 5	42	3	1	0	58.2 ± 11.9	(70.1 - 46.3)
5 -	38			38		
TOTAL	74	29	7	38		

Relative non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	31	4	1	0	86.9 ± 12.2	(99.1 - 74.7)
1 - 2	26	4	1	0	73.3 ± 16.2	(89.5 - 57.0)
2 - 3	21	5	1	0	55.4 ± 18.5	(73.9 - 36.9)
3 - 4	15	3	1	0	43.9 ± 18.8	(62.8 - 25.1)
4 - 5	11	2	0	0	35.9 ± 18.5	(54.4 - 17.5)
5 -	9			9		
TOTAL	31	18	4	9		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	100	38	5	0	61.0 ± 9.9	(70.9 - 51.1)
1 - 2	57	18	2	0	41.4 ± 10.1	(51.6 - 31.3)
2 - 3	37	9	3	0	30.9 ± 9.7	(40.6 - 21.2)
3 - 4	25	5	2	0	24.5 ± 9.2	(33.7 - 15.2)
4 - 5	18	3	1	0	20.3 ± 8.8	(29.1 - 11.5)
5 -	14			14		
TOTAL	100	73	13	14		

Not resected

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	18	13	2	0	23.5 ± 20.6	(44.1 - 3.0)
1 - 2	3	1	0	0	15.7 ± 18.8	(34.5 - -3.1)
2 - 3	2	0	1	0	15.7 ± 18.8	(34.5 - -3.1)
3 - 4	1	0	0	0	15.7 ± 18.8	(34.5 - -3.1)
4 - 5	1	0	1	0	15.7 ± 18.8	(34.5 - -3.1)
5 -	0			0		
TOTAL	18	14	4	0		

16-5 Histological operative curability

Colon, male, adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	1,177	35	67	0	96.9 ± 1.0	(98.0 - 95.9)
	1 - 2	1,075	36	28	0	93.7 ± 1.5	(95.1 - 92.2)
	2 - 3	1,011	46	29	0	89.3 ± 1.9	(91.2 - 87.5)
	3 - 4	936	33	54	0	86.1 ± 2.1	(88.2 - 84.0)
	4 - 5	849	48	70	0	81.0 ± 2.4	(83.5 - 78.6)
	5 -	731			731		
	TOTAL	1,177	198	248	731		
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	90	9	5	0	89.7 ± 6.5	(96.2 - 83.2)
	1 - 2	76	8	7	0	79.8 ± 8.8	(88.6 - 71.0)
	2 - 3	61	3	5	0	75.7 ± 9.5	(85.2 - 66.2)
	3 - 4	53	5	6	0	68.1 ± 10.7	(78.9 - 57.4)
	4 - 5	42	5	4	0	59.6 ± 11.8	(71.4 - 47.9)
	5 -	33			33		
	TOTAL	90	30	27	33		
Relative non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	55	4	3	0	92.5 ± 7.2	(99.7 - 85.3)
	1 - 2	48	8	1	0	76.9 ± 11.7	(88.6 - 65.2)
	2 - 3	39	9	1	0	59.0 ± 13.8	(72.8 - 45.2)
	3 - 4	29	7	1	0	44.5 ± 14.1	(58.6 - 30.4)
	4 - 5	21	3	0	0	38.1 ± 13.9	(52.0 - 24.3)
	5 -	18			18		
	TOTAL	55	31	6	18		
Absolute non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	339	148	31	0	54.3 ± 5.5	(59.8 - 48.7)
	1 - 2	160	64	4	0	32.3 ± 5.4	(37.6 - 26.9)
	2 - 3	92	31	4	0	21.2 ± 4.8	(25.9 - 16.4)
	3 - 4	57	12	3	0	16.6 ± 4.4	(21.0 - 12.2)
	4 - 5	42	5	3	0	14.5 ± 4.2	(18.8 - 10.3)
	5 -	34			34		
	TOTAL	339	260	45	34		
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	23	17	0	0	26.1 ± 18.3	(44.4 - 7.8)
	1 - 2	6	3	0	0	13.0 ± 14.0	(27.1 - -1.0)
	2 - 3	3	1	0	0	8.7 ± 11.8	(20.4 - -3.1)
	3 - 4	2	0	0	0	8.7 ± 11.8	(20.4 - -3.1)
	4 - 5	2	0	0	0	8.7 ± 11.8	(20.4 - -3.1)
	5 -	2			2		
	TOTAL	23	21	0	2		

16-6 Histological operative curability

Colon, female, adenocarcinoma

Absolute curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	912	25	61	0	97.2 ± 1.1	(98.3 - 96.0)
	1 - 2	826	30	21	0	93.6 ± 1.7	(95.3 - 91.9)
	2 - 3	775	34	29	0	89.4 ± 2.1	(91.5 - 87.3)
	3 - 4	712	23	41	0	86.4 ± 2.4	(88.8 - 84.0)
	4 - 5	648	18	56	0	83.9 ± 2.6	(86.5 - 81.3)
	5 -	574			574		
	TOTAL	912	130	208	574		

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	85	10	2	0	88.1 ± 7.1	(95.2 - 81.0)
	1 - 2	73	6	2	0	80.8 ± 8.7	(89.4 - 72.1)
	2 - 3	65	7	2	0	71.9 ± 10.0	(81.9 - 62.0)
	3 - 4	56	7	2	0	62.8 ± 10.8	(73.6 - 51.9)
	4 - 5	47	4	0	0	57.4 ± 11.1	(68.6 - 46.3)
	5 -	43			43		
	TOTAL	85	34	8	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	46	9	2	0	80.0 ± 11.9	(91.9 - 68.1)
	1 - 2	35	8	1	0	61.4 ± 14.7	(76.1 - 46.7)
	2 - 3	26	5	0	0	49.6 ± 15.2	(64.8 - 34.4)
	3 - 4	21	1	0	0	47.3 ± 15.2	(62.5 - 32.1)
	4 - 5	20	2	1	0	42.4 ± 15.1	(57.5 - 27.3)
	5 -	17			17		
	TOTAL	46	25	4	17		

Absolute non-curative resection	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	246	105	14	0	56.1 ± 6.4	(62.5 - 49.6)
	1 - 2	127	52	5	0	32.6 ± 6.2	(38.9 - 26.4)
	2 - 3	70	22	2	0	22.2 ± 5.6	(27.8 - 16.6)
	3 - 4	46	8	6	0	18.1 ± 5.3	(23.4 - 12.8)
	4 - 5	32	1	3	0	17.5 ± 5.2	(22.7 - 12.3)
	5 -	28			28		
	TOTAL	246	188	30	28		

Not resected	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	15	11	2	0	21.4 ± 21.9	(43.4 - -0.5)
	1 - 2	2	1	0	0	10.7 ± 18.7	(29.4 - -8.0)
	2 - 3	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	15	13	2	0		

16-7 Histological operative curability

Rectum, male, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,124	36	42	0	96.7 ± 1.1	(97.8 - 95.7)
1 - 2	1,046	51	18	0	92.0 ± 1.7	(93.6 - 90.3)
2 - 3	977	62	27	0	86.1 ± 2.1	(88.2 - 83.9)
3 - 4	888	55	43	0	80.6 ± 2.4	(83.0 - 78.2)
4 - 5	790	41	42	0	76.3 ± 2.7	(79.0 - 73.6)
5 -	707			707		
TOTAL	1,124	245	172	707		

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	96	14	3	0	85.2 ± 7.3	(92.5 - 77.9)
1 - 2	79	11	0	0	73.3 ± 9.1	(82.5 - 64.2)
2 - 3	68	19	1	0	52.7 ± 10.4	(63.1 - 42.3)
3 - 4	48	5	4	0	47.0 ± 10.4	(57.4 - 36.5)
4 - 5	39	2	0	0	44.5 ± 10.4	(55.0 - 34.1)
5 -	37			37		
TOTAL	96	51	8	37		

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	32	4	0	0	87.5 ± 11.7	(99.2 - 75.8)
1 - 2	28	8	0	0	62.5 ± 17.1	(79.6 - 45.4)
2 - 3	20	5	2	0	46.1 ± 17.8	(63.9 - 28.2)
3 - 4	13	1	0	0	42.5 ± 17.8	(60.3 - 24.7)
4 - 5	12	2	0	0	35.4 ± 17.4	(52.9 - 18.0)
5 -	10			10		
TOTAL	32	20	2	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	241	81	9	0	65.8 ± 6.2	(71.9 - 59.6)
1 - 2	151	75	9	0	32.1 ± 6.2	(38.3 - 25.9)
2 - 3	67	25	1	0	20.0 ± 5.4	(25.5 - 14.6)
3 - 4	41	10	3	0	15.0 ± 4.9	(19.9 - 10.0)
4 - 5	28	5	0	0	12.3 ± 4.6	(16.9 - 7.7)
5 -	23			23		
TOTAL	241	196	22	23		

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	29	23	3	0	16.4 ± 14.1	(30.5 - 2.3)
1 - 2	3	2	0	0	5.5 ± 10.1	(15.5 - -4.6)
2 - 3	1	0	0	0	5.5 ± 10.1	(15.5 - -4.6)
3 - 4	1	0	0	0	5.5 ± 10.1	(15.5 - -4.6)
4 - 5	1	0	0	0	5.5 ± 10.1	(15.5 - -4.6)
5 -	1			1		
TOTAL	29	25	3	1		

16-8 Histological operative curability

Rectum, female, adenocarcinoma

Absolute curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	651	20	29	0	96.9 ± 1.4	(98.2 - 95.5)
1 - 2	602	28	18	0	92.3 ± 2.1	(94.4 - 90.1)
2 - 3	556	31	18	0	87.1 ± 2.7	(89.8 - 84.3)
3 - 4	507	23	19	0	83.0 ± 3.1	(86.1 - 80.0)
4 - 5	465	19	38	0	79.5 ± 3.3	(82.8 - 76.2)
5 -	408			408		
TOTAL	651	121	122	408		

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	79	3	5	0	96.1 ± 4.4	(100.5 - 91.6)
1 - 2	71	8	1	0	85.2 ± 8.3	(93.4 - 76.9)
2 - 3	62	9	3	0	72.5 ± 10.5	(83.0 - 62.0)
3 - 4	50	5	1	0	65.2 ± 11.3	(76.5 - 53.9)
4 - 5	44	5	2	0	57.6 ± 11.8	(69.4 - 45.8)
5 -	37			37		
TOTAL	79	30	12	37		

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	25	4	0	0	84.0 ± 14.7	(98.7 - 69.3)
1 - 2	21	4	0	0	68.0 ± 18.7	(86.7 - 49.3)
2 - 3	17	5	1	0	47.4 ± 20.1	(67.5 - 27.2)
3 - 4	11	2	0	0	38.8 ± 19.8	(58.6 - 18.9)
4 - 5	9	1	0	0	34.5 ± 19.4	(53.9 - 15.1)
5 -	8			8		
TOTAL	25	16	1	8		

Absolute non-curative resection

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	116	40	4	0	64.9 ± 8.9	(73.9 - 56.0)
1 - 2	72	22	1	0	44.9 ± 9.4	(54.3 - 35.5)
2 - 3	49	11	2	0	34.6 ± 9.1	(43.7 - 25.6)
3 - 4	36	4	2	0	30.7 ± 8.9	(39.5 - 21.8)
4 - 5	30	3	1	0	27.6 ± 8.7	(36.2 - 18.9)
5 -	26			26		
TOTAL	116	80	10	26		

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	18	13	2	0	23.5 ± 20.6	(44.1 - 3.0)
1 - 2	3	1	0	0	15.7 ± 18.8	(34.5 - -3.1)
2 - 3	2	0	1	0	15.7 ± 18.8	(34.5 - -3.1)
3 - 4	1	0	0	0	15.7 ± 18.8	(34.5 - -3.1)
4 - 5	1	0	1	0	15.7 ± 18.8	(34.5 - -3.1)
5 -	0			0		
TOTAL	18	14	4	0		

17-1 Hepatic metastasis

Colon, adenocarcinoma

H0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2,571	173	153	0	93.1 ± 1.0	(94.1 - 92.0)
1 - 2	2,245	139	64	0	87.2 ± 1.4	(88.6 - 85.9)
2 - 3	2,042	121	69	0	82.0 ± 1.6	(83.5 - 80.4)
3 - 4	1,852	84	107	0	78.1 ± 1.7	(79.8 - 76.4)
4 - 5	1,661	81	137	0	74.2 ± 1.8	(76.0 - 72.3)
5 -	1,443			1,443		
TOTAL	2,571	598	530	1,443		

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	143	38	7	0	72.8 ± 7.5	(80.3 - 65.2)
1 - 2	98	28	2	0	51.8 ± 8.6	(60.3 - 43.2)
2 - 3	68	20	2	0	36.3 ± 8.3	(44.7 - 28.0)
3 - 4	46	8	4	0	29.7 ± 8.0	(37.7 - 21.7)
4 - 5	34	3	1	0	27.0 ± 7.9	(34.9 - 19.2)
5 -	30			30		
TOTAL	143	97	16	30		

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	87	33	11	0	59.5 ± 10.9	(70.4 - 48.6)
1 - 2	43	20	3	0	30.8 ± 10.8	(41.6 - 20.0)
2 - 3	20	11	0	0	13.9 ± 8.4	(22.3 - 5.5)
3 - 4	9	3	1	0	9.0 ± 7.1	(16.1 - 1.9)
4 - 5	5	2	0	0	5.4 ± 5.8	(11.2 - -0.4)
5 -	3			3		
TOTAL	87	69	15	3		

H3

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	185	125	17	0	29.2 ± 6.8	(36.0 - 22.3)
1 - 2	43	29	0	0	9.5 ± 4.7	(14.2 - 4.8)
2 - 3	14	9	0	0	3.4 ± 3.0	(6.4 - 0.4)
3 - 4	5	2	1	0	1.9 ± 2.3	(4.2 - -0.4)
4 - 5	2	0	0	0	1.9 ± 2.3	(4.2 - -0.4)
5 -	2			2		
TOTAL	185	165	18	2		

17-2 Hepatic metastasis

Rectum, adenocarcinoma

H0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2,154	149	79	0	93.0 ± 1.1	(94.1 - 91.8)
1 - 2	1,926	147	41	0	85.8 ± 1.5	(87.3 - 84.3)
2 - 3	1,738	142	51	0	78.7 ± 1.8	(80.5 - 76.9)
3 - 4	1,545	96	70	0	73.7 ± 2.0	(75.6 - 71.7)
4 - 5	1,379	76	84	0	69.5 ± 2.1	(71.6 - 67.4)
5 -	1,219			1,219		
TOTAL	2,154	610	325	1,219		

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	83	18	5	0	77.6 ± 9.3	(86.9 - 68.4)
1 - 2	60	22	3	0	48.4 ± 11.4	(59.9 - 37.0)
2 - 3	35	12	3	0	31.1 ± 10.9	(42.0 - 20.2)
3 - 4	20	6	0	0	21.8 ± 9.9	(31.7 - 11.8)
4 - 5	14	2	0	0	18.7 ± 9.4	(28.1 - 9.2)
5 -	12			12		
TOTAL	83	60	11	12		

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	45	14	1	0	68.5 ± 13.9	(82.5 - 54.6)
1 - 2	30	18	1	0	26.7 ± 13.5	(40.2 - 13.3)
2 - 3	11	3	0	0	19.4 ± 12.1	(31.6 - 7.3)
3 - 4	8	1	0	0	17.0 ± 11.5	(28.6 - 5.5)
4 - 5	7	0	0	0	17.0 ± 11.5	(28.6 - 5.5)
5 -	7			7		
TOTAL	45	36	2	7		

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	93	56	2	0	39.1 ± 10.2	(49.3 - 29.0)
1 - 2	35	21	1	0	15.3 ± 7.6	(22.9 - 7.7)
2 - 3	13	10	0	0	3.5 ± 4.0	(7.5 - -0.5)
3 - 4	3	2	0	0	1.2 ± 2.3	(3.5 - -1.2)
4 - 5	1	0	0	0	1.2 ± 2.3	(3.5 - -1.2)
5 -	1			1		
TOTAL	93	89	3	1		

18-1 Peritoneal disseminating metastasis

Colon, adenocarcinoma

P0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	2,755	249	174	0	90.7 ± 1.1	(91.8 - 89.5)
	1 - 2	2,332	172	66	0	83.9 ± 1.4	(85.3 - 82.4)
	2 - 3	2,094	143	71	0	78.1 ± 1.6	(79.7 - 76.4)
	3 - 4	1,880	90	111	0	74.2 ± 1.7	(76.0 - 72.5)
	4 - 5	1,679	83	135	0	70.4 ± 1.8	(72.2 - 68.5)
	5 -	1,461			1,461		
	TOTAL	2,755	737	557	1,461		

P1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	82	30	4	0	62.5 ± 10.8	(73.3 - 51.7)
	1 - 2	48	18	1	0	38.8 ± 11.1	(49.9 - 27.7)
	2 - 3	29	9	1	0	26.6 ± 10.2	(36.7 - 16.4)
	3 - 4	19	2	2	0	23.6 ± 9.8	(33.5 - 13.8)
	4 - 5	15	3	1	0	18.7 ± 9.3	(28.0 - 9.4)
	5 -	11			11		
	TOTAL	82	62	9	11		

P2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	71	39	2	0	44.3 ± 11.9	(56.2 - 32.4)
	1 - 2	30	15	1	0	21.8 ± 10.0	(31.8 - 11.7)
	2 - 3	14	6	0	0	12.4 ± 8.1	(20.6 - 4.3)
	3 - 4	8	2	0	0	9.3 ± 7.2	(16.5 - 2.1)
	4 - 5	6	0	1	0	9.3 ± 7.2	(16.5 - 2.1)
	5 -	5			5		
	TOTAL	71	62	4	5		

P3	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	81	51	8	0	33.8 ± 10.8	(44.5 - 23.0)
	1 - 2	22	12	1	0	14.9 ± 8.7	(23.6 - 6.3)
	2 - 3	9	3	0	0	9.9 ± 7.4	(17.4 - 2.5)
	3 - 4	6	3	0	0	5.0 ± 5.5	(10.5 - -0.5)
	4 - 5	3	0	1	0	5.0 ± 5.5	(10.5 - -0.5)
	5 -	2			2		
	TOTAL	81	69	10	2		

18-2 Peritoneal disseminating metastasis

Rectum, adenocarcinoma

P0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2,285	193	83	0	91.4 ± 1.2	(92.6 - 90.2)
1 - 2	2,009	193	44	0	82.5 ± 1.6	(84.1 - 80.9)
2 - 3	1,772	164	53	0	74.8 ± 1.9	(76.6 - 72.9)
3 - 4	1,555	102	70	0	69.7 ± 2.0	(71.7 - 67.8)
4 - 5	1,383	74	82	0	65.9 ± 2.1	(68.0 - 63.8)
5 -	1,227			1,227		
TOTAL	2,285	726	332	1,227		

P1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	48	19	0	0	60.4 ± 14.1	(74.5 - 46.3)
1 - 2	29	11	2	0	36.7 ± 14.1	(50.7 - 22.6)
2 - 3	16	3	2	0	29.3 ± 13.6	(42.9 - 15.8)
3 - 4	11	2	0	0	24.0 ± 13.0	(37.0 - 11.0)
4 - 5	9	1	0	0	21.3 ± 12.6	(34.0 - 8.7)
5 -	8			8		
TOTAL	48	36	4	8		

P2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	16	9	1	0	41.9 ± 25.1	(67.0 - 16.9)
1 - 2	6	1	0	0	34.9 ± 24.5	(59.4 - 10.5)
2 - 3	5	1	0	0	28.0 ± 23.2	(51.2 - 4.7)
3 - 4	4	1	0	0	21.0 ± 21.2	(42.2 - -0.2)
4 - 5	3	2	0	0	7.0 ± 13.4	(20.4 - -6.4)
5 -	1			1		
TOTAL	16	14	1	1		

P3

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	18	15	2	0	11.8 ± 15.6	(27.4 - -3.9)
1 - 2	1	0	0	0	11.8 ± 15.6	(27.4 - -3.9)
2 - 3	1	0	0	0	11.8 ± 15.6	(27.4 - -3.9)
3 - 4	1	0	0	0	11.8 ± 15.6	(27.4 - -3.9)
4 - 5	1	0	1	0	11.8 ± 15.6	(27.4 - -3.9)
5 -	0			0		
TOTAL	18	15	3	0		

19-1 Metastasis to remote organs

Colon, adenocarcinoma

Colon, M(-)	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R±	2SE	5% STD	ERROR
	=====	=====	=====	=====	=====	=====	=====	=====	=====
	0 - 1	2,897	318	180	0	88.7 ±	1.2	(89.9 -	87.5)
	1 - 2	2,399	200	68	0	81.2 ±	1.5	(82.7 -	79.7)
	2 - 3	2,131	158	71	0	75.1 ±	1.7	(76.7 -	73.4)
	3 - 4	1,902	93	111	0	71.3 ±	1.8	(73.0 -	69.5)
	4 - 5	1,698	85	137	0	67.6 ±	1.8	(69.4 -	65.7)
	5 -	1,476			1,476				
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	TOTAL	2,897	854	567	1,476				

Colon, M(+)	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R±	2SE	5% STD	ERROR
	=====	=====	=====	=====	=====	=====	=====	=====	=====
	0 - 1	69	40	3	0	40.7 ±	12.0	(52.7 -	28.8)
	1 - 2	26	11	1	0	23.2 ±	10.5	(33.7 -	12.7)
	2 - 3	14	3	0	0	18.2 ±	9.7	(27.9 -	8.5)
	3 - 4	11	4	1	0	11.3 ±	8.1	(19.4 -	3.2)
	4 - 5	6	1	1	0	9.2 ±	7.6	(16.8 -	1.6)
	5 -	4			4				
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	TOTAL	69	59	6	4				

19-2 Metastasis to remote organs

Rectum, adenocarcinoma

Rectum, M(-)	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV. R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		2,323	206	87	0	91.0 $\pm$ 1.2	(92.2 - 89.8)
1 - 2		2,030	191	45	0	82.3 $\pm$ 1.6	(83.9 - 80.7)
2 - 3		1,794	160	53	0	74.9 $\pm$ 1.8	(76.7 - 73.0)
3 - 4		1,581	106	71	0	69.7 $\pm$ 2.0	(71.7 - 67.8)
4 - 5		1,404	75	84	0	65.9 $\pm$ 2.1	(67.9 - 63.8)
5 -		1,245			1,245		
TOTAL		2,323	738	340	1,245		

Rectum, M(+)	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV. R $\pm$ 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
0 - 1		50	22	1	0	55.6 $\pm$ 14.1	(69.7 - 41.4)
1 - 2		27	14	0	0	26.7 $\pm$ 12.7	(39.4 - 14.1)
2 - 3		13	8	0	0	10.3 $\pm$ 8.7	(19.0 - 1.6)
3 - 4		5	0	0	0	10.3 $\pm$ 8.7	(19.0 - 1.6)
4 - 5		5	1	0	0	8.2 $\pm$ 7.9	(16.1 - 0.4)
5 -		4			4		
TOTAL		50	45	1	4		

20-1 Macroscopic lymph node metastasis

Colon, adenocarcinoma

N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,126	44	73	0	96.0 ± 1.2	(97.2 - 94.8)
1 - 2	1,009	36	23	0	92.5 ± 1.6	(94.1 - 90.9)
2 - 3	950	35	39	0	89.0 ± 1.9	(91.0 - 87.1)
3 - 4	876	23	53	0	86.6 ± 2.1	(88.7 - 84.5)
4 - 5	800	30	78	0	83.2 ± 2.4	(85.6 - 80.8)
5 -	692			692		
TOTAL	1,126	168	266	692		

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	877	80	51	0	90.6 ± 2.0	(92.6 - 88.6)
1 - 2	746	63	23	0	82.8 ± 2.6	(85.5 - 80.2)
2 - 3	660	51	15	0	76.4 ± 3.0	(79.3 - 73.4)
3 - 4	594	33	31	0	72.0 ± 3.2	(75.2 - 68.8)
4 - 5	530	25	33	0	68.5 ± 3.3	(71.8 - 65.2)
5 -	472			472		
TOTAL	877	252	153	472		

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	577	86	37	0	84.6 ± 3.1	(87.7 - 81.5)
1 - 2	454	64	13	0	72.5 ± 3.8	(76.3 - 68.7)
2 - 3	377	46	14	0	63.5 ± 4.2	(67.7 - 59.3)
3 - 4	317	25	19	0	58.3 ± 4.3	(62.6 - 54.0)
4 - 5	273	24	23	0	53.0 ± 4.4	(57.4 - 48.5)
5 -	226			226		
TOTAL	577	245	106	226		

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	202	52	12	0	73.5 ± 6.3	(79.8 - 67.2)
1 - 2	138	24	4	0	60.5 ± 7.1	(67.6 - 53.4)
2 - 3	110	15	1	0	52.2 ± 7.3	(59.5 - 44.9)
3 - 4	94	10	7	0	46.4 ± 7.3	(53.8 - 39.1)
4 - 5	77	5	3	0	43.4 ± 7.3	(50.7 - 36.0)
5 -	69			69		
TOTAL	202	106	27	69		

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	135	68	11	0	47.5 ± 8.8	(56.3 - 38.7)
1 - 2	56	22	2	0	28.5 ± 8.2	(36.7 - 20.3)
2 - 3	32	8	1	0	21.3 ± 7.5	(28.8 - 13.7)
3 - 4	23	5	2	0	16.4 ± 7.0	(23.4 - 9.5)
4 - 5	16	2	1	0	14.3 ± 6.7	(21.0 - 7.6)
5 -	13			13		
TOTAL	135	105	17	13		

20-2 Macroscopic lymph node metastasis

Rectum, adenocarcinoma

N0	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,044	42	39	0	95.9 ± 1.2	(97.1 - 94.7)
	1 - 2	963	42	19	0	91.7 ± 1.7	(93.4 - 89.9)
	2 - 3	902	45	24	0	87.0 ± 2.1	(89.2 - 84.9)
	3 - 4	833	28	38	0	84.0 ± 2.3	(86.4 - 81.7)
	4 - 5	767	32	48	0	80.4 ± 2.6	(83.0 - 77.9)
	5 -	687			687		
	TOTAL	1,044	189	168	687		
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	760	60	27	0	92.0 ± 2.0	(94.0 - 90.0)
	1 - 2	673	75	11	0	81.6 ± 2.9	(84.5 - 78.8)
	2 - 3	587	68	13	0	72.1 ± 3.3	(75.4 - 68.7)
	3 - 4	506	46	17	0	65.4 ± 3.6	(69.0 - 61.8)
	4 - 5	443	31	25	0	60.7 ± 3.7	(64.4 - 57.0)
	5 -	387			387		
	TOTAL	760	280	93	387		
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	367	48	10	0	86.7 ± 3.6	(90.3 - 83.2)
	1 - 2	309	56	11	0	70.7 ± 4.8	(75.6 - 65.9)
	2 - 3	242	40	15	0	58.7 ± 5.3	(64.0 - 53.4)
	3 - 4	187	24	13	0	50.9 ± 5.5	(56.3 - 45.4)
	4 - 5	150	11	6	0	47.1 ± 5.5	(52.6 - 41.5)
	5 -	133			133		
	TOTAL	367	179	55	133		
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	69	24	2	0	64.7 ± 11.6	(76.3 - 53.1)
	1 - 2	43	12	1	0	46.4 ± 12.2	(58.6 - 34.2)
	2 - 3	30	7	1	0	35.4 ± 11.8	(47.2 - 23.6)
	3 - 4	22	1	2	0	33.7 ± 11.7	(45.5 - 22.0)
	4 - 5	19	2	1	0	30.1 ± 11.5	(41.6 - 18.5)
	5 -	16			16		
	TOTAL	69	46	7	16		
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	70	32	4	0	52.9 ± 12.1	(65.0 - 40.8)
	1 - 2	34	16	2	0	27.3 ± 11.1	(38.4 - 16.1)
	2 - 3	16	4	1	0	20.2 ± 10.2	(30.5 - 10.0)
	3 - 4	11	4	0	0	12.9 ± 8.8	(21.6 - 4.1)
	4 - 5	7	1	1	0	10.9 ± 8.3	(19.2 - 2.6)
	5 -	5			5		
	TOTAL	70	57	8	5		

20-3 Histological lymph node metastasis

Colon, adenocarcinoma

n0	YEAR OF OBSERVAT =====	ALIVE AT BEGINNING =====	DIED IN INTERVAL =====	LOST TO FOLLW-UP =====	WITHDRAWN IN ALIVE =====	CUMULATIVE SURV.R± 2SE =====	GREENWOOD'S 5% STD ERROR =====
	0 - 1	1,653	72	114	0	95.5 ± 1.0	(96.5 - 94.4)
	1 - 2	1,467	64	38	0	91.3 ± 1.4	(92.7 - 89.8)
	2 - 3	1,365	61	47	0	87.1 ± 1.7	(88.8 - 85.4)
	3 - 4	1,257	39	74	0	84.3 ± 1.9	(86.2 - 82.5)
	4 - 5	1,144	42	102	0	81.1 ± 2.1	(83.1 - 79.0)
	5 -	1,000			1,000		
	TOTAL	1,653	278	375	1,000		
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	652	88	35	0	86.1 ± 2.7	(88.9 - 83.4)
	1 - 2	529	65	16	0	75.4 ± 3.5	(78.8 - 71.9)
	2 - 3	448	45	14	0	67.7 ± 3.8	(71.5 - 63.9)
	3 - 4	389	26	22	0	63.0 ± 3.9	(67.0 - 59.1)
	4 - 5	341	20	19	0	59.2 ± 4.1	(63.3 - 55.2)
	5 -	302			302		
	TOTAL	652	244	106	302		
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	358	71	24	0	79.5 ± 4.3	(83.8 - 75.1)
	1 - 2	263	40	9	0	67.2 ± 5.1	(72.3 - 62.1)
	2 - 3	214	28	7	0	58.2 ± 5.4	(63.7 - 52.8)
	3 - 4	179	19	12	0	51.8 ± 5.6	(57.4 - 46.3)
	4 - 5	148	13	13	0	47.1 ± 5.7	(52.7 - 41.4)
	5 -	122			122		
	TOTAL	358	171	65	122		
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	100	28	1	0	71.9 ± 9.0	(80.9 - 62.8)
	1 - 2	71	18	4	0	53.1 ± 10.1	(63.2 - 43.0)
	2 - 3	49	12	0	0	40.1 ± 10.0	(50.1 - 30.1)
	3 - 4	37	4	1	0	35.7 ± 9.9	(45.6 - 25.9)
	4 - 5	32	5	0	0	30.1 ± 9.5	(39.6 - 20.6)
	5 -	27			27		
	TOTAL	100	67	6	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	82	39	5	0	50.9 ± 11.2	(62.2 - 39.7)
	1 - 2	38	16	1	0	29.2 ± 10.4	(39.7 - 18.8)
	2 - 3	21	7	1	0	19.2 ± 9.2	(28.4 - 10.0)
	3 - 4	13	5	0	0	11.8 ± 7.7	(19.5 - 4.2)
	4 - 5	8	2	0	0	8.9 ± 6.8	(15.7 - 2.1)
	5 -	6			6		
	TOTAL	82	69	7	6		

20-4 Histological lymph node metastasis

Rectum, adenocarcinoma

n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,261	41	48	0	96.7 ± 1.0	(97.7 - 95.7)
1 - 2	1,172	44	29	0	93.0 ± 1.5	(94.5 - 91.5)
2 - 3	1,099	49	31	0	88.8 ± 1.8	(90.6 - 87.0)
3 - 4	1,019	41	43	0	85.2 ± 2.1	(87.2 - 83.1)
4 - 5	935	40	50	0	81.4 ± 2.3	(83.7 - 79.1)
5 -	845			845		
TOTAL	1,261	215	201	845		

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	573	47	20	0	91.7 ± 2.3	(94.0 - 89.3)
1 - 2	506	76	8	0	77.8 ± 3.5	(81.3 - 74.2)
2 - 3	422	55	13	0	67.5 ± 4.0	(71.5 - 63.5)
3 - 4	354	31	19	0	61.4 ± 4.2	(65.6 - 57.2)
4 - 5	304	22	26	0	56.8 ± 4.3	(61.1 - 52.4)
5 -	256			256		
TOTAL	573	231	86	256		

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	287	54	7	0	81.0 ± 4.7	(85.6 - 76.3)
1 - 2	226	51	4	0	62.5 ± 5.8	(68.3 - 56.7)
2 - 3	171	39	6	0	48.0 ± 6.0	(54.0 - 42.0)
3 - 4	126	26	5	0	37.9 ± 5.9	(43.8 - 32.0)
4 - 5	95	11	2	0	33.5 ± 5.8	(39.3 - 27.7)
5 -	82			82		
TOTAL	287	181	24	82		

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	73	21	2	0	70.8 ± 10.7	(81.5 - 60.1)
1 - 2	50	15	2	0	49.1 ± 11.9	(61.1 - 37.2)
2 - 3	33	15	1	0	26.5 ± 10.7	(37.2 - 15.7)
3 - 4	17	2	1	0	23.3 ± 10.3	(33.6 - 12.9)
4 - 5	14	1	0	0	21.6 ± 10.1	(31.7 - 11.5)
5 -	13			13		
TOTAL	73	54	6	13		

n4

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	55	19	1	0	65.1 ± 12.9	(78.0 - 52.2)
1 - 2	35	13	2	0	40.2 ± 13.5	(53.7 - 26.8)
2 - 3	20	5	2	0	29.6 ± 12.8	(42.5 - 16.8)
3 - 4	13	2	0	0	25.1 ± 12.4	(37.5 - 12.7)
4 - 5	11	1	0	0	22.8 ± 12.1	(34.9 - 10.7)
5 -	10			10		
TOTAL	55	40	5	10		

21-1 Histological depth of invation

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	187	4	11	0	97.8 ± 2.2	(100.0 - 95.6)
	1 - 2	172	1	6	0	97.2 ± 2.5	(99.7 - 94.8)
	2 - 3	165	5	8	0	94.2 ± 3.6	(97.8 - 90.6)
	3 - 4	152	2	16	0	92.9 ± 4.0	(96.9 - 88.9)
	4 - 5	134	3	13	0	90.7 ± 4.6	(95.3 - 86.1)
	5 -	118			118		
	TOTAL	187	15	54	118		
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	261	5	14	0	98.0 ± 1.7	(99.8 - 96.3)
	1 - 2	242	7	5	0	95.2 ± 2.7	(97.9 - 92.4)
	2 - 3	230	3	12	0	93.9 ± 3.1	(97.0 - 90.8)
	3 - 4	215	2	11	0	93.0 ± 3.3	(96.3 - 89.7)
	4 - 5	202	2	27	0	92.0 ± 3.5	(95.5 - 88.5)
	5 -	173			173		
	TOTAL	261	19	69	173		
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	233	4	9	0	98.2 ± 1.7	(100.0 - 96.5)
	1 - 2	220	6	6	0	95.5 ± 2.8	(98.3 - 92.8)
	2 - 3	208	3	7	0	94.1 ± 3.2	(97.3 - 91.0)
	3 - 4	198	6	11	0	91.2 ± 3.9	(95.1 - 87.3)
	4 - 5	181	2	15	0	90.1 ± 4.1	(94.2 - 86.1)
	5 -	164			164		
	TOTAL	233	21	48	164		
ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1,248	125	79	0	89.7 ± 1.8	(91.4 - 87.9)
	1 - 2	1,044	84	30	0	82.3 ± 2.2	(84.6 - 80.1)
	2 - 3	930	67	28	0	76.3 ± 2.5	(78.8 - 73.8)
	3 - 4	835	38	52	0	72.7 ± 2.6	(75.4 - 70.1)
	4 - 5	745	50	64	0	67.6 ± 2.8	(70.5 - 64.8)
	5 -	631			631		
	TOTAL	1,248	364	253	631		
s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	815	146	61	0	81.4 ± 2.8	(84.2 - 78.6)
	1 - 2	608	87	18	0	69.6 ± 3.3	(72.9 - 66.2)
	2 - 3	503	64	14	0	60.6 ± 3.6	(64.2 - 57.0)
	3 - 4	425	36	23	0	55.3 ± 3.7	(59.0 - 51.6)
	4 - 5	366	27	14	0	51.2 ± 3.7	(54.9 - 47.4)
	5 -	325			325		
	TOTAL	815	360	130	325		
si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	213	64	11	0	69.2 ± 6.4	(75.6 - 62.7)
	1 - 2	138	28	3	0	55.0 ± 7.0	(62.0 - 48.0)
	2 - 3	107	16	3	0	46.6 ± 7.1	(53.7 - 39.6)
	3 - 4	88	14	1	0	39.2 ± 7.0	(46.1 - 32.2)
	4 - 5	73	2	5	0	38.1 ± 6.9	(45.0 - 31.1)
	5 -	66			66		
	TOTAL	213	124	23	66		

21-2 Histological depth of invation

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	157	1	14	0	99.3 ± 1.3	(100.7 - 98.0)
	1 - 2	142	3	6	0	97.2 ± 2.8	(100.0 - 94.4)
	2 - 3	133	1	4	0	96.4 ± 3.1	(99.6 - 93.3)
	3 - 4	128	4	8	0	93.3 ± 4.3	(97.6 - 89.0)
	4 - 5	116	3	11	0	90.8 ± 5.1	(95.9 - 85.7)
	5 -	102			102		
	TOTAL	157	12	43	102		

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	197	4	6	0	97.9 ± 2.0	(100.0 - 95.9)
	1 - 2	187	6	2	0	94.8 ± 3.2	(98.0 - 91.6)
	2 - 3	179	5	5	0	92.1 ± 3.9	(96.0 - 88.2)
	3 - 4	169	1	11	0	91.5 ± 4.1	(95.6 - 87.5)
	4 - 5	157	3	5	0	89.8 ± 4.5	(94.2 - 85.3)
	5 -	149			149		
	TOTAL	197	19	29	149		

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	434	16	16	0	96.2 ± 1.8	(98.1 - 94.4)
	1 - 2	402	13	7	0	93.1 ± 2.5	(95.6 - 90.6)
	2 - 3	382	20	9	0	88.2 ± 3.2	(91.3 - 85.0)
	3 - 4	353	14	10	0	84.6 ± 3.6	(88.2 - 81.1)
	4 - 5	329	13	20	0	81.2 ± 3.9	(85.1 - 77.3)
	5 -	296			296		
	TOTAL	434	76	62	296		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	765	54	26	0	92.8 ± 1.9	(94.7 - 90.9)
	1 - 2	685	53	13	0	85.6 ± 2.6	(88.2 - 83.0)
	2 - 3	619	51	22	0	78.4 ± 3.0	(81.4 - 75.3)
	3 - 4	546	32	20	0	73.7 ± 3.3	(77.0 - 70.4)
	4 - 5	494	29	26	0	69.3 ± 3.5	(72.7 - 65.8)
	5 -	439			439		
	TOTAL	765	219	107	439		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	698	102	25	0	85.1 ± 2.7	(87.8 - 82.4)
	1 - 2	571	109	15	0	68.7 ± 3.6	(72.2 - 65.1)
	2 - 3	447	77	14	0	56.6 ± 3.9	(60.5 - 52.8)
	3 - 4	356	50	20	0	48.5 ± 3.9	(52.4 - 44.5)
	4 - 5	286	29	20	0	43.4 ± 4.0	(47.3 - 39.4)
	5 -	237			237		
	TOTAL	698	367	94	237		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	132	31	5	0	76.1 ± 7.5	(83.6 - 68.6)
	1 - 2	96	23	4	0	57.5 ± 8.8	(66.3 - 48.6)
	2 - 3	69	15	1	0	44.9 ± 9.0	(53.8 - 35.9)
	3 - 4	53	6	3	0	39.6 ± 8.9	(48.5 - 30.8)
	4 - 5	44	2	3	0	37.8 ± 8.8	(46.6 - 28.9)
	5 -	39			39		
	TOTAL	132	77	16	39		

22-1 Modality of principal treatment

Colon, adenocarcinoma

Endoscopic polypectomy

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	138	1	27	0	99.2 ± 1.6	(100.8 - 97.6)
1 - 2	110	1	9	0	98.3 ± 2.5	(100.7 - 95.8)
2 - 3	100	1	13	0	97.2 ± 3.2	(100.4 - 94.0)
3 - 4	86	2	11	0	94.8 ± 4.6	(99.4 - 90.2)
4 - 5	73	3	10	0	90.6 ± 6.4	(97.1 - 84.2)
5 -	60			60		
TOTAL	138	8	70	60		

Surgery

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2,994	369	187	0	87.3 ± 1.2	(88.5 - 86.0)
1 - 2	2,438	215	69	0	79.5 ± 1.5	(81.0 - 78.0)
2 - 3	2,154	161	73	0	73.4 ± 1.7	(75.1 - 71.8)
3 - 4	1,920	98	114	0	69.6 ± 1.8	(71.3 - 67.8)
4 - 5	1,708	86	138	0	65.9 ± 1.8	(67.7 - 64.1)
5 -	1,484			1,484		
TOTAL	2,994	929	581	1,484		

Others (chemotherapy, radiation etc.)

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	9	4	0	0	55.6 ± 33.1	(88.7 - 22.4)
1 - 2	5	4	0	0	11.1 ± 21.0	(32.1 - -9.8)
2 - 3	1	0	0	0	11.1 ± 21.0	(32.1 - -9.8)
3 - 4	1	0	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		

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	6	1	0	20.0 ± 29.2	(49.2 - -9.2)
1 - 2	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	8	7	1	0		

22-2 Modality of principal treatment

Rectum, 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	70	0	11	0	100.0 ± 0.0	(100.0 -100.0)
1 - 2	59	0	8	0	100.0 ± 0.0	(100.0 -100.0)
2 - 3	51	0	7	0	100.0 ± 0.0	(100.0 -100.0)
3 - 4	44	0	3	0	100.0 ± 0.0	(100.0 -100.0)
4 - 5	41	1	1	0	97.5 ± 4.9	(102.4 - 92.7)
5 -	39			39		
TOTAL	70	1	30	39		

Surgery

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	2,412	230	94	0	90.3 ± 1.2	(91.5 - 89.1)
1 - 2	2,088	211	47	0	81.0 ± 1.6	(82.7 - 79.4)
2 - 3	1,830	169	55	0	73.4 ± 1.8	(75.3 - 71.6)
3 - 4	1,606	107	72	0	68.4 ± 2.0	(70.4 - 66.5)
4 - 5	1,427	79	85	0	64.5 ± 2.0	(66.6 - 62.5)
5 -	1,263			1,263		
TOTAL	2,412	796	353	1,263		

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	12	8	3	0	23.8 ± 26.3	(50.1 - -2.5)
1 - 2	1	0	0	0	23.8 ± 26.3	(50.1 - -2.5)
2 - 3	1	0	1	0	23.8 ± 26.3	(50.1 - -2.5)
3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	12	8	4	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	0	0	25.0 ± 30.6	(55.6 - -5.6)
1 - 2	2	1	0	0	12.5 ± 23.4	(35.9 --10.9)
2 - 3	1	0	0	0	12.5 ± 23.4	(35.9 --10.9)
3 - 4	1	0	1	0	12.5 ± 23.4	(35.9 --10.9)
4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
5 -	0			0		
TOTAL	8	7	1	0		

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

Colon, N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,075	29	69	0	97.2 ± 1.0	(98.2 - 96.2)
1 - 2	977	28	23	0	94.4 ± 1.4	(95.8 - 92.9)
2 - 3	926	31	38	0	91.2 ± 1.8	(93.0 - 89.4)
3 - 4	857	19	52	0	89.1 ± 2.0	(91.1 - 87.1)
4 - 5	786	29	78	0	85.6 ± 2.3	(87.9 - 83.3)
5 -	679			679		
TOTAL	1,075	136	260	679		

Rectum, N0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	1,012	37	38	0	96.3 ± 1.2	(97.5 - 95.1)
1 - 2	937	33	19	0	92.8 ± 1.6	(94.5 - 91.2)
2 - 3	885	39	24	0	88.7 ± 2.0	(90.7 - 86.7)
3 - 4	822	25	38	0	85.9 ± 2.3	(88.2 - 83.7)
4 - 5	759	31	48	0	82.3 ± 2.5	(84.8 - 79.8)
5 -	680			680		
TOTAL	1,012	165	167	680		

Colon, n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	949	30	83	0	96.7 ± 1.2	(97.9 - 95.5)
1 - 2	836	24	23	0	93.9 ± 1.6	(95.5 - 92.3)
2 - 3	789	22	25	0	91.2 ± 1.9	(93.1 - 89.3)
3 - 4	742	23	35	0	88.3 ± 2.2	(90.5 - 86.1)
4 - 5	684	20	64	0	85.6 ± 2.5	(88.1 - 83.2)
5 -	600			600		
TOTAL	949	119	230	600		

Rectum, n0

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	719	21	30	0	97.0 ± 1.3	(98.3 - 95.7)
1 - 2	668	18	14	0	94.4 ± 1.8	(96.1 - 92.6)
2 - 3	636	23	15	0	90.9 ± 2.2	(93.1 - 88.7)
3 - 4	598	22	27	0	87.5 ± 2.6	(90.1 - 84.9)
4 - 5	549	18	27	0	84.6 ± 2.8	(87.4 - 81.7)
5 -	504			504		
TOTAL	719	102	113	504		

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

Colon, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	135	6	8	0	95.4 ± 3.7	(99.1 - 91.8)
1 - 2	121	1	5	0	94.6 ± 4.0	(98.6 - 90.7)
2 - 3	115	3	6	0	92.1 ± 4.8	(96.9 - 87.3)
3 - 4	106	0	8	0	92.1 ± 4.8	(96.9 - 87.3)
4 - 5	98	2	13	0	90.1 ± 5.5	(95.6 - 84.6)
5 -	83			83		
TOTAL	135	12	40	83		

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	244	1	11	0	99.6 ± 0.8	(100.4 - 98.7)
1 - 2	232	6	6	0	97.0 ± 2.3	(99.2 - 94.7)
2 - 3	220	3	11	0	95.6 ± 2.7	(98.3 - 92.9)
3 - 4	206	3	13	0	94.2 ± 3.1	(97.3 - 91.0)
4 - 5	190	2	17	0	93.1 ± 3.4	(96.6 - 89.7)
5 -	171			171		
TOTAL	244	15	58	171		

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	155	2	3	0	98.7 ± 1.8	(100.5 - 96.9)
1 - 2	150	2	2	0	97.4 ± 2.6	(100.0 - 94.8)
2 - 3	146	2	3	0	96.0 ± 3.2	(99.2 - 92.8)
3 - 4	141	3	12	0	93.9 ± 4.0	(97.8 - 89.9)
4 - 5	126	4	11	0	90.8 ± 4.9	(95.7 - 85.9)
5 -	111			111		
TOTAL	155	13	31	111		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	237	6	11	0	97.4 ± 2.1	(99.5 - 95.3)
1 - 2	220	8	3	0	93.8 ± 3.2	(97.0 - 90.7)
2 - 3	209	9	8	0	89.7 ± 4.1	(93.8 - 85.7)
3 - 4	192	4	8	0	87.8 ± 4.4	(92.2 - 83.4)
4 - 5	180	18	14	0	78.7 ± 5.7	(84.3 - 73.0)
5 -	148			148		
TOTAL	237	45	44	148		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	200	8	9	0	95.9 ± 2.8	(98.7 - 93.1)
1 - 2	183	8	6	0	91.6 ± 4.0	(95.6 - 87.6)
2 - 3	169	9	8	0	86.6 ± 5.0	(91.6 - 81.7)
3 - 4	152	6	7	0	83.1 ± 5.5	(88.7 - 77.6)
4 - 5	139	2	12	0	81.9 ± 5.7	(87.6 - 76.2)
5 -	125			125		
TOTAL	200	33	42	125		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	39	5	5	0	86.3 ± 11.4	(97.7 - 74.9)
1 - 2	29	3	0	0	77.4 ± 14.1	(91.5 - 63.3)
2 - 3	26	1	1	0	74.3 ± 14.8	(89.2 - 59.5)
3 - 4	24	2	1	0	68.0 ± 16.0	(84.0 - 52.0)
4 - 5	21	0	5	0	68.0 ± 16.0	(84.0 - 52.0)
5 -	16			16		
TOTAL	39	11	12	16		

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

Colon, adenocarcinoma

M	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	4	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	2 - 3	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	3 - 4	3	0	1	0	75.0 ± 43.3	(118.3 - 31.7)
	4 - 5	2	0	2	0	75.0 ± 43.3	(118.3 - 31.7)
	5 -	0			0		
	TOTAL	4	1	3	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	7	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	7	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	6	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	3 - 4	6	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	4 - 5	5	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	5 -	4			4		
	TOTAL	7	0	3	4		

PM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	36	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	35	1	0	0	97.1 ± 5.6	(102.8 - 91.5)
	2 - 3	34	0	0	0	97.1 ± 5.6	(102.8 - 91.5)
	3 - 4	34	1	1	0	94.2 ± 7.9	(102.1 - 86.3)
	4 - 5	32	0	2	0	94.2 ± 7.9	(102.1 - 86.3)
	5 -	30			30		
	TOTAL	36	2	4	30		

SS/A1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	243	7	10	0	97.1 ± 2.2	(99.2 - 94.9)
	1 - 2	226	8	5	0	93.6 ± 3.2	(96.8 - 90.4)
	2 - 3	213	8	9	0	90.0 ± 4.0	(94.0 - 86.0)
	3 - 4	196	8	10	0	86.2 ± 4.6	(90.8 - 81.6)
	4 - 5	178	9	16	0	81.7 ± 5.3	(86.9 - 76.4)
	5 -	153			153		
	TOTAL	243	40	50	153		

S/A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	321	16	14	0	94.9 ± 2.5	(97.4 - 92.4)
	1 - 2	291	16	9	0	89.6 ± 3.5	(93.1 - 86.1)
	2 - 3	266	17	4	0	83.8 ± 4.2	(88.1 - 79.6)
	3 - 4	245	12	9	0	79.7 ± 4.7	(84.3 - 75.0)
	4 - 5	224	12	8	0	75.3 ± 5.0	(80.3 - 70.3)
	5 -	204			204		
	TOTAL	321	73	44	204		

Si/Ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	86	10	7	0	87.9 ± 7.2	(95.1 - 80.7)
	1 - 2	69	5	3	0	81.4 ± 8.7	(90.1 - 72.7)
	2 - 3	61	7	0	0	72.0 ± 10.2	(82.2 - 61.9)
	3 - 4	54	5	2	0	65.2 ± 10.9	(76.1 - 54.4)
	4 - 5	47	3	2	0	61.0 ± 11.2	(72.2 - 49.8)
	5 -	42			42		
	TOTAL	86	30	14	42		

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

Colon, adenocarcinoma

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

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

SS/A1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	94	5	7	0	94.5 ± 4.8	(99.3 - 89.7)
	1 - 2	82	4	2	0	89.8 ± 6.4	(96.3 - 83.4)
	2 - 3	76	6	4	0	82.5 ± 8.2	(90.7 - 74.3)
	3 - 4	66	5	8	0	75.9 ± 9.5	(85.3 - 66.4)
	4 - 5	53	4	4	0	69.9 ± 10.4	(80.4 - 59.5)
	5 -	45			45		
	TOTAL	94	24	25	45		

S/A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	192	9	11	0	95.2 ± 3.1	(98.3 - 92.0)
	1 - 2	172	9	4	0	90.1 ± 4.4	(94.6 - 85.7)
	2 - 3	159	12	6	0	83.2 ± 5.6	(88.8 - 77.6)
	3 - 4	141	10	7	0	77.2 ± 6.4	(83.5 - 70.8)
	4 - 5	124	10	9	0	70.7 ± 7.0	(77.7 - 63.7)
	5 -	105			105		
	TOTAL	192	50	37	105		

Si/Ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	101	9	2	0	91.0 ± 5.7	(96.7 - 85.3)
	1 - 2	90	13	2	0	77.7 ± 8.4	(86.1 - 69.3)
	2 - 3	75	10	2	0	67.2 ± 9.5	(76.7 - 57.7)
	3 - 4	63	4	1	0	62.9 ± 9.8	(72.7 - 53.1)
	4 - 5	58	4	4	0	58.4 ± 10.1	(68.5 - 48.3)
	5 -	50			50		
	TOTAL	101	40	11	50		

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

Colon, adenocarcinoma

M

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

SM

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

PM

YEAR OF OBSERVAT	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		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	26	4	0	0	84.6 ± 14.2	(98.8 - 70.5)
1 - 2	22	0	2	0	84.6 ± 14.2	(98.8 - 70.5)
2 - 3	20	2	0	0	76.2 ± 17.1	(93.2 - 59.1)
3 - 4	18	1	0	0	71.9 ± 18.1	(90.0 - 53.8)
4 - 5	17	0	0	0	71.9 ± 18.1	(90.0 - 53.8)
5 -	17			17		
TOTAL	26	7	2	17		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	44	2	2	0	95.3 ± 6.4	(101.8 - 88.9)
1 - 2	40	3	1	0	88.1 ± 10.0	(98.1 - 78.1)
2 - 3	36	4	1	0	78.2 ± 12.9	(91.1 - 65.3)
3 - 4	31	3	3	0	70.2 ± 14.5	(84.7 - 55.7)
4 - 5	25	2	1	0	64.5 ± 15.4	(79.9 - 49.1)
5 -	22			22		
TOTAL	44	14	8	22		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	37	3	2	0	91.7 ± 9.2	(100.9 - 82.5)
1 - 2	32	2	1	0	85.8 ± 11.7	(97.6 - 74.1)
2 - 3	29	2	0	0	79.9 ± 13.6	(93.5 - 66.3)
3 - 4	27	1	1	0	76.9 ± 14.4	(91.3 - 62.6)
4 - 5	25	2	2	0	70.5 ± 15.8	(86.3 - 54.7)
5 -	21			21		
TOTAL	37	10	6	21		

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

Colon, adenocarcinoma

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

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

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

SS/A1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	1	0	0	87.5 ± 23.4	(110.9 - 64.1)
	1 - 2	7	1	0	0	75.0 ± 30.6	(105.6 - 44.4)
	2 - 3	6	2	0	0	50.0 ± 35.4	(85.4 - 14.6)
	3 - 4	4	0	0	0	50.0 ± 35.4	(85.4 - 14.6)
	4 - 5	4	0	0	0	50.0 ± 35.4	(85.4 - 14.6)
	5 -	4			4		
	TOTAL	8	4	0	4		

S/A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	18	5	0	0	72.2 ± 21.1	(93.3 - 51.1)
	1 - 2	13	6	1	0	37.6 ± 23.2	(60.7 - 14.4)
	2 - 3	6	2	1	0	23.9 ± 21.3	(45.2 - 2.6)
	3 - 4	3	2	0	0	8.0 ± 14.8	(22.8 - -6.9)
	4 - 5	1	0	0	0	8.0 ± 14.8	(22.8 - -6.9)
	5 -	1			1		
	TOTAL	18	15	2	1		

Si/Ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	21	6	1	0	70.7 ± 20.1	(90.8 - 50.6)
	1 - 2	14	5	0	0	45.5 ± 22.3	(67.7 - 23.2)
	2 - 3	9	1	0	0	40.4 ± 22.0	(62.4 - 18.5)
	3 - 4	8	1	0	0	35.4 ± 21.4	(56.8 - 14.0)
	4 - 5	7	1	0	0	30.3 ± 20.6	(50.9 - 9.7)
	5 -	6			6		
	TOTAL	21	14	1	6		

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

Rectum, adenocarcinoma

M

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	94	0	5	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	89	2	3	0	97.7 ± 3.2	(100.9 - 94.5)
2 - 3	84	2	5	0	95.3 ± 4.6	(99.9 - 90.7)
3 - 4	77	2	7	0	92.7 ± 5.7	(98.5 - 87.0)
4 - 5	68	0	7	0	92.7 ± 5.7	(98.5 - 87.0)
5 -	61			61		
TOTAL	94	6	27	61		

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	151	2	4	0	98.7 ± 1.9	(100.5 - 96.8)
1 - 2	145	4	2	0	95.9 ± 3.3	(99.2 - 92.7)
2 - 3	139	3	3	0	93.8 ± 4.0	(97.8 - 89.8)
3 - 4	133	0	5	0	93.8 ± 4.0	(97.8 - 89.8)
4 - 5	128	1	4	0	93.1 ± 4.2	(97.3 - 88.9)
5 -	123			123		
TOTAL	151	10	18	123		

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	271	8	10	0	97.0 ± 2.1	(99.1 - 94.9)
1 - 2	253	5	6	0	95.1 ± 2.7	(97.7 - 92.4)
2 - 3	242	8	7	0	91.9 ± 3.4	(95.3 - 88.5)
3 - 4	227	6	8	0	89.4 ± 3.9	(93.3 - 85.5)
4 - 5	213	5	12	0	87.2 ± 4.2	(91.5 - 83.0)
5 -	196			196		
TOTAL	271	32	43	196		

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	266	13	6	0	95.1 ± 2.7	(97.7 - 92.4)
1 - 2	247	9	4	0	91.6 ± 3.4	(95.0 - 88.1)
2 - 3	234	10	5	0	87.6 ± 4.1	(91.7 - 83.5)
3 - 4	219	9	12	0	83.9 ± 4.6	(88.5 - 79.3)
4 - 5	198	13	12	0	78.2 ± 5.3	(83.5 - 73.0)
5 -	173			173		
TOTAL	266	54	39	173		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	155	10	4	0	93.5 ± 4.0	(97.5 - 89.5)
1 - 2	141	6	1	0	89.5 ± 5.0	(94.5 - 84.5)
2 - 3	134	13	4	0	80.7 ± 6.5	(87.1 - 74.2)
3 - 4	117	6	4	0	76.5 ± 7.0	(83.4 - 69.5)
4 - 5	107	8	8	0	70.5 ± 7.6	(78.1 - 62.9)
5 -	91			91		
TOTAL	155	43	21	91		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	36	2	2	0	94.3 ± 7.8	(102.1 - 86.4)
1 - 2	32	6	1	0	76.3 ± 14.6	(91.0 - 61.7)
2 - 3	25	3	0	0	67.2 ± 16.3	(83.4 - 50.9)
3 - 4	22	1	0	0	64.1 ± 16.6	(80.7 - 47.5)
4 - 5	21	2	2	0	57.7 ± 17.3	(75.0 - 40.4)
5 -	17			17		
TOTAL	36	14	5	17		

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

Rectum, adenocarcinoma

M

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

SM

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

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	57	2	2	0	96.4 ± 5.0	(101.4 - 91.5)
1 - 2	53	1	0	0	94.6 ± 6.1	(100.7 - 88.6)
2 - 3	52	5	0	0	85.5 ± 9.5	(95.0 - 76.0)
3 - 4	47	2	3	0	81.8 ± 10.4	(92.2 - 71.3)
4 - 5	42	1	4	0	79.7 ± 11.0	(90.7 - 68.8)
5 -	37			37		
TOTAL	57	11	9	37		

SS/A₁

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	213	10	5	0	95.2 ± 2.9	(98.2 - 92.3)
1 - 2	198	7	3	0	91.9 ± 3.8	(95.6 - 88.1)
2 - 3	188	17	5	0	83.4 ± 5.2	(88.6 - 78.2)
3 - 4	166	14	6	0	76.3 ± 6.0	(82.3 - 70.3)
4 - 5	146	9	5	0	71.5 ± 6.4	(77.9 - 65.1)
5 -	132			132		
TOTAL	213	57	24	132		

S/A₂

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	299	10	8	0	96.6 ± 2.1	(98.7 - 94.5)
1 - 2	281	28	7	0	86.9 ± 4.0	(90.8 - 82.9)
2 - 3	246	28	5	0	76.9 ± 5.0	(81.9 - 71.9)
3 - 4	213	22	8	0	68.8 ± 5.5	(74.3 - 63.2)
4 - 5	183	13	12	0	63.7 ± 5.8	(69.5 - 57.9)
5 -	158			158		
TOTAL	299	101	40	158		

Si/A_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	57	4	4	0	92.7 ± 7.0	(99.7 - 85.7)
1 - 2	49	9	1	0	75.5 ± 11.8	(87.3 - 63.7)
2 - 3	39	7	0	0	62.0 ± 13.4	(75.4 - 48.5)
3 - 4	32	1	0	0	60.0 ± 13.6	(73.6 - 46.5)
4 - 5	31	3	2	0	54.0 ± 13.9	(67.9 - 40.2)
5 -	26			26		
TOTAL	57	24	7	26		

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

Rectum, adenocarcinoma

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

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

PM	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	13	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	12	1	0	0	91.7 ± 16.0	(107.6 - 75.7)
	2 - 3	11	2	0	0	75.0 ± 25.0	(100.0 - 50.0)
	3 - 4	9	1	1	0	66.2 ± 27.6	(93.8 - 38.6)
	4 - 5	7	0	0	0	66.2 ± 27.6	(93.8 - 38.6)
	5 -	7			7		
	TOTAL	13	4	2	7		

SS/A1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	65	4	2	0	93.8 ± 6.1	(99.8 - 87.7)
	1 - 2	59	2	1	0	90.5 ± 7.3	(97.9 - 83.2)
	2 - 3	56	5	4	0	82.2 ± 9.8	(91.9 - 72.4)
	3 - 4	47	6	4	0	71.2 ± 11.9	(83.1 - 59.3)
	4 - 5	37	2	3	0	67.2 ± 12.5	(79.7 - 54.7)
	5 -	32			32		
	TOTAL	65	19	14	32		

S/A2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	156	12	4	0	92.2 ± 4.3	(96.5 - 87.9)
	1 - 2	140	18	4	0	80.2 ± 6.5	(86.7 - 73.7)
	2 - 3	118	15	6	0	69.7 ± 7.6	(77.3 - 62.2)
	3 - 4	97	10	8	0	62.2 ± 8.1	(70.3 - 54.1)
	4 - 5	79	5	3	0	58.2 ± 8.3	(66.5 - 49.9)
	5 -	71			71		
	TOTAL	156	60	25	71		

Si/Ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	51	4	1	0	92.1 ± 7.6	(99.7 - 84.5)
	1 - 2	46	9	2	0	73.7 ± 12.6	(86.2 - 61.1)
	2 - 3	35	6	4	0	60.3 ± 14.3	(74.5 - 46.0)
	3 - 4	25	5	1	0	48.0 ± 15.0	(63.0 - 33.0)
	4 - 5	19	1	0	0	45.4 ± 15.0	(60.5 - 30.4)
	5 -	18			18		
	TOTAL	51	25	8	18		

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

Rectum, adenocarcinoma

M

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

SM

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

PM

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

SS/A1

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

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	24	7	1	0	70.2 ± 18.9	(89.1 - 51.3)
1 - 2	16	2	0	0	61.4 ± 20.2	(81.6 - 41.3)
2 - 3	14	3	0	0	48.3 ± 20.8	(69.1 - 27.5)
3 - 4	11	0	1	0	48.3 ± 20.8	(69.1 - 27.5)
4 - 5	10	2	1	0	38.1 ± 20.8	(58.9 - 17.3)
5 -	7			7		
TOTAL	24	14	3	7		

Si/Ai

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

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

Rectum, adenocarcinoma

M

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

SM

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

PM

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

SS/A1

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	5	1	0	0	80.0 ± 35.8	(115.8 - 44.2)
1 - 2	4	1	1	0	57.1 ± 46.3	(103.5 - 10.8)
2 - 3	2	0	0	0	57.1 ± 46.3	(103.5 - 10.8)
3 - 4	2	1	0	0	28.6 ± 46.6	(75.1 --18.0)
4 - 5	1	0	1	0	28.6 ± 46.6	(75.1 --18.0)
5 -	0			0		
TOTAL	5	3	2	0		

S/A2

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	14	5	0	0	64.3 ± 25.6	(89.9 - 38.7)
1 - 2	9	4	0	0	35.7 ± 25.6	(61.3 - 10.1)
2 - 3	5	2	0	0	21.4 ± 21.9	(43.4 - -0.5)
3 - 4	3	0	0	0	21.4 ± 21.9	(43.4 - -0.5)
4 - 5	3	1	0	0	14.3 ± 18.7	(33.0 - -4.4)
5 -	2			2		
TOTAL	14	12	0	2		

Si/Ai

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	18	4	3	0	75.8 ± 21.1	(96.9 - 54.7)
1 - 2	11	7	0	0	27.5 ± 23.3	(50.8 - 4.3)
2 - 3	4	1	0	0	20.7 ± 21.1	(41.8 - -0.5)
3 - 4	3	3	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	18	15	3	0		

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

Colon, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	128	5	8	0	96.0 ± 3.5	(99.5 - 92.4)
	1 - 2	115	1	5	0	95.1 ± 3.9	(99.0 - 91.2)
	2 - 3	109	3	6	0	92.4 ± 4.9	(97.3 - 87.6)
	3 - 4	100	0	8	0	92.4 ± 4.9	(97.3 - 87.6)
	4 - 5	92	2	14	0	90.2 ± 5.6	(95.9 - 84.6)
	5 -	76			76		
	TOTAL	128	11	41	76		

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	230	1	11	0	99.6 ± 0.9	(100.4 - 98.7)
	1 - 2	218	4	6	0	97.7 ± 2.0	(99.7 - 95.7)
	2 - 3	208	2	10	0	96.7 ± 2.4	(99.2 - 94.3)
	3 - 4	196	3	13	0	95.2 ± 3.0	(98.2 - 92.2)
	4 - 5	180	1	17	0	94.7 ± 3.1	(97.8 - 91.5)
	5 -	162			162		
	TOTAL	230	11	57	162		

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	154	0	4	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	150	2	1	0	98.7 ± 1.9	(100.5 - 96.8)
	2 - 3	147	1	3	0	98.0 ± 2.3	(100.3 - 95.7)
	3 - 4	143	3	10	0	95.9 ± 3.3	(99.2 - 92.5)
	4 - 5	130	3	12	0	93.5 ± 4.2	(97.7 - 89.4)
	5 -	115			115		
	TOTAL	154	9	30	115		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	370	11	18	0	97.0 ± 1.8	(98.8 - 95.1)
	1 - 2	341	10	8	0	94.1 ± 2.5	(96.6 - 91.6)
	2 - 3	323	12	12	0	90.5 ± 3.1	(93.7 - 87.4)
	3 - 4	299	10	14	0	87.4 ± 3.6	(91.0 - 83.8)
	4 - 5	275	21	24	0	80.4 ± 4.4	(84.9 - 76.0)
	5 -	230			230		
	TOTAL	370	64	76	230		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	407	17	21	0	95.7 ± 2.0	(97.7 - 93.7)
	1 - 2	369	12	10	0	92.6 ± 2.7	(95.2 - 89.9)
	2 - 3	347	16	11	0	88.2 ± 3.3	(91.5 - 84.9)
	3 - 4	320	12	15	0	84.8 ± 3.7	(88.5 - 81.1)
	4 - 5	293	7	19	0	82.7 ± 3.9	(86.7 - 78.8)
	5 -	267			267		
	TOTAL	407	64	76	267		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	165	11	13	0	93.1 ± 4.0	(97.1 - 89.0)
	1 - 2	141	12	5	0	85.0 ± 5.8	(90.8 - 79.2)
	2 - 3	124	10	4	0	78.0 ± 6.8	(84.8 - 71.3)
	3 - 4	110	5	3	0	74.4 ± 7.2	(81.6 - 67.2)
	4 - 5	102	5	8	0	70.6 ± 7.6	(78.2 - 63.1)
	5 -	89			89		
	TOTAL	165	43	33	89		

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

Colon, adenocarcinoma

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

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	13	0	0	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	1	1	0	91.3 ± 16.6	(107.9 - 74.7)
	3 - 4	10	0	0	0	91.3 ± 16.6	(107.9 - 74.7)
	4 - 5	10	0	0	0	91.3 ± 16.6	(107.9 - 74.7)
	5 -	10			10		
	TOTAL	13	1	2	10		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	38	2	1	0	94.7 ± 7.3	(102.0 - 87.3)
	1 - 2	35	1	0	0	92.0 ± 8.9	(100.9 - 83.1)
	2 - 3	34	1	0	0	89.3 ± 10.2	(99.4 - 79.1)
	3 - 4	33	0	3	0	89.3 ± 10.2	(99.4 - 79.1)
	4 - 5	30	1	3	0	86.1 ± 11.6	(97.7 - 74.6)
	5 -	26			26		
	TOTAL	38	5	7	26		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	133	4	7	0	96.9 ± 3.0	(100.0 - 93.9)
	1 - 2	122	6	2	0	92.1 ± 4.8	(96.9 - 87.3)
	2 - 3	114	7	5	0	86.3 ± 6.2	(92.5 - 80.2)
	3 - 4	102	2	5	0	84.6 ± 6.5	(91.1 - 78.1)
	4 - 5	95	5	4	0	80.0 ± 7.3	(87.4 - 72.7)
	5 -	86			86		
	TOTAL	133	24	23	86		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	218	9	10	0	95.8 ± 2.8	(98.5 - 93.0)
	1 - 2	199	12	7	0	89.9 ± 4.2	(94.1 - 85.7)
	2 - 3	180	13	5	0	83.3 ± 5.2	(88.5 - 78.1)
	3 - 4	162	12	7	0	77.0 ± 6.0	(83.0 - 71.0)
	4 - 5	143	11	7	0	70.9 ± 6.5	(77.5 - 64.4)
	5 -	125			125		
	TOTAL	218	57	36	125		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	58	5	3	0	91.2 ± 7.6	(98.7 - 83.6)
	1 - 2	50	6	0	0	80.2 ± 10.7	(90.9 - 69.5)
	2 - 3	44	5	0	0	71.1 ± 12.2	(83.3 - 58.9)
	3 - 4	39	4	2	0	63.6 ± 13.0	(76.6 - 50.6)
	4 - 5	33	2	3	0	59.6 ± 13.4	(73.0 - 46.2)
	5 -	28			28		
	TOTAL	58	22	8	28		

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

Colon, adenocarcinoma

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

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

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	9	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	8	0	1	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	7	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	7	1	0	0	85.7 ± 26.5	(112.2 - 59.3)
	4 - 5	6	0	0	0	85.7 ± 26.5	(112.2 - 59.3)
	5 -	6			6		
	TOTAL	9	1	2	6		

ss/a1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	75	4	3	0	94.6 ± 5.3	(99.8 - 89.3)
	1 - 2	68	3	2	0	90.3 ± 7.0	(97.3 - 83.4)
	2 - 3	63	4	2	0	84.5 ± 8.6	(93.1 - 75.9)
	3 - 4	57	5	6	0	76.7 ± 10.3	(86.9 - 66.4)
	4 - 5	46	4	6	0	69.5 ± 11.5	(81.1 - 58.0)
	5 -	36			36		
	TOTAL	75	20	19	36		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	100	6	4	0	93.9 ± 4.8	(98.7 - 89.0)
	1 - 2	90	7	2	0	86.5 ± 7.0	(93.5 - 79.5)
	2 - 3	81	7	3	0	78.9 ± 8.4	(87.3 - 70.5)
	3 - 4	71	6	3	0	72.1 ± 9.3	(81.4 - 62.7)
	4 - 5	62	6	3	0	64.9 ± 10.1	(75.0 - 54.8)
	5 -	53			53		
	TOTAL	100	32	15	53		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	36	4	1	0	88.7 ± 10.6	(99.3 - 78.1)
	1 - 2	31	5	0	0	74.4 ± 14.7	(89.1 - 59.7)
	2 - 3	26	4	0	0	63.0 ± 16.3	(79.3 - 46.7)
	3 - 4	22	3	1	0	54.2 ± 16.9	(71.1 - 37.3)
	4 - 5	18	1	1	0	51.1 ± 17.0	(68.1 - 34.1)
	5 -	16			16		
	TOTAL	36	17	3	16		

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

Colon, adenocarcinoma

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

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

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

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	18	1	0	0	94.4 ± 10.8	(105.2 - 83.6)
	1 - 2	17	2	1	0	83.0 ± 17.9	(100.9 - 65.1)
	2 - 3	14	2	0	0	71.1 ± 21.8	(93.0 - 49.3)
	3 - 4	12	0	0	0	71.1 ± 21.8	(93.0 - 49.3)
	4 - 5	12	1	0	0	65.2 ± 23.0	(88.2 - 42.2)
	5 -	11			11		
	TOTAL	18	6	1	11		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	26	3	0	0	88.5 ± 12.5	(101.0 - 75.9)
	1 - 2	23	3	2	0	76.4 ± 16.9	(93.3 - 59.5)
	2 - 3	18	3	0	0	63.7 ± 19.4	(83.1 - 44.2)
	3 - 4	15	2	1	0	54.9 ± 20.3	(75.2 - 34.5)
	4 - 5	12	2	0	0	45.7 ± 20.7	(66.4 - 25.1)
	5 -	10			10		
	TOTAL	26	13	3	10		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	9	3	0	0	66.7 ± 31.4	(98.1 - 35.2)
	1 - 2	6	2	1	0	42.4 ± 33.9	(76.3 - 8.5)
	2 - 3	3	0	0	0	42.4 ± 33.9	(76.3 - 8.5)
	3 - 4	3	0	0	0	42.4 ± 33.9	(76.3 - 8.5)
	4 - 5	3	1	0	0	28.3 ± 32.3	(60.6 - -4.0)
	5 -	2			2		
	TOTAL	9	6	1	2		

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

Colon, adenocarcinoma

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

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

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

ss/al	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	3	0	0	62.5 ± 34.2	(96.7 - 28.3)
	1 - 2	5	1	0	0	50.0 ± 35.4	(85.4 - 14.6)
	2 - 3	4	1	0	0	37.5 ± 34.2	(71.7 - 3.3)
	3 - 4	3	0	0	0	37.5 ± 34.2	(71.7 - 3.3)
	4 - 5	3	0	0	0	37.5 ± 34.2	(71.7 - 3.3)
	5 -	3			3		
	TOTAL	8	5	0	3		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	16	4	0	0	75.0 ± 21.7	(96.7 - 53.3)
	1 - 2	12	7	0	0	31.3 ± 23.2	(54.4 - 8.1)
	2 - 3	5	3	1	0	10.4 ± 15.9	(26.3 - -5.5)
	3 - 4	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	16	15	1	0		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	14	8	0	0	42.9 ± 26.5	(69.3 - 16.4)
	1 - 2	6	2	0	0	28.6 ± 24.1	(52.7 - 4.4)
	2 - 3	4	2	0	0	14.3 ± 18.7	(33.0 - -4.4)
	3 - 4	2	1	0	0	7.1 ± 13.8	(20.9 - -6.6)
	4 - 5	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	14	14	0	0		

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

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	77	0	3	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	74	2	3	0	97.2 ± 3.8	(101.1 - 93.4)
	2 - 3	69	1	5	0	95.8 ± 4.8	(100.6 - 91.0)
	3 - 4	63	2	6	0	92.6 ± 6.4	(99.0 - 86.2)
	4 - 5	55	0	5	0	92.6 ± 6.4	(99.0 - 86.2)
	5 -	50			50		
	TOTAL	77	5	22	50		
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	145	1	5	0	99.3 ± 1.4	(100.7 - 97.9)
	1 - 2	139	3	2	0	97.1 ± 2.8	(100.0 - 94.3)
	2 - 3	134	3	3	0	94.9 ± 3.7	(98.7 - 91.2)
	3 - 4	128	0	5	0	94.9 ± 3.7	(98.7 - 91.2)
	4 - 5	123	1	3	0	94.2 ± 4.0	(98.2 - 90.1)
	5 -	119			119		
	TOTAL	145	8	18	119		
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	254	3	10	0	98.8 ± 1.4	(100.2 - 97.4)
	1 - 2	241	3	6	0	97.5 ± 2.0	(99.5 - 95.6)
	2 - 3	232	4	6	0	95.8 ± 2.6	(98.4 - 93.3)
	3 - 4	222	5	10	0	93.6 ± 3.2	(96.8 - 90.5)
	4 - 5	207	3	13	0	92.2 ± 3.5	(95.8 - 88.7)
	5 -	191			191		
	TOTAL	254	18	45	191		
ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	342	12	9	0	96.4 ± 2.0	(98.5 - 94.4)
	1 - 2	321	8	4	0	94.0 ± 2.6	(96.6 - 91.4)
	2 - 3	309	13	10	0	90.0 ± 3.3	(93.3 - 86.7)
	3 - 4	286	13	11	0	85.8 ± 3.9	(89.7 - 82.0)
	4 - 5	262	16	12	0	80.5 ± 4.5	(84.9 - 76.0)
	5 -	234			234		
	TOTAL	342	62	46	234		
s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	277	11	8	0	96.0 ± 2.4	(98.4 - 93.6)
	1 - 2	258	6	7	0	93.7 ± 3.0	(96.7 - 90.8)
	2 - 3	245	14	5	0	88.3 ± 4.0	(92.3 - 84.3)
	3 - 4	226	11	10	0	83.9 ± 4.6	(88.5 - 79.3)
	4 - 5	205	9	14	0	80.1 ± 5.0	(85.1 - 75.1)
	5 -	182			182		
	TOTAL	277	51	44	182		
si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	78	3	4	0	96.1 ± 4.5	(100.5 - 91.6)
	1 - 2	71	6	3	0	87.8 ± 7.7	(95.4 - 80.1)
	2 - 3	62	7	1	0	77.8 ± 9.8	(87.6 - 67.9)
	3 - 4	54	6	0	0	69.1 ± 11.0	(80.1 - 58.2)
	4 - 5	48	6	3	0	60.2 ± 11.7	(71.9 - 48.5)
	5 -	39			39		
	TOTAL	78	28	11	39		

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

Rectum, adenocarcinoma

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

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	10	1	0	0	90.0 ± 19.0	(109.0 - 71.0)
	1 - 2	9	1	0	0	80.0 ± 25.3	(105.3 - 54.7)
	2 - 3	8	1	0	0	70.0 ± 29.0	(99.0 - 41.0)
	3 - 4	7	0	0	0	70.0 ± 29.0	(99.0 - 41.0)
	4 - 5	7	1	1	0	59.2 ± 31.5	(90.8 - 27.7)
	5 -	5			5		
	TOTAL	10	4	1	5		

pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	56	2	2	0	96.4 ± 5.0	(101.4 - 91.3)
	1 - 2	52	2	0	0	92.7 ± 7.1	(99.7 - 85.6)
	2 - 3	50	6	0	0	81.5 ± 10.5	(92.1 - 71.0)
	3 - 4	44	1	2	0	79.6 ± 11.0	(90.6 - 68.7)
	4 - 5	41	2	3	0	75.6 ± 11.8	(87.4 - 63.8)
	5 -	36			36		
	TOTAL	56	13	7	36		

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	135	7	4	0	94.7 ± 3.9	(98.6 - 90.9)
	1 - 2	124	6	3	0	90.1 ± 5.2	(95.3 - 84.9)
	2 - 3	115	9	2	0	83.0 ± 6.6	(89.6 - 76.4)
	3 - 4	104	7	9	0	77.1 ± 7.5	(84.6 - 69.7)
	4 - 5	88	5	8	0	72.6 ± 8.1	(80.6 - 64.5)
	5 -	75			75		
	TOTAL	135	34	26	75		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	210	7	5	0	96.6 ± 2.5	(99.1 - 94.1)
	1 - 2	198	26	3	0	83.8 ± 5.2	(89.0 - 78.7)
	2 - 3	169	21	6	0	73.2 ± 6.2	(79.5 - 67.0)
	3 - 4	142	17	7	0	64.2 ± 6.8	(71.1 - 57.4)
	4 - 5	118	12	9	0	57.5 ± 7.1	(64.6 - 50.3)
	5 -	97			97		
	TOTAL	210	83	30	97		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	42	3	3	0	92.6 ± 8.2	(100.8 - 84.4)
	1 - 2	36	10	1	0	66.5 ± 15.2	(81.7 - 51.3)
	2 - 3	25	5	2	0	52.7 ± 16.3	(69.0 - 36.3)
	3 - 4	18	1	0	0	49.7 ± 16.4	(66.1 - 33.3)
	4 - 5	17	0	1	0	49.7 ± 16.4	(66.1 - 33.3)
	5 -	16			16		
	TOTAL	42	19	7	16		

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

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	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	21	2	0	0	90.5 ± 12.8	(103.3 - 77.7)
	1 - 2	19	1	0	0	85.7 ± 15.3	(101.0 - 70.4)
	2 - 3	18	4	0	0	66.7 ± 20.6	(87.2 - 46.1)
	3 - 4	14	1	0	0	61.9 ± 21.2	(83.1 - 40.7)
	4 - 5	13	0	0	0	61.9 ± 21.2	(83.1 - 40.7)
	5 -	13			13		
	TOTAL	21	8	0	13		
ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	55	5	0	0	90.9 ± 7.8	(98.7 - 83.2)
	1 - 2	50	5	0	0	81.8 ± 10.4	(92.2 - 71.4)
	2 - 3	45	5	2	0	72.5 ± 12.1	(84.6 - 60.4)
	3 - 4	38	10	1	0	53.2 ± 13.7	(66.9 - 39.5)
	4 - 5	27	3	0	0	47.3 ± 13.8	(61.1 - 33.5)
	5 -	24			24		
	TOTAL	55	28	3	24		
s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	110	13	3	0	88.0 ± 6.2	(94.3 - 81.8)
	1 - 2	94	17	1	0	72.0 ± 8.7	(80.7 - 63.3)
	2 - 3	76	18	3	0	54.6 ± 9.7	(64.3 - 44.9)
	3 - 4	55	8	4	0	46.4 ± 9.8	(56.2 - 36.5)
	4 - 5	43	6	1	0	39.8 ± 9.8	(49.6 - 30.0)
	5 -	36			36		
	TOTAL	110	62	12	36		
si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	23	4	1	0	82.2 ± 16.1	(98.3 - 66.1)
	1 - 2	18	6	1	0	54.0 ± 21.5	(75.5 - 32.6)
	2 - 3	11	3	1	0	38.6 ± 21.5	(60.1 - 17.1)
	3 - 4	7	2	1	0	26.7 ± 20.4	(47.1 - 6.3)
	4 - 5	4	0	0	0	26.7 ± 20.4	(47.1 - 6.3)
	5 -	4			4		
	TOTAL	23	15	4	4		

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

Rectum, adenocarcinoma

m	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
sm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	1 - 2	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	0	0	0	0		
pm	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	1	1	0	0	0.0 ± 0.0	(0.0 - 0.0)
	2 - 3	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	3 - 4	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	4 - 5	0	0	0	0	0.0 ± 0.0	(0.0 - 0.0)
	5 -	0			0		
	TOTAL	1	1	0	0		
ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	14	3	1	0	77.8 ± 22.6	(100.4 - 55.1)
	1 - 2	10	3	0	0	54.4 ± 27.6	(82.0 - 26.9)
	2 - 3	7	3	0	0	31.1 ± 25.7	(56.9 - 5.4)
	3 - 4	4	0	0	0	31.1 ± 25.7	(56.9 - 5.4)
	4 - 5	4	0	0	0	31.1 ± 25.7	(56.9 - 5.4)
	5 -	4			4		
	TOTAL	14	9	1	4		
s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	27	7	0	0	74.1 ± 16.9	(90.9 - 57.2)
	1 - 2	20	5	1	0	55.1 ± 19.3	(74.4 - 35.8)
	2 - 3	14	7	0	0	27.5 ± 17.6	(45.1 - 9.9)
	3 - 4	7	2	0	0	19.7 ± 15.7	(35.4 - 4.0)
	4 - 5	5	1	0	0	15.7 ± 14.4	(30.1 - 1.3)
	5 -	4			4		
	TOTAL	27	22	1	4		
si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	12	1	1	0	91.3 ± 16.6	(107.9 - 74.7)
	1 - 2	10	3	0	0	63.9 ± 28.9	(92.8 - 35.0)
	2 - 3	7	2	1	0	44.2 ± 30.6	(74.8 - 13.7)
	3 - 4	4	0	1	0	44.2 ± 30.6	(74.8 - 13.7)
	4 - 5	3	0	0	0	44.2 ± 30.6	(74.8 - 13.7)
	5 -	3			3		
	TOTAL	12	6	3	3		

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

Rectum, adenocarcinoma

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

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

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

ss/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	7	1	0	0	85.7 ± 26.5	(112.2 - 59.3)
	1 - 2	6	2	1	0	54.5 ± 39.0	(93.5 - 15.6)
	2 - 3	3	0	0	0	54.5 ± 39.0	(93.5 - 15.6)
	3 - 4	3	1	0	0	36.4 ± 39.5	(75.8 - -3.1)
	4 - 5	2	0	0	0	36.4 ± 39.5	(75.8 - -3.1)
	5 -	2			2		
	TOTAL	7	4	1	2		

s/a2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	17	5	0	0	70.6 ± 22.1	(92.7 - 48.5)
	1 - 2	12	3	0	0	52.9 ± 24.2	(77.2 - 28.7)
	2 - 3	9	2	1	0	40.5 ± 24.1	(64.6 - 16.4)
	3 - 4	6	0	0	0	40.5 ± 24.1	(64.6 - 16.4)
	4 - 5	6	1	0	0	33.7 ± 23.6	(57.3 - 10.2)
	5 -	5			5		
	TOTAL	17	11	1	5		

si/ai	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	12	3	1	0	73.9 ± 25.9	(99.8 - 48.0)
	1 - 2	8	5	0	0	27.7 ± 27.1	(54.8 - 0.6)
	2 - 3	3	1	0	0	18.5 ± 23.5	(42.0 - -5.1)
	3 - 4	2	1	0	0	9.2 ± 17.6	(26.8 - -8.3)
	4 - 5	1	0	0	0	9.2 ± 17.6	(26.8 - -8.3)
	5 -	1			1		
	TOTAL	12	10	1	1		

26-1 Clinical stage classification of JSCCR

Colon, adenocarcinoma

I	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	514	9	20	0	98.2 ± 1.2	(99.4 - 97.0)		
	1 - 2	485	9	13	0	96.4 ± 1.7	(98.0 - 94.7)		
	2 - 3	463	8	19	0	94.7 ± 2.0	(96.7 - 92.6)		
	3 - 4	436	6	31	0	93.3 ± 2.3	(95.6 - 91.0)		
	4 - 5	399	8	41	0	91.3 ± 2.6	(94.0 - 88.7)		
	5 -	350			350				
	TOTAL	514	40	124	350				
II	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	444	14	21	0	96.8 ± 1.7	(98.5 - 95.1)		
	1 - 2	409	14	7	0	93.4 ± 2.4	(95.8 - 91.0)		
	2 - 3	388	18	16	0	89.0 ± 3.1	(92.1 - 85.9)		
	3 - 4	354	10	15	0	86.4 ± 3.4	(89.8 - 83.1)		
	4 - 5	329	20	26	0	81.0 ± 4.0	(84.9 - 77.0)		
	5 -	283			283				
	TOTAL	444	76	85	283				
III	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	744	38	36	0	94.8 ± 1.7	(96.4 - 93.1)		
	1 - 2	670	36	20	0	89.6 ± 2.3	(91.9 - 87.3)		
	2 - 3	614	33	15	0	84.7 ± 2.7	(87.4 - 82.0)		
	3 - 4	566	28	26	0	80.4 ± 3.0	(83.5 - 77.4)		
	4 - 5	512	24	36	0	76.5 ± 3.3	(79.8 - 73.2)		
	5 -	452			452				
	TOTAL	744	159	133	452				
IV	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	514	34	26	0	93.2 ± 2.2	(95.5 - 91.0)		
	1 - 2	454	33	13	0	86.3 ± 3.1	(89.4 - 83.2)		
	2 - 3	408	36	13	0	78.6 ± 3.7	(82.3 - 74.9)		
	3 - 4	359	24	21	0	73.2 ± 4.1	(77.3 - 69.1)		
	4 - 5	314	22	23	0	67.9 ± 4.4	(72.2 - 63.5)		
	5 -	269			269				
	TOTAL	514	149	96	269				
V	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE		GREENWOOD'S	
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R± 2SE	5% STD ERROR		
	0 - 1	540	218	35	0	58.3 ± 4.3	(62.6 - 54.0)		
	1 - 2	287	106	8	0	36.4 ± 4.3	(40.8 - 32.1)		
	2 - 3	173	53	5	0	25.1 ± 3.9	(29.1 - 21.2)		
	3 - 4	115	24	9	0	19.7 ± 3.7	(23.3 - 16.0)		
	4 - 5	82	10	4	0	17.2 ± 3.5	(20.7 - 13.7)		
	5 -	68			68				
	TOTAL	540	411	61	68				

26-2 Clinical stage classification of JSCCR

Rectum, adenocarcinoma

I	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLOW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	491	9	18	0	98.1 ± 1.2	(99.4 - 96.9)
	1 - 2	464	9	10	0	96.2 ± 1.8	(98.0 - 94.5)
	2 - 3	445	12	15	0	93.6 ± 2.3	(95.8 - 91.3)
	3 - 4	418	8	19	0	91.7 ± 2.6	(94.3 - 89.2)
	4 - 5	391	6	23	0	90.3 ± 2.8	(93.1 - 87.5)
	5 -	362			362		
	TOTAL	491	44	85	362		
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	429	22	10	0	94.8 ± 2.2	(97.0 - 92.7)
	1 - 2	397	17	6	0	90.7 ± 2.8	(93.6 - 87.9)
	2 - 3	374	22	8	0	85.3 ± 3.5	(88.8 - 81.9)
	3 - 4	344	14	17	0	81.8 ± 3.8	(85.6 - 78.0)
	4 - 5	313	21	20	0	76.1 ± 4.3	(80.4 - 71.8)
	5 -	272			272		
	TOTAL	429	96	61	272		
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	661	29	20	0	95.5 ± 1.6	(97.2 - 93.9)
	1 - 2	612	51	12	0	87.5 ± 2.6	(90.1 - 84.9)
	2 - 3	549	61	10	0	77.7 ± 3.3	(81.0 - 74.4)
	3 - 4	478	39	17	0	71.2 ± 3.6	(74.9 - 67.6)
	4 - 5	422	28	25	0	66.4 ± 3.8	(70.2 - 62.5)
	5 -	369			369		
	TOTAL	661	208	84	369		
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	320	29	11	0	90.8 ± 3.3	(94.0 - 87.5)
	1 - 2	280	35	7	0	79.3 ± 4.6	(83.9 - 74.7)
	2 - 3	238	31	15	0	68.6 ± 5.4	(74.0 - 63.3)
	3 - 4	192	22	15	0	60.4 ± 5.7	(66.2 - 54.7)
	4 - 5	155	9	7	0	56.9 ± 5.9	(62.7 - 51.0)
	5 -	139			139		
	TOTAL	320	126	55	139		
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	276	94	10	0	65.3 ± 5.8	(71.1 - 59.5)
	1 - 2	172	78	5	0	35.3 ± 5.9	(41.2 - 29.4)
	2 - 3	89	34	3	0	21.6 ± 5.1	(26.7 - 16.4)
	3 - 4	52	15	0	0	15.3 ± 4.6	(19.9 - 10.8)
	4 - 5	37	6	0	0	12.9 ± 4.2	(17.1 - 8.6)
	5 -	31			31		
	TOTAL	276	227	18	31		

26-3 Histological stage classification of JSCCR

Colon, adenocarcinoma

I	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	570	7	31	0	98.7 ± 0.9	(99.7 - 97.8)
	1 - 2	532	7	14	0	97.4 ± 1.4	(98.8 - 96.1)
	2 - 3	511	7	22	0	96.1 ± 1.7	(97.7 - 94.4)
	3 - 4	482	7	33	0	94.6 ± 2.0	(96.6 - 92.6)
	4 - 5	442	6	46	0	93.3 ± 2.2	(95.5 - 91.0)
	5 -	390			390		
	TOTAL	570	34	146	390		
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	879	33	65	0	96.1 ± 1.3	(97.4 - 94.8)
	1 - 2	781	27	19	0	92.7 ± 1.8	(94.5 - 90.9)
	2 - 3	735	37	21	0	88.0 ± 2.3	(90.3 - 85.7)
	3 - 4	677	21	36	0	85.2 ± 2.5	(87.7 - 82.7)
	4 - 5	620	34	51	0	80.3 ± 2.9	(83.2 - 77.4)
	5 -	535			535		
	TOTAL	879	152	192	535		
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	555	26	32	0	95.2 ± 1.8	(97.0 - 93.3)
	1 - 2	497	34	13	0	88.6 ± 2.8	(91.4 - 85.8)
	2 - 3	450	31	14	0	82.4 ± 3.4	(85.7 - 79.0)
	3 - 4	405	23	19	0	77.6 ± 3.7	(81.3 - 73.9)
	4 - 5	363	20	21	0	73.2 ± 4.0	(77.2 - 69.2)
	5 -	322			322		
	TOTAL	555	134	99	322		
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	291	21	12	0	92.6 ± 3.1	(95.7 - 89.5)
	1 - 2	258	23	12	0	84.2 ± 4.4	(88.6 - 79.8)
	2 - 3	223	21	7	0	76.1 ± 5.2	(81.3 - 70.9)
	3 - 4	195	17	11	0	69.3 ± 5.7	(75.0 - 63.6)
	4 - 5	167	15	12	0	62.8 ± 6.1	(68.9 - 56.8)
	5 -	140			140		
	TOTAL	291	97	54	140		
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	509	203	33	0	58.8 ± 4.4	(63.2 - 54.3)
	1 - 2	273	100	9	0	36.9 ± 4.4	(41.3 - 32.4)
	2 - 3	164	58	5	0	23.6 ± 4.0	(27.6 - 19.7)
	3 - 4	101	24	8	0	17.8 ± 3.6	(21.4 - 14.1)
	4 - 5	69	7	4	0	15.9 ± 3.5	(19.5 - 12.4)
	5 -	58			58		
	TOTAL	509	392	59	58		

26-4 Histological stage classification of JSCCR

Rectum, 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	476	4	18	0	99.1 ± 0.9	(100.0 - 98.3)
	1 - 2	454	8	11	0	97.4 ± 1.5	(98.9 - 95.9)
	2 - 3	435	8	14	0	95.6 ± 1.9	(97.5 - 93.6)
	3 - 4	413	7	21	0	93.9 ± 2.3	(96.2 - 91.6)
	4 - 5	385	4	21	0	92.9 ± 2.5	(95.4 - 90.4)
	5 -	360			360		
	TOTAL	476	31	85	360		
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	622	23	17	0	96.3 ± 1.5	(97.8 - 94.7)
	1 - 2	582	14	11	0	93.9 ± 1.9	(95.9 - 92.0)
	2 - 3	557	27	15	0	89.3 ± 2.5	(91.8 - 86.8)
	3 - 4	515	24	21	0	85.1 ± 2.9	(88.0 - 82.1)
	4 - 5	470	25	26	0	80.4 ± 3.3	(83.7 - 77.1)
	5 -	419			419		
	TOTAL	622	113	90	419		
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	535	24	18	0	95.4 ± 1.8	(97.3 - 93.6)
	1 - 2	493	51	10	0	85.5 ± 3.1	(88.6 - 82.4)
	2 - 3	432	49	11	0	75.6 ± 3.8	(79.5 - 71.8)
	3 - 4	372	32	18	0	69.0 ± 4.1	(73.1 - 64.8)
	4 - 5	322	26	25	0	63.2 ± 4.4	(67.6 - 58.8)
	5 -	271			271		
	TOTAL	535	182	82	271		
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	264	35	6	0	86.6 ± 4.2	(90.8 - 82.4)
	1 - 2	223	41	3	0	70.6 ± 5.7	(76.2 - 64.9)
	2 - 3	179	42	7	0	53.7 ± 6.3	(59.9 - 47.4)
	3 - 4	130	23	7	0	43.9 ± 6.3	(50.2 - 37.6)
	4 - 5	100	10	1	0	39.5 ± 6.3	(45.8 - 33.2)
	5 -	89			89		
	TOTAL	264	151	24	89		
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	278	88	8	0	67.9 ± 5.6	(73.5 - 62.2)
	1 - 2	182	80	7	0	37.5 ± 5.9	(43.4 - 31.5)
	2 - 3	95	35	4	0	23.4 ± 5.3	(28.6 - 18.1)
	3 - 4	56	14	0	0	17.5 ± 4.8	(22.3 - 12.7)
	4 - 5	42	6	0	0	15.0 ± 4.5	(19.5 - 10.5)
	5 -	36			36		
	TOTAL	278	223	19	36		

27-1 Curative resection by Dukes classification

Colon, adenocarcinoma

Dukes A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	567	7	31	0	98.7 ± 1.0	(99.7 - 97.8)
1 - 2	529	7	14	0	97.4 ± 1.4	(98.8 - 96.0)
2 - 3	508	7	22	0	96.0 ± 1.7	(97.7 - 94.3)
3 - 4	479	7	32	0	94.6 ± 2.0	(96.6 - 92.6)
4 - 5	440	6	46	0	93.2 ± 2.3	(95.5 - 91.0)
5 -	388			388		
TOTAL	567	34	145	388		

Dukes B

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	911	35	67	0	96.0 ± 1.3	(97.3 - 94.7)
1 - 2	809	27	21	0	92.8 ± 1.8	(94.5 - 91.0)
2 - 3	761	36	21	0	88.3 ± 2.2	(90.5 - 86.1)
3 - 4	704	24	36	0	85.2 ± 2.5	(87.7 - 82.7)
4 - 5	644	34	53	0	80.5 ± 2.8	(83.3 - 77.7)
5 -	557			557		
TOTAL	911	156	198	557		

Dukes C

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	725	32	35	0	95.5 ± 1.6	(97.0 - 93.9)
1 - 2	658	44	21	0	89.0 ± 2.4	(91.4 - 86.6)
2 - 3	593	46	19	0	82.0 ± 3.0	(84.9 - 79.0)
3 - 4	528	34	29	0	76.5 ± 3.3	(79.8 - 73.2)
4 - 5	465	34	27	0	70.8 ± 3.6	(74.4 - 67.2)
5 -	404			404		
TOTAL	725	190	131	404		

27-2 Non-curative resection by Dukes classification

Colon, adenocarcinoma

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

Dukes B	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	157	30	14	0	80.0 ± 6.5	(86.5 - 73.5)
	1 - 2	113	29	3	0	59.2 ± 8.2	(67.4 - 51.0)
	2 - 3	81	18	4	0	45.7 ± 8.5	(54.2 - 37.3)
	3 - 4	59	7	4	0	40.1 ± 8.4	(48.5 - 31.7)
	4 - 5	48	2	2	0	38.4 ± 8.4	(46.8 - 30.0)
	5 -	44			44		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	157	86	27	44		

Dukes C	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	457	193	30	0	56.3 ± 4.7	(61.1 - 51.6)
	1 - 2	234	94	8	0	33.3 ± 4.6	(37.9 - 28.7)
	2 - 3	132	46	3	0	21.6 ± 4.1	(25.6 - 17.5)
	3 - 4	83	20	4	0	16.2 ± 3.7	(19.9 - 12.5)
	4 - 5	59	6	5	0	14.5 ± 3.6	(18.1 - 11.0)
	5 -	48			48		
	-----	-----	-----	-----	-----	-----	-----
	TOTAL	457	359	50	48		

27-3 Curative resection by Dukes classification

Rectum, adenocarcinoma

Dukes A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	571	9	19	0	98.4 ± 1.1	(99.5 - 97.3)
1 - 2	543	8	13	0	96.9 ± 1.5	(98.4 - 95.5)
2 - 3	522	11	15	0	94.9 ± 1.9	(96.8 - 93.0)
3 - 4	496	10	22	0	92.9 ± 2.2	(95.1 - 90.7)
4 - 5	464	5	26	0	91.9 ± 2.4	(94.3 - 89.5)
5 -	433			433		
TOTAL	571	43	95	433		

Dukes B

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	604	21	25	0	96.4 ± 1.5	(98.0 - 94.9)
1 - 2	558	16	13	0	93.7 ± 2.0	(95.7 - 91.6)
2 - 3	529	30	14	0	88.3 ± 2.7	(91.0 - 85.6)
3 - 4	485	27	19	0	83.3 ± 3.2	(86.4 - 80.1)
4 - 5	439	29	24	0	77.6 ± 3.6	(81.2 - 74.0)
5 -	386			386		
TOTAL	604	123	95	386		

Dukes C

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	672	39	21	0	94.1 ± 1.8	(95.9 - 92.3)
1 - 2	612	69	9	0	83.4 ± 2.9	(86.3 - 80.5)
2 - 3	534	75	18	0	71.5 ± 3.6	(75.1 - 67.9)
3 - 4	441	48	23	0	63.5 ± 3.8	(67.4 - 59.7)
4 - 5	370	29	27	0	58.3 ± 4.0	(62.3 - 54.4)
5 -	314			314		
TOTAL	672	260	98	314		

27-4 Non-curative resection by Dukes classification

Rectum, adenocarcinoma

Dukes A

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	6	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
1 - 2	6	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
2 - 3	5	1	0	0	80.0 ± 35.8	(115.8 - 44.2)
3 - 4	4	0	0	0	80.0 ± 35.8	(115.8 - 44.2)
4 - 5	4	2	0	0	40.0 ± 43.8	(83.8 - -3.8)
5 -	2			2		
TOTAL	6	3	1	2		

Dukes B

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	72	10	4	0	85.7 ± 8.4	(94.1 - 77.3)
1 - 2	58	19	2	0	57.1 ± 12.1	(69.2 - 45.1)
2 - 3	37	6	2	0	47.6 ± 12.3	(59.9 - 35.3)
3 - 4	29	3	1	0	42.6 ± 12.3	(54.9 - 30.3)
4 - 5	25	3	0	0	37.5 ± 12.2	(49.7 - 25.3)
5 -	22			22		
TOTAL	72	41	9	22		

Dukes C

YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
0 - 1	305	100	9	0	66.7 ± 5.4	(72.2 - 61.3)
1 - 2	196	84	7	0	37.6 ± 5.7	(43.3 - 31.9)
2 - 3	105	37	4	0	24.1 ± 5.1	(29.2 - 19.0)
3 - 4	64	13	3	0	19.1 ± 4.7	(23.8 - 14.4)
4 - 5	48	6	1	0	16.7 ± 4.5	(21.2 - 12.2)
5 -	41			41		
TOTAL	305	240	24	41		

28-1 Curative resection by Astler-Coller classification

Colon, adenocarcinoma

A	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	403	5	25	0	98.7 ± 1.1	(99.9 - 97.6)
	1 - 2	373	5	10	0	97.4 ± 1.6	(99.0 - 95.7)
	2 - 3	358	7	18	0	95.4 ± 2.2	(97.6 - 93.3)
	3 - 4	333	4	23	0	94.2 ± 2.4	(96.7 - 91.8)
	4 - 5	306	4	37	0	92.9 ± 2.7	(95.7 - 90.2)
	5 -	265			265		
	TOTAL	403	25	113	265		
B1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	164	2	6	0	98.8 ± 1.7	(100.5 - 97.0)
	1 - 2	156	2	4	0	97.5 ± 2.5	(100.0 - 95.0)
	2 - 3	150	0	4	0	97.5 ± 2.5	(100.0 - 95.0)
	3 - 4	146	3	9	0	95.4 ± 3.4	(98.8 - 92.0)
	4 - 5	134	2	9	0	93.9 ± 3.9	(97.9 - 90.0)
	5 -	123			123		
	TOTAL	164	9	32	123		
B2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	911	35	67	0	96.0 ± 1.3	(97.3 - 94.7)
	1 - 2	809	27	21	0	92.8 ± 1.8	(94.5 - 91.0)
	2 - 3	761	36	21	0	88.3 ± 2.2	(90.5 - 86.1)
	3 - 4	704	24	36	0	85.2 ± 2.5	(87.7 - 82.7)
	4 - 5	644	34	53	0	80.5 ± 2.8	(83.3 - 77.7)
	5 -	557			557		
	TOTAL	911	156	198	557		
C1	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	77	1	3	0	98.7 ± 2.6	(101.3 - 96.0)
	1 - 2	73	2	2	0	95.9 ± 4.6	(100.5 - 91.3)
	2 - 3	69	3	4	0	91.6 ± 6.5	(98.2 - 85.1)
	3 - 4	62	2	3	0	88.6 ± 7.6	(96.2 - 81.0)
	4 - 5	57	0	6	0	88.6 ± 7.6	(96.2 - 81.0)
	5 -	51			51		
	TOTAL	77	8	18	51		
C2	YEAR OF	ALIVE AT	DIED IN	LOST TO	WITHDRAWN	CUMULATIVE	GREENWOOD'S
	OBSERVAT	BEGINNING	INTERVAL	FOLLW-UP	IN ALIVE	SURV.R ± 2SE	5% STD ERROR
	0 - 1	648	31	32	0	95.1 ± 1.7	(96.8 - 93.4)
	1 - 2	585	42	19	0	88.2 ± 2.6	(90.8 - 85.5)
	2 - 3	524	43	15	0	80.8 ± 3.2	(84.0 - 77.6)
	3 - 4	466	32	26	0	75.1 ± 3.6	(78.7 - 71.5)
	4 - 5	408	34	21	0	68.7 ± 3.9	(72.6 - 64.8)
	5 -	353			353		
	TOTAL	648	182	113	353		

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

Colon, adenocarcinoma

A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	1	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	3 - 4	1	0	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		
B1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	1 - 2	2	0	0	0	100.0 ± 0.0	(100.0 -100.0)
	2 - 3	2	1	0	0	50.0 ± 70.7	(120.7 --20.7)
	3 - 4	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
	4 - 5	1	0	0	0	50.0 ± 70.7	(120.7 --20.7)
	5 -	1			1		
	TOTAL	2	1	0	1		
B2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	157	30	14	0	80.0 ± 6.5	(86.5 - 73.5)
	1 - 2	113	29	3	0	59.2 ± 8.2	(67.4 - 51.0)
	2 - 3	81	18	4	0	45.7 ± 8.5	(54.2 - 37.3)
	3 - 4	59	7	4	0	40.1 ± 8.4	(48.5 - 31.7)
	4 - 5	48	2	2	0	38.4 ± 8.4	(46.8 - 30.0)
	5 -	44			44		
	TOTAL	157	86	27	44		
C1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	8	4	0	0	50.0 ± 35.4	(85.4 - 14.6)
	1 - 2	4	2	0	0	25.0 ± 30.6	(55.6 - -5.6)
	2 - 3	2	0	0	0	25.0 ± 30.6	(55.6 - -5.6)
	3 - 4	2	1	0	0	12.5 ± 23.4	(35.9 --10.9)
	4 - 5	1	0	0	0	12.5 ± 23.4	(35.9 --10.9)
	5 -	1			1		
	TOTAL	8	7	0	1		
C2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	449	189	30	0	56.5 ± 4.8	(61.2 - 51.7)
	1 - 2	230	92	8	0	33.5 ± 4.6	(38.1 - 28.8)
	2 - 3	130	46	3	0	21.5 ± 4.1	(25.6 - 17.4)
	3 - 4	81	19	4	0	16.3 ± 3.7	(20.1 - 12.6)
	4 - 5	58	6	5	0	14.6 ± 3.6	(18.2 - 11.0)
	5 -	47			47		
	TOTAL	449	352	50	47		

28-3 Curative resection by Astler-Coller classification

Rectum, adenocarcinoma

A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	267	2	9	0	99.2 ± 1.1	(100.3 - 98.2)
	1 - 2	256	5	7	0	97.3 ± 2.0	(99.3 - 95.2)
	2 - 3	244	4	8	0	95.7 ± 2.6	(98.2 - 93.1)
	3 - 4	232	3	16	0	94.4 ± 2.9	(97.3 - 91.4)
	4 - 5	213	1	12	0	93.9 ± 3.1	(97.0 - 90.9)
	5 -	200			200		
	TOTAL	267	15	52	200		

B1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	304	7	10	0	97.7 ± 1.7	(99.4 - 95.9)
	1 - 2	287	3	6	0	96.6 ± 2.1	(98.7 - 94.5)
	2 - 3	278	7	7	0	94.2 ± 2.7	(96.9 - 91.4)
	3 - 4	264	7	6	0	91.6 ± 3.3	(94.9 - 88.4)
	4 - 5	251	4	14	0	90.1 ± 3.5	(93.7 - 86.6)
	5 -	233			233		
	TOTAL	304	28	43	233		

B2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	604	21	25	0	96.4 ± 1.5	(98.0 - 94.9)
	1 - 2	558	16	13	0	93.7 ± 2.0	(95.7 - 91.6)
	2 - 3	529	30	14	0	88.3 ± 2.7	(91.0 - 85.6)
	3 - 4	485	27	19	0	83.3 ± 3.2	(86.4 - 80.1)
	4 - 5	439	29	24	0	77.6 ± 3.6	(81.2 - 74.0)
	5 -	386			386		
	TOTAL	604	123	95	386		

C1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	107	5	4	0	95.2 ± 4.2	(99.4 - 91.1)
	1 - 2	98	5	0	0	90.4 ± 5.8	(96.2 - 84.6)
	2 - 3	93	11	1	0	79.6 ± 7.9	(87.6 - 71.7)
	3 - 4	81	5	3	0	74.6 ± 8.6	(83.2 - 66.0)
	4 - 5	73	7	6	0	67.2 ± 9.4	(76.6 - 57.7)
	5 -	60			60		
	TOTAL	107	33	14	60		

C2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R± 2SE	GREENWOOD'S 5% STD ERROR
	0 - 1	565	34	17	0	93.9 ± 2.0	(95.9 - 91.9)
	1 - 2	514	64	9	0	82.1 ± 3.3	(85.4 - 78.8)
	2 - 3	441	64	17	0	69.9 ± 4.0	(73.9 - 66.0)
	3 - 4	360	43	20	0	61.4 ± 4.3	(65.6 - 57.1)
	4 - 5	297	22	21	0	56.6 ± 4.4	(61.0 - 52.3)
	5 -	254			254		
	TOTAL	565	227	84	254		

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

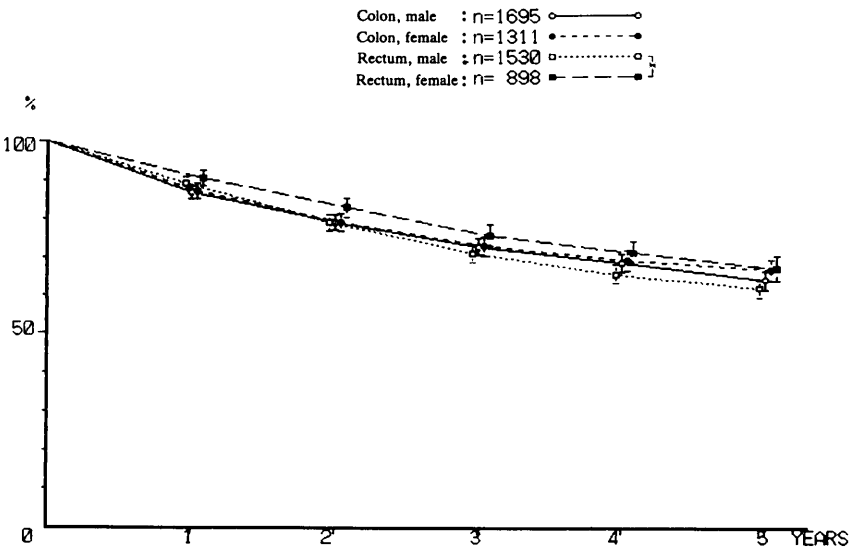
Rectum, adenocarcinoma

A	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	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		
B1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	5	0	0	0	100.0 ± 0.0	(100.0 - 100.0)
	1 - 2	5	0	1	0	100.0 ± 0.0	(100.0 - 100.0)
	2 - 3	4	1	0	0	75.0 ± 43.3	(118.3 - 31.7)
	3 - 4	3	0	0	0	75.0 ± 43.3	(118.3 - 31.7)
	4 - 5	3	1	0	0	50.0 ± 50.0	(100.0 - 0.0)
	5 -	2			2		
	TOTAL	5	2	1	2		
B2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	72	10	4	0	85.7 ± 8.4	(94.1 - 77.3)
	1 - 2	58	19	2	0	57.1 ± 12.1	(69.2 - 45.1)
	2 - 3	37	6	2	0	47.6 ± 12.3	(59.9 - 35.3)
	3 - 4	29	3	1	0	42.6 ± 12.3	(54.9 - 30.3)
	4 - 5	25	3	0	0	37.5 ± 12.2	(49.7 - 25.3)
	5 -	22			22		
	TOTAL	72	41	9	22		
C1	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	15	3	0	0	80.0 ± 20.7	(100.7 - 59.3)
	1 - 2	12	5	0	0	46.7 ± 25.8	(72.4 - 20.9)
	2 - 3	7	1	0	0	40.0 ± 25.3	(65.3 - 14.7)
	3 - 4	6	2	1	0	25.5 ± 23.0	(48.4 - 2.5)
	4 - 5	3	0	0	0	25.5 ± 23.0	(48.4 - 2.5)
	5 -	3			3		
	TOTAL	15	11	1	3		
C2	YEAR OF OBSERVAT	ALIVE AT BEGINNING	DIED IN INTERVAL	LOST TO FOLLOW-UP	WITHDRAWN IN ALIVE	CUMULATIVE SURV.R ± 2SE	GREENWOOD'S 5% STD ERROR
	=====	=====	=====	=====	=====	=====	=====
	0 - 1	290	97	9	0	66.0 ± 5.6	(71.6 - 60.4)
	1 - 2	184	79	7	0	37.1 ± 5.8	(42.9 - 31.3)
	2 - 3	98	36	4	0	23.2 ± 5.2	(28.4 - 18.0)
	3 - 4	58	11	2	0	18.7 ± 4.8	(23.5 - 13.9)
	4 - 5	45	6	1	0	16.2 ± 4.6	(20.8 - 11.6)
	5 -	38			38		
	TOTAL	290	229	23	38		

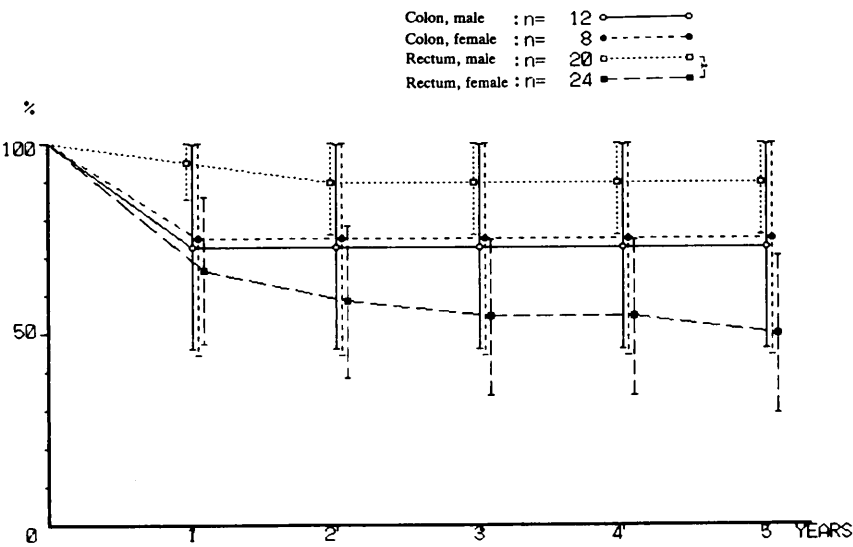
Appendix

Figures of life tables

15-1. Sex.
Adenocarcinoma.

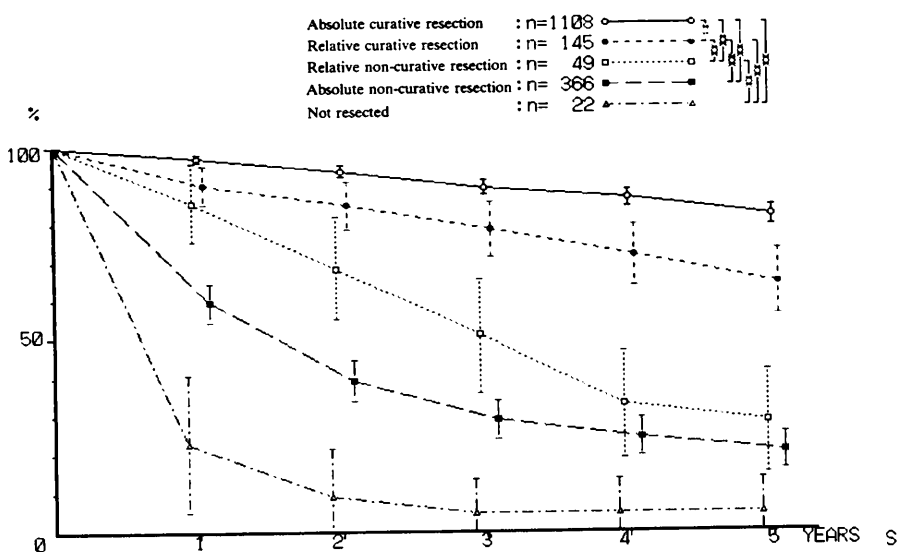


15-2. Sex.
Malignant neoplasms
other than
adenocarcinoma.

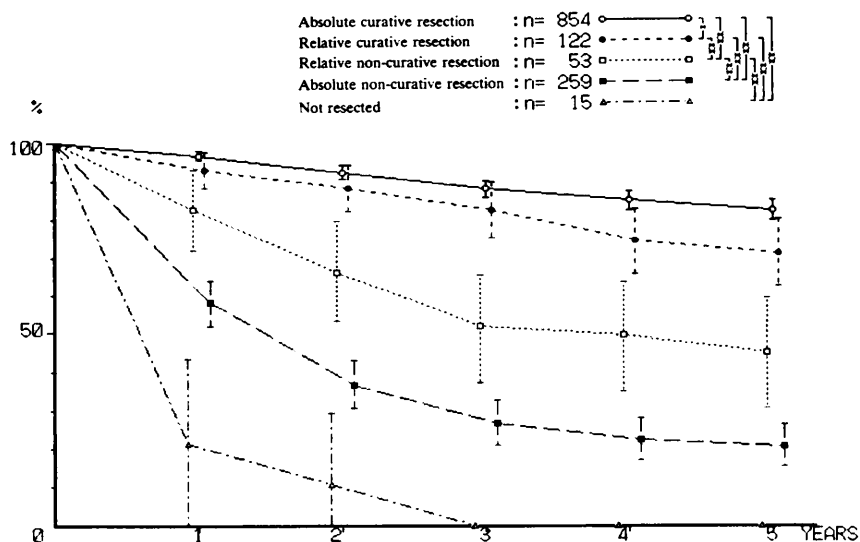


SURVIVAL RATE
* P=0.01 * P=0.05

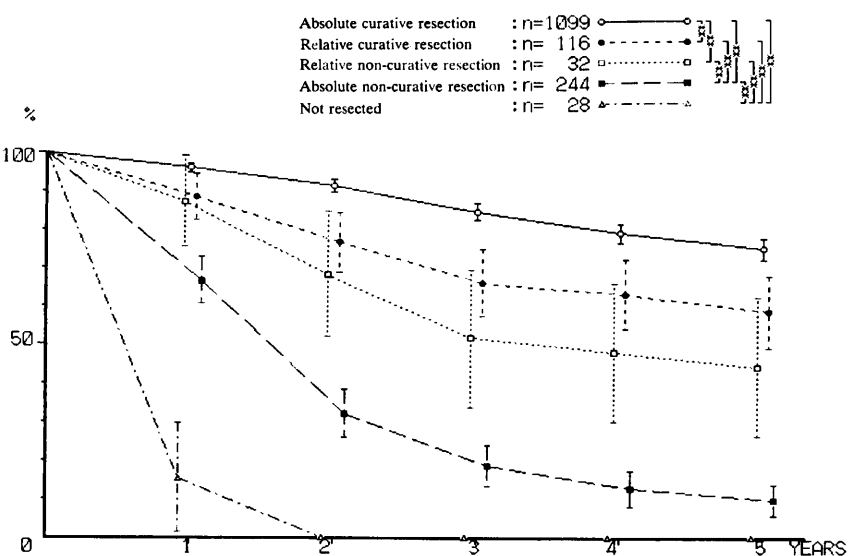
16-1 Macroscopic operative curability.
Colon, Male.



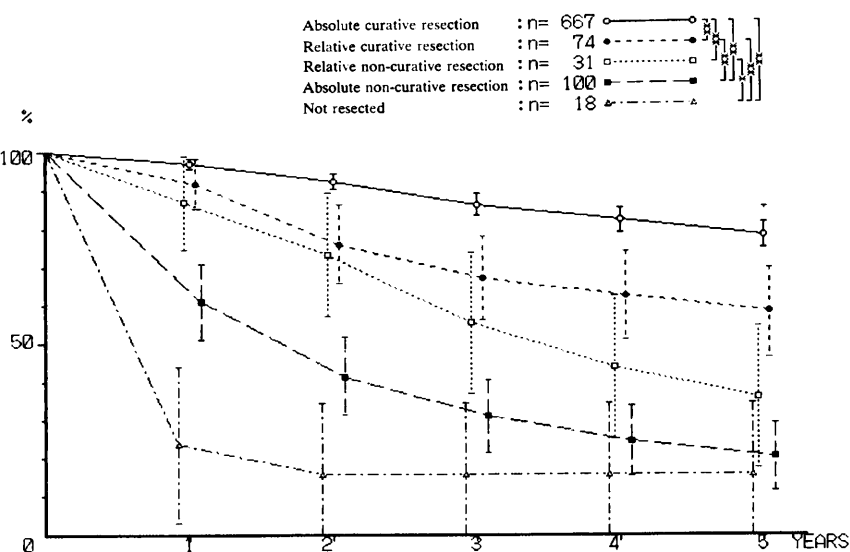
16-2 Macroscopic operative curability.
Colon, Female.



16-3 Macroscopic operative curability.
Rectum, Male.

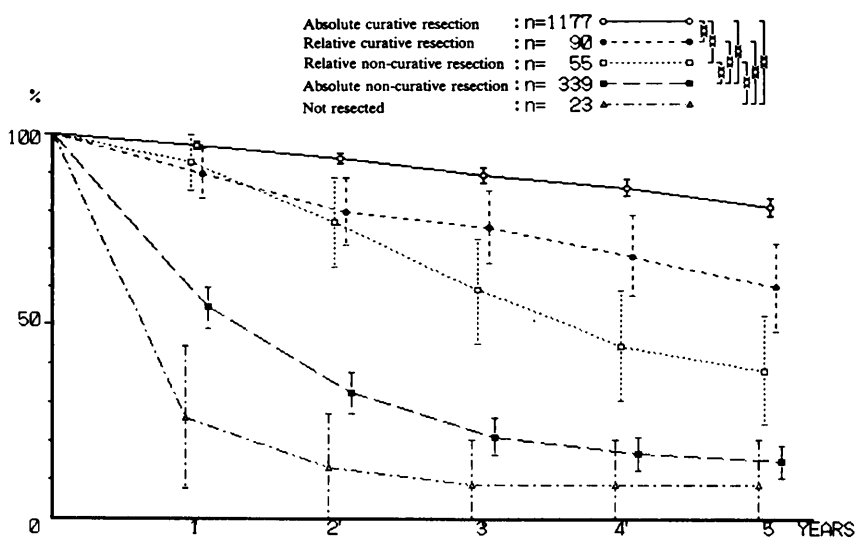


16-4 Macroscopic operative curability.
Rectum, Female.

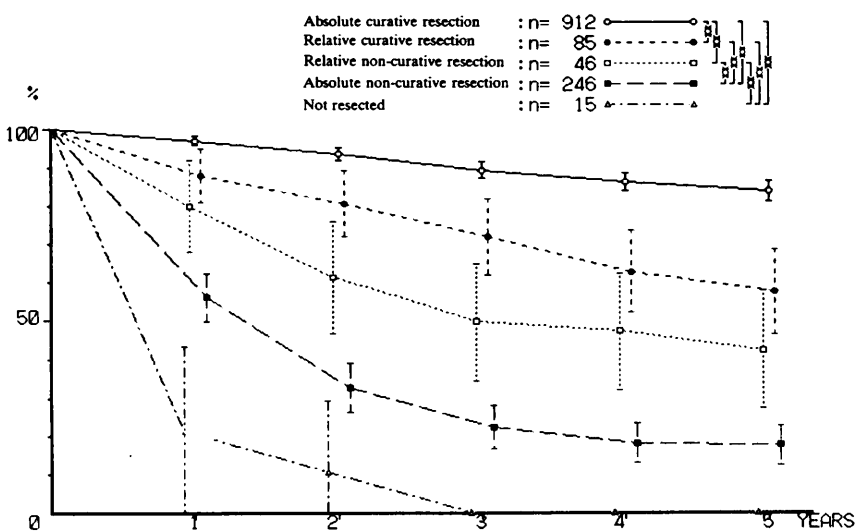


* P=0.01 * P=0.05

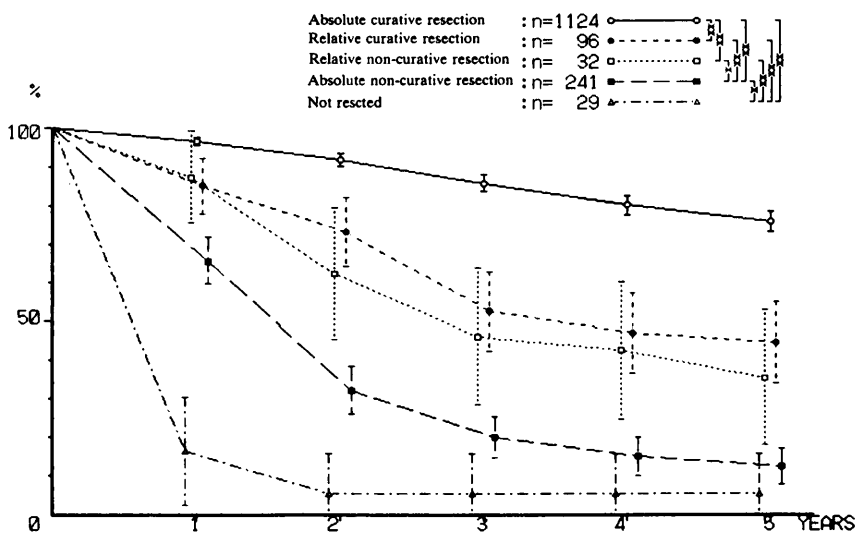
16-5 Histological operative curability.
Colon, Male.



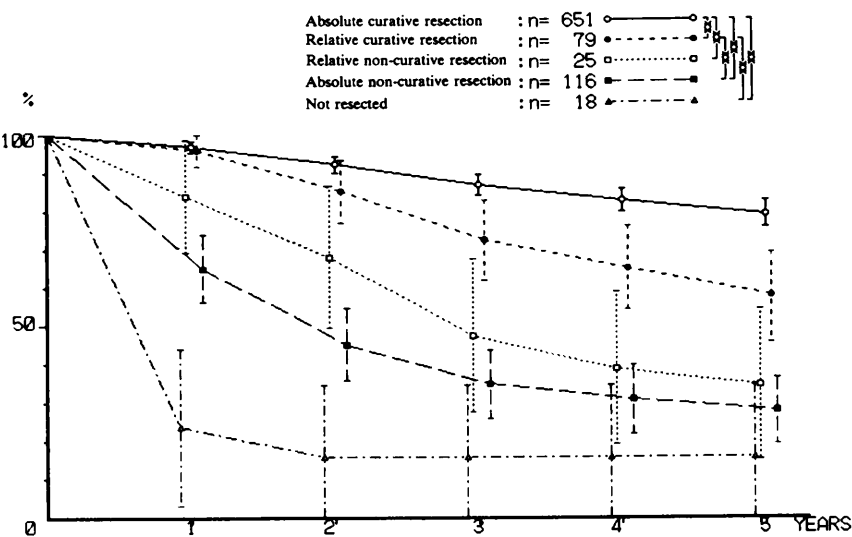
16-6 Histological operative curability.
Colon, Female.



16-7 Histological operative curability.
Rectum, Male.

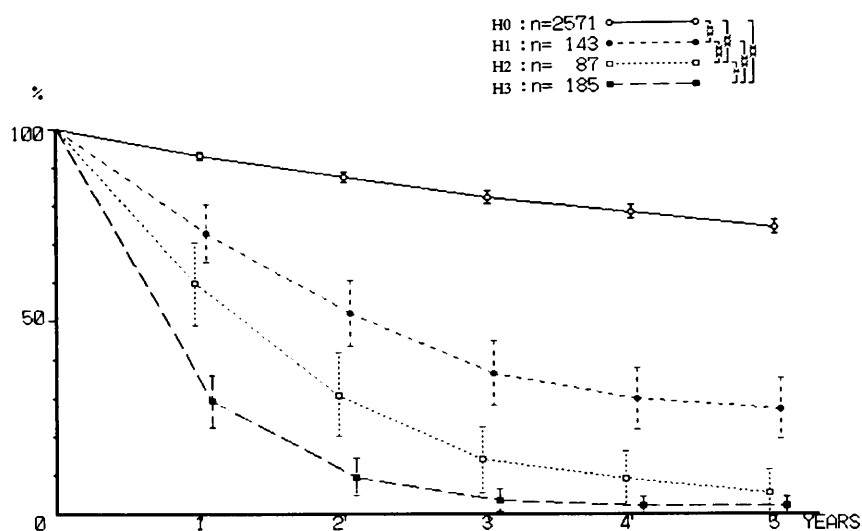


16-8 Histological operative curability.
Rectum, Female.

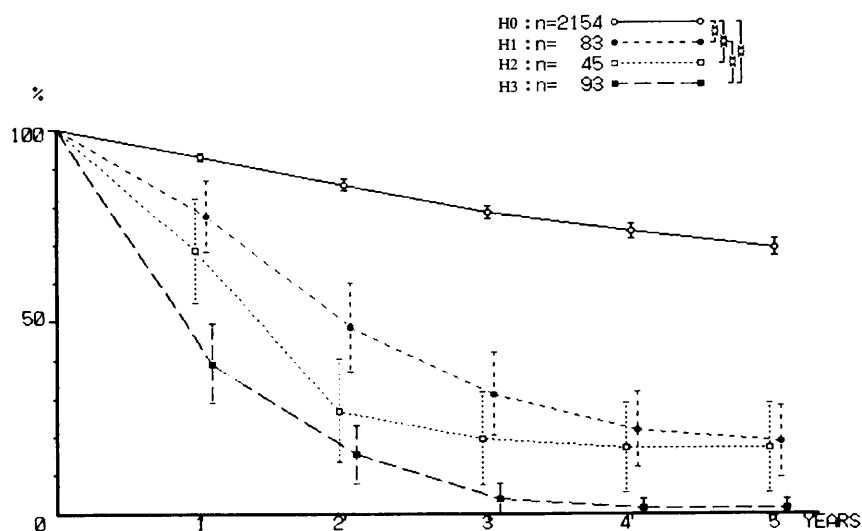


* P=0.01 * P=0.05

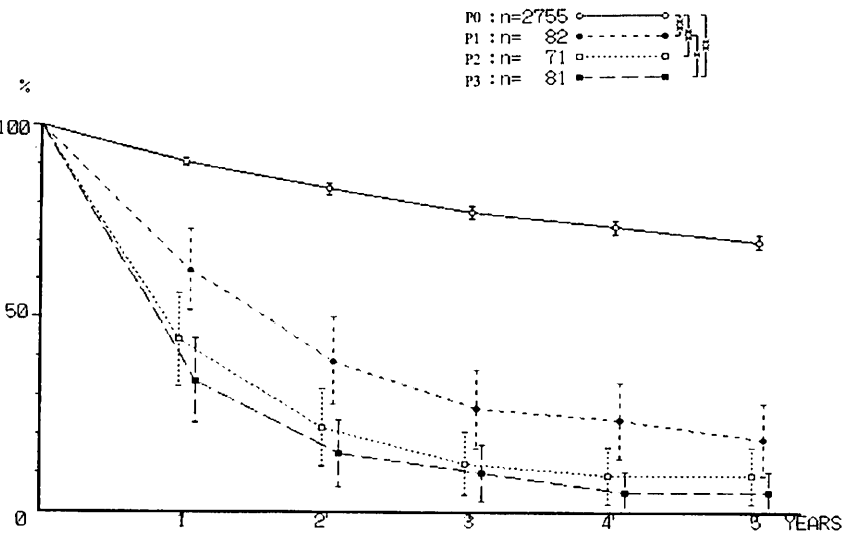
17-1 Hepatic metastasis.
Colon.



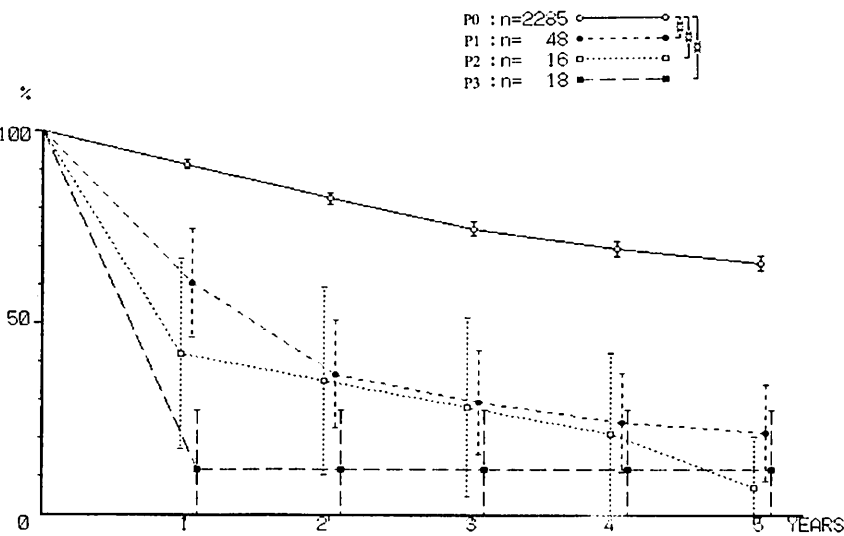
17-2 Hepatic metastasis.
Rectum.



18-1 Peritoneal disseminating metastasis.
Colon.

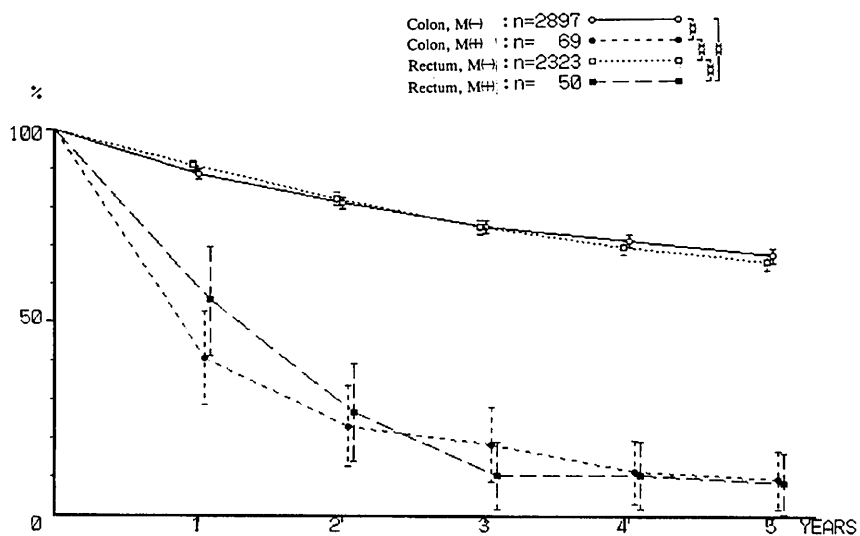


18-2 Peritoneal disseminating metastasis.
Rectum.

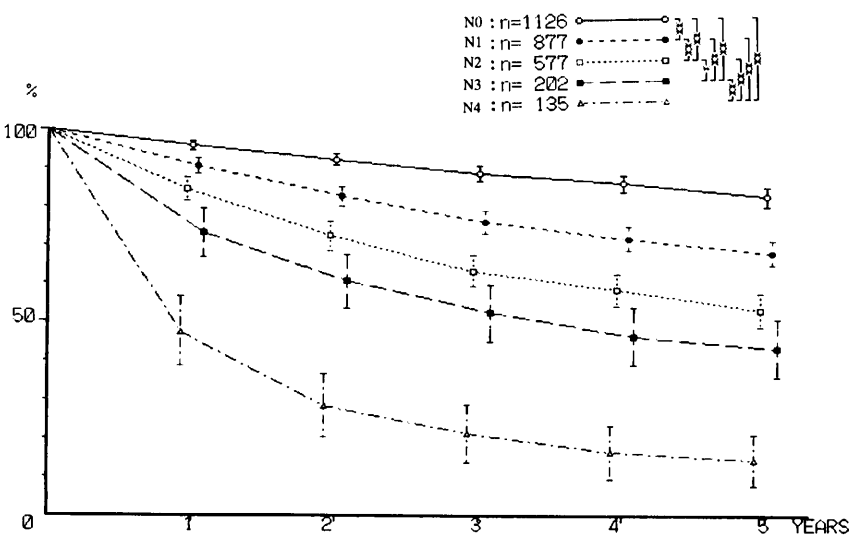


‡ P=0.01 * P=0.05

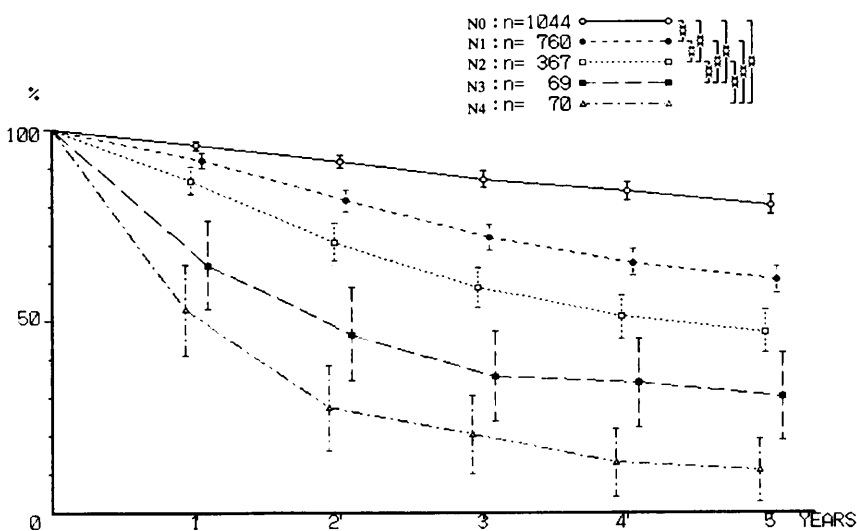
19-1, 2 Metastasis to remote organ.



20-1 Macroscopic lymph node metastasis.
Colon.

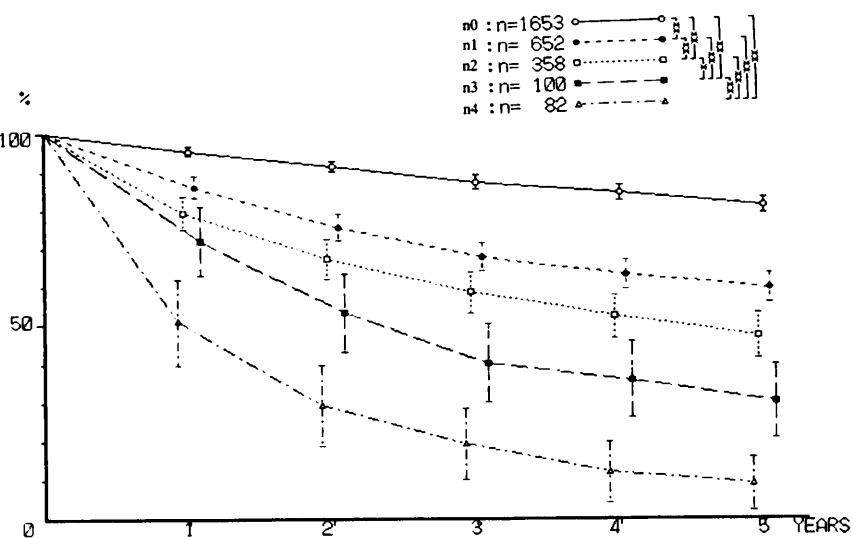


20-2 Macroscopic lymph node metastasis.
Rectum.

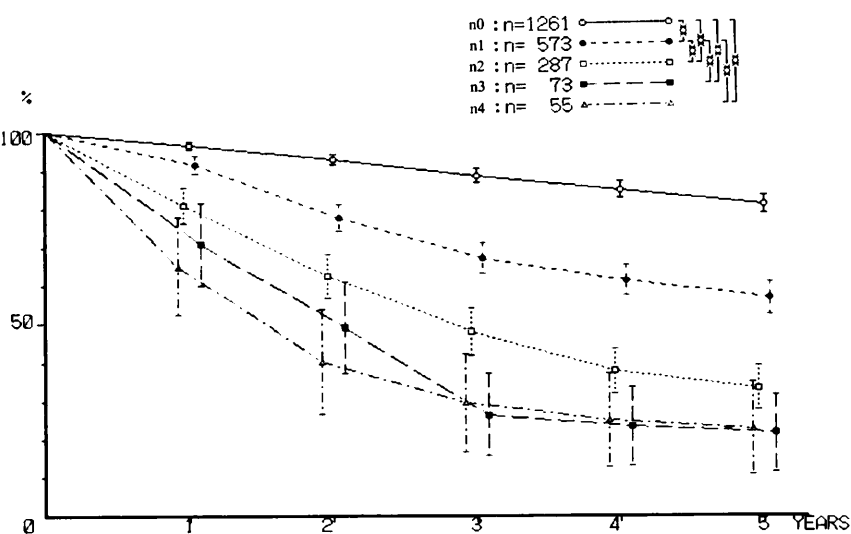


* P=0.01 ** P=0.05

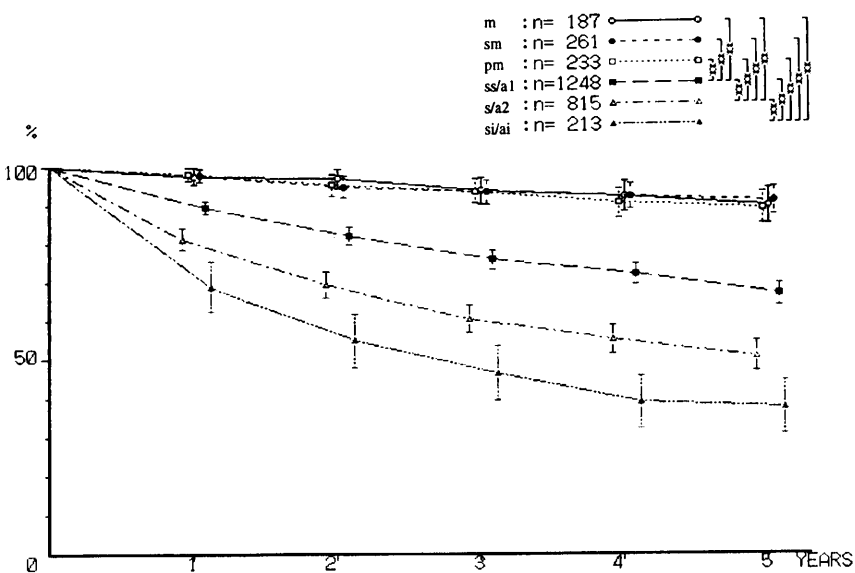
20-3 Histological lymph node
metastasis.
Colon.



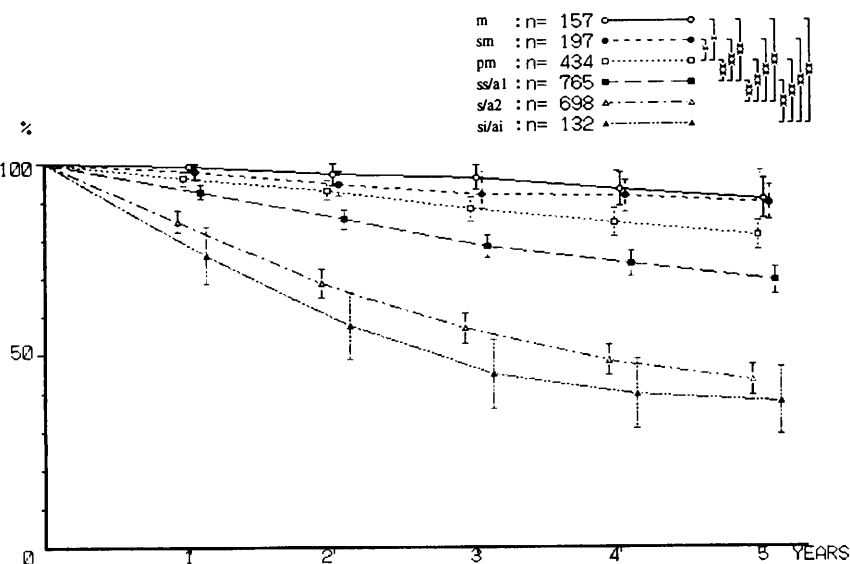
20-4 Histological lymph node
metastasis.
Rectum.



21-1 Histological depth of invasion.
Colon.

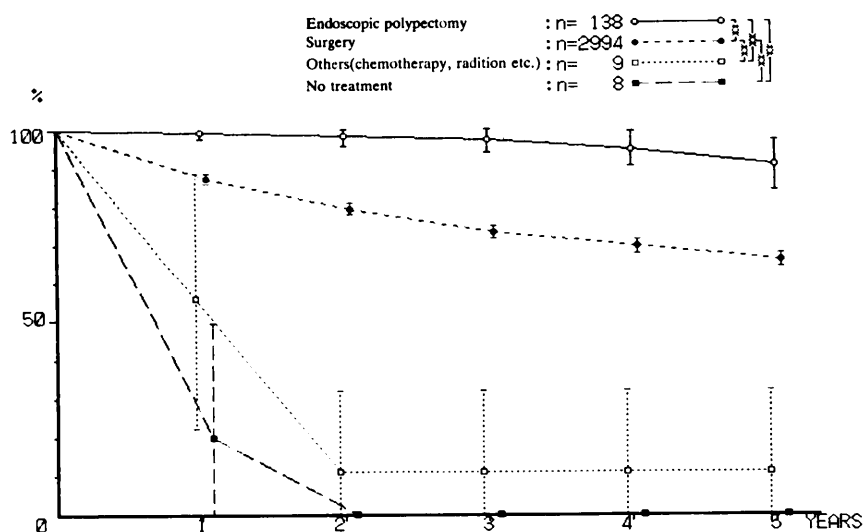


21-2 Histological depth of invasion.
Rectum.

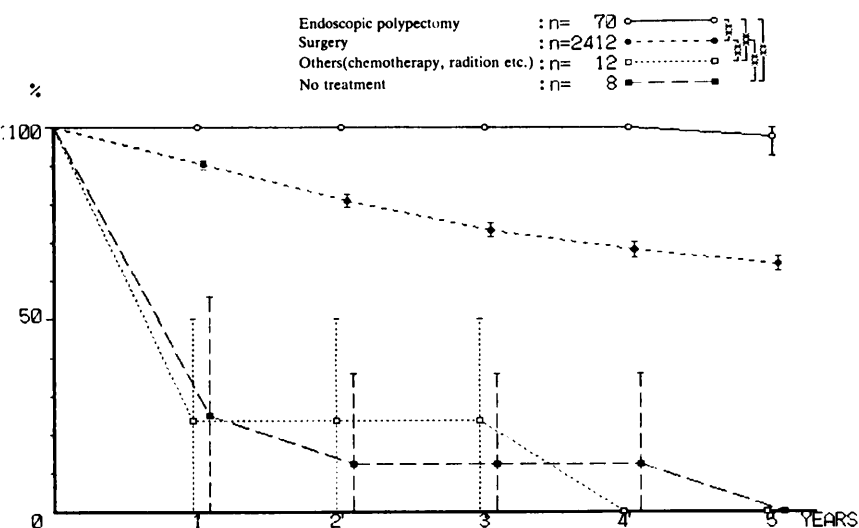


■ P=0.01 * P=0.05

22-1 Modality of principal treatment.
Colon.

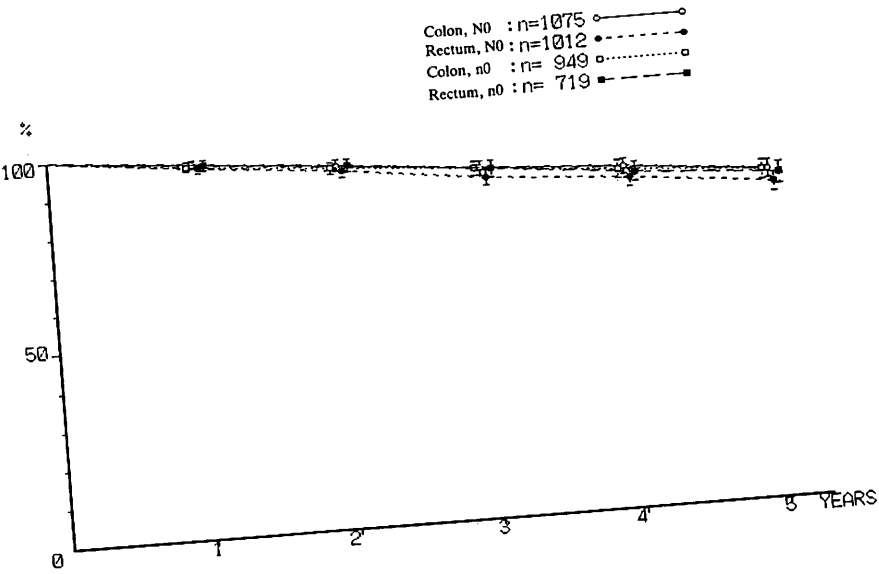


22-2 Modality of principal treatment.
Rectum.



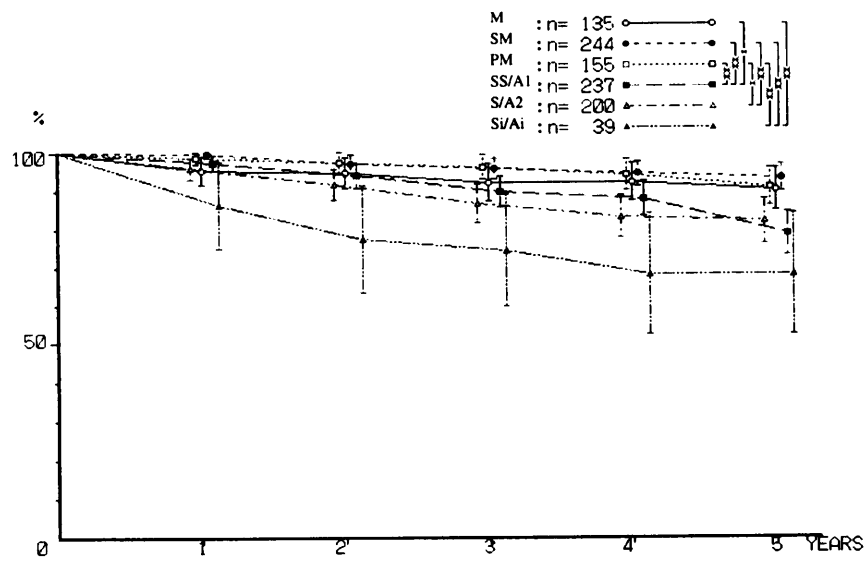
23

H0P0M(-)N0 or n0
Colon and Rectum.

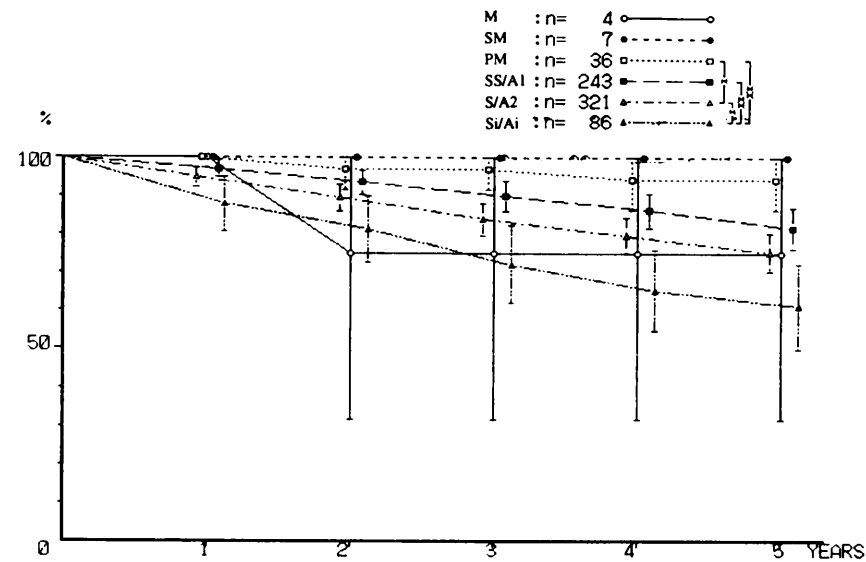


* P=0.01 * P=0.05

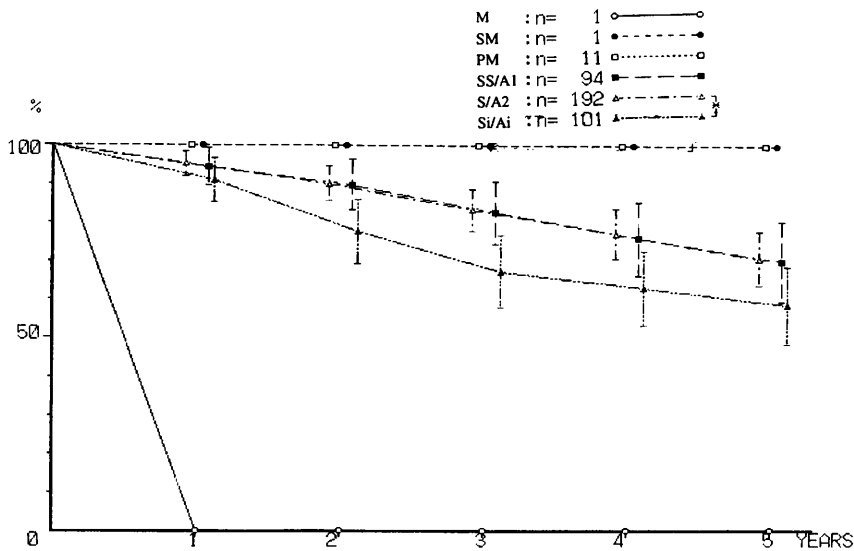
24-1 H0P0M(-)N0
Colon.



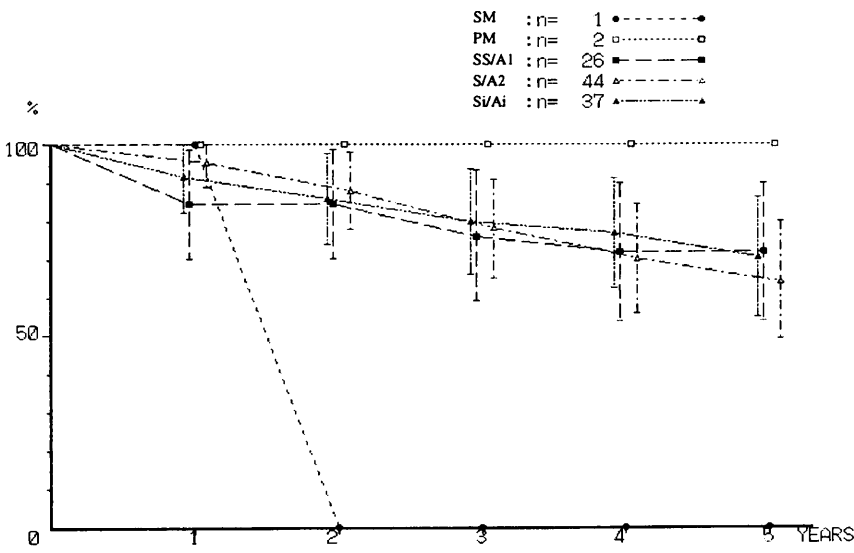
24-2 H0P0M(-)N1
Colon.



24-3 HOPOM(-)N2
Colon.

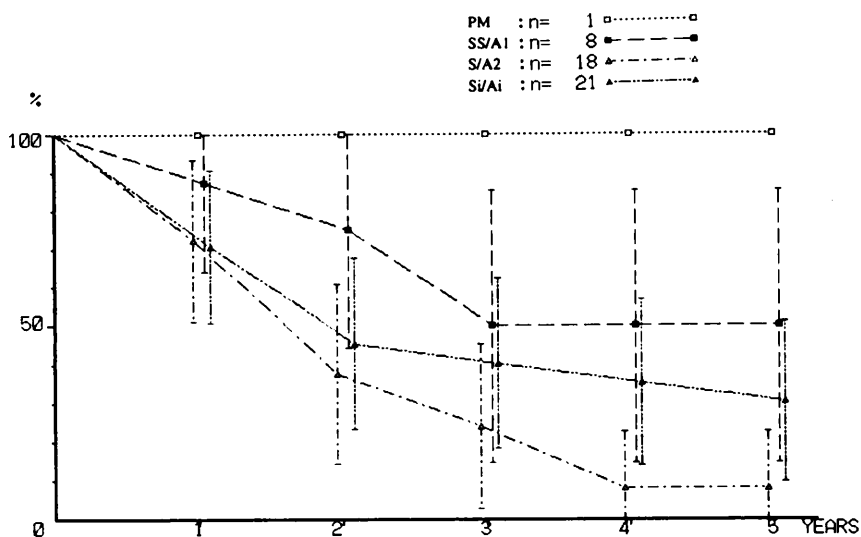


24-4 HOPOM(-)N3
Colon.

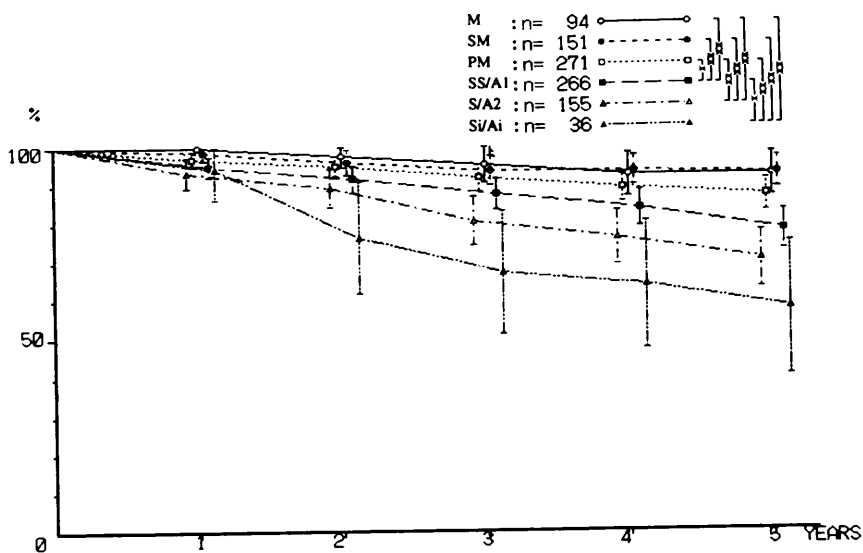


■ P=0.01 * P=0.05

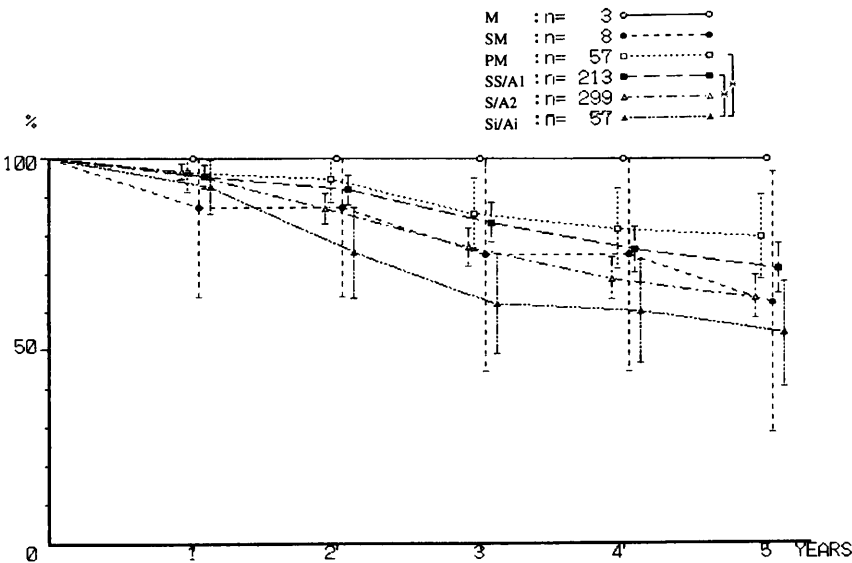
24-5 HOPOM(-)N4
Colon.



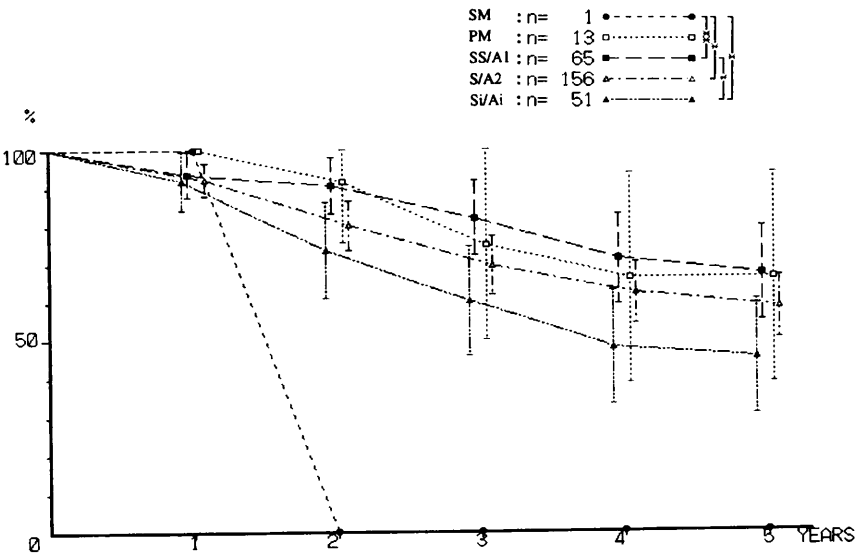
24-6 HOPOM(-)N0
Rectum.



24-7 H0P0M(-)N1
Rectum.

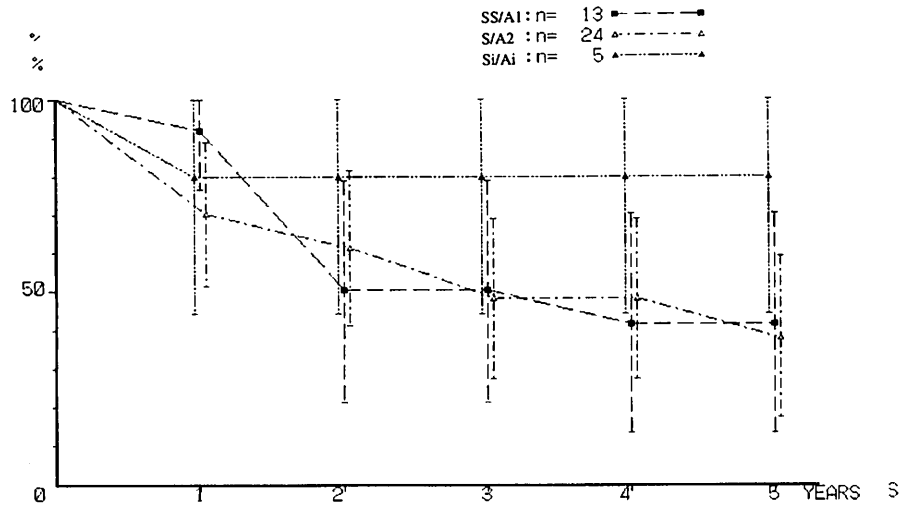


24-8 H0P0M(-)N2
Rectum.

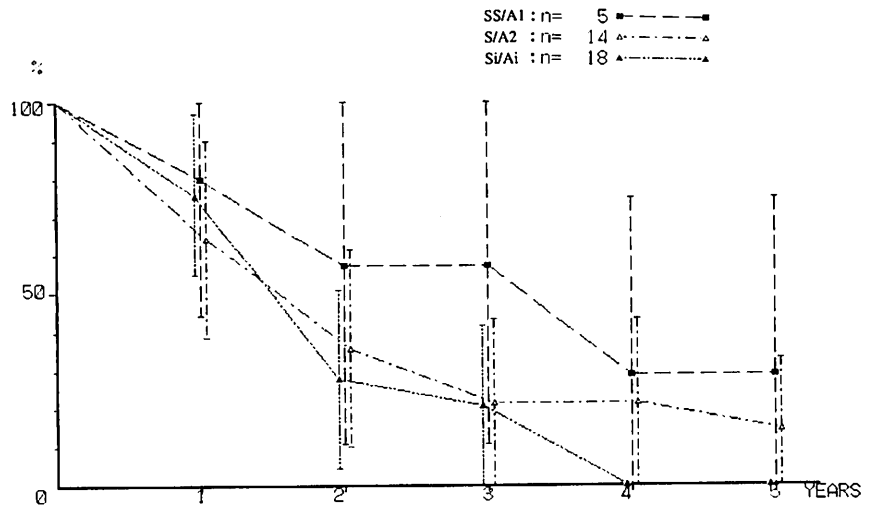


* P=0.01 * P=0.05

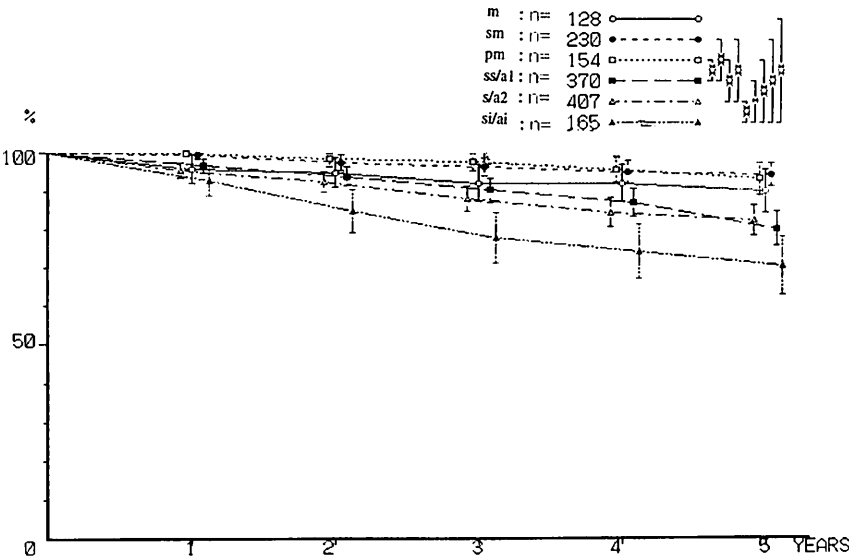
24-9 HOPOM(-)N3
Rectum.



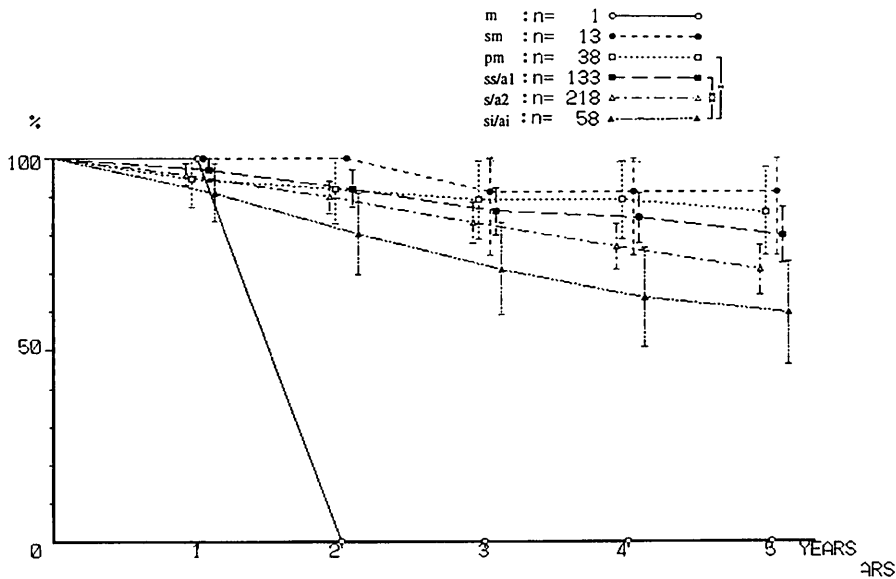
24-10 HOPOM(-)N4
Rectum.



25-1 HOPOM(-)n0
Colon.

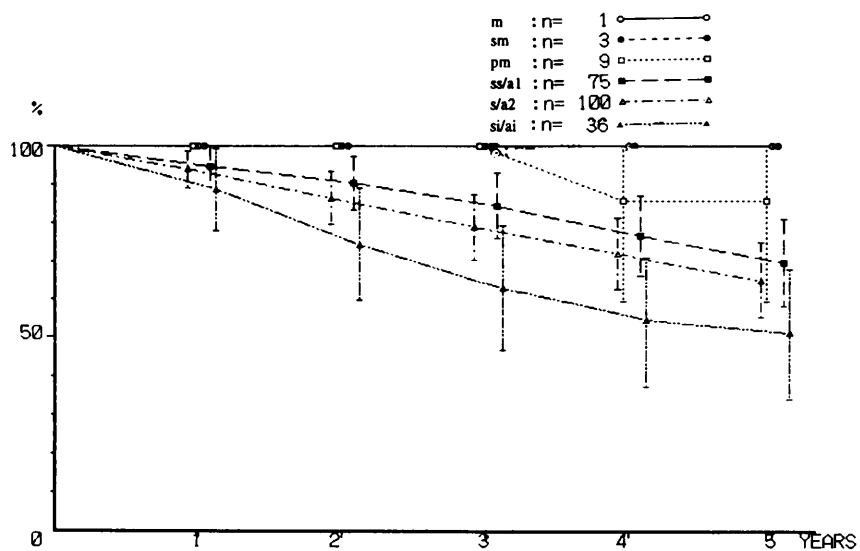


25-2 HOPOM(-)n1
Colon.

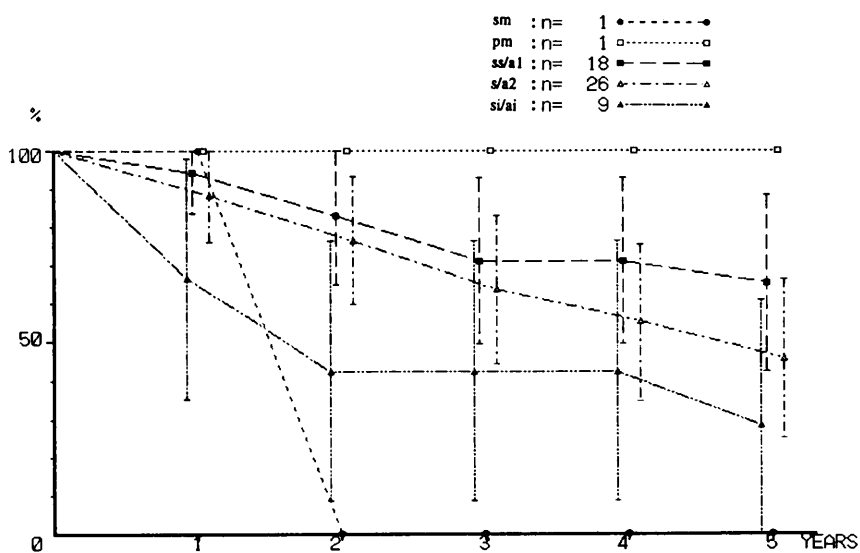


* P=0.01 * P=0.05

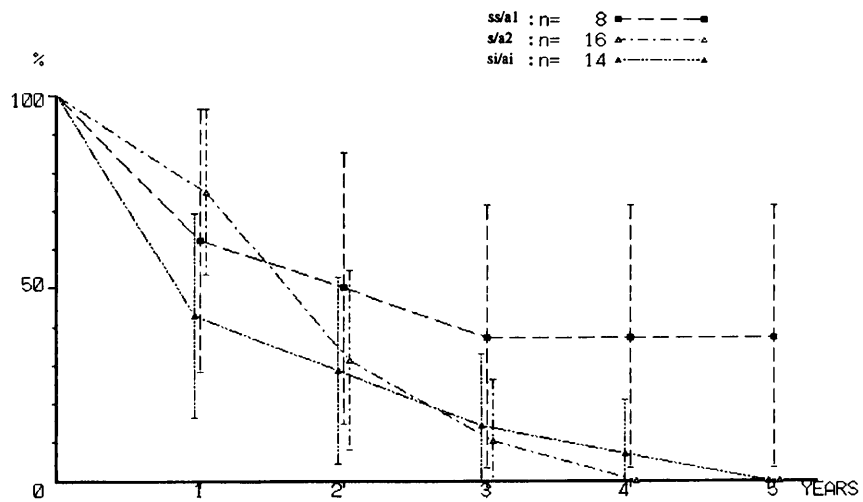
25-3 HOPOM(-)n2
Colon.



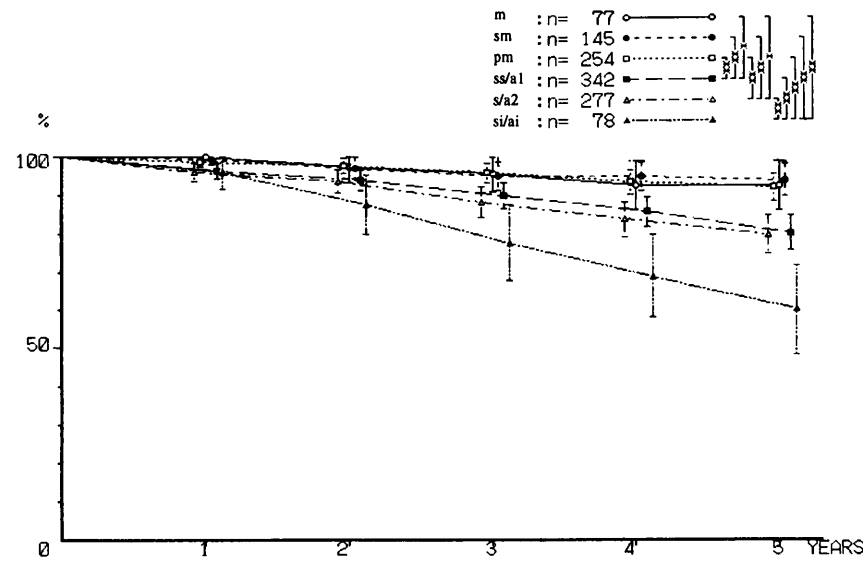
25-4 HOPOM(-)n3
Colon.



25-5 HOPOM(-)n4
Colon.

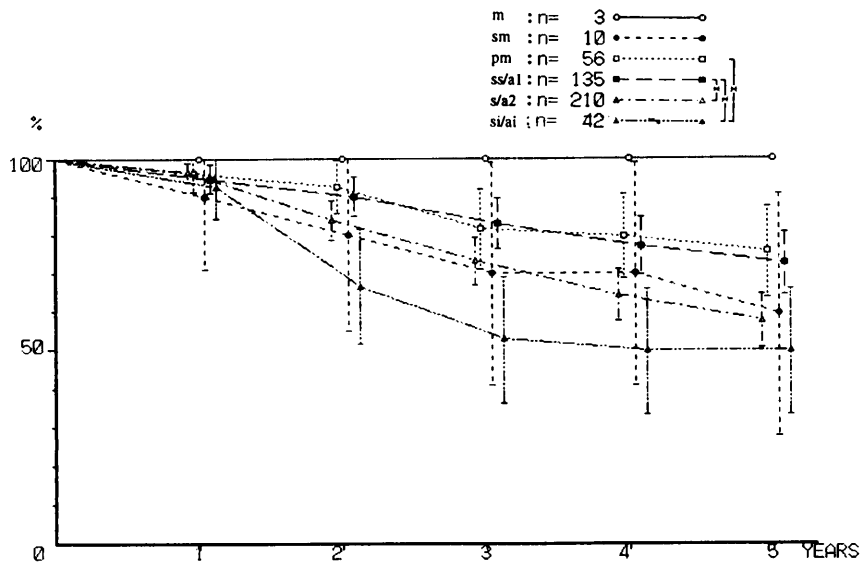


25-6 HOPOM(-)n0
Rectum.

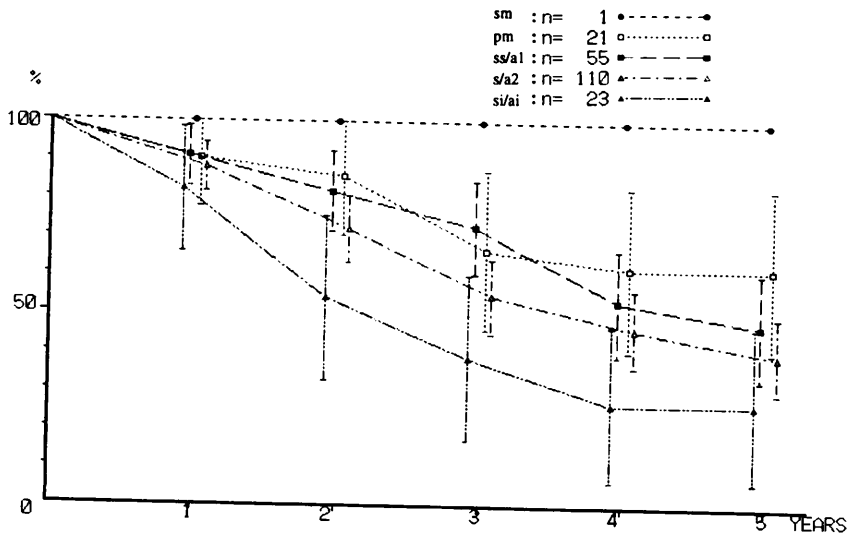


* P=0.01 * P=0.05

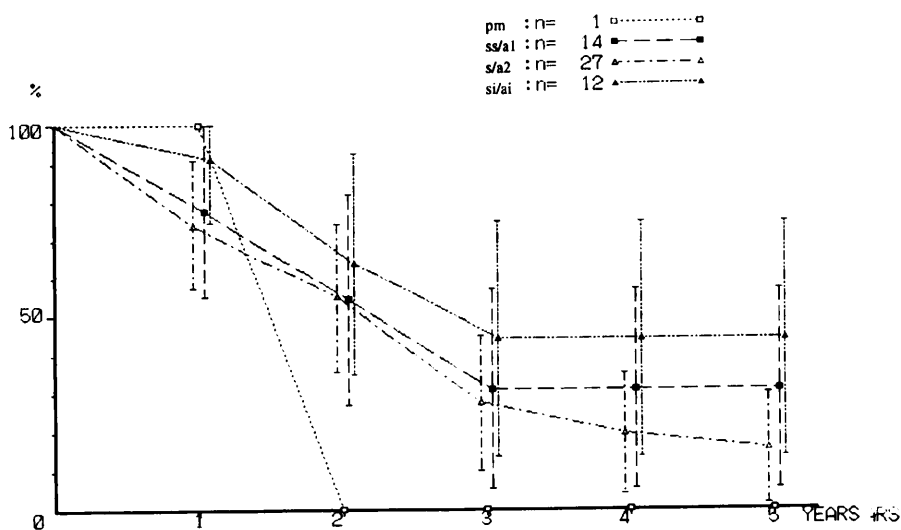
25-7 H0P0M(-)n1
Rectum.



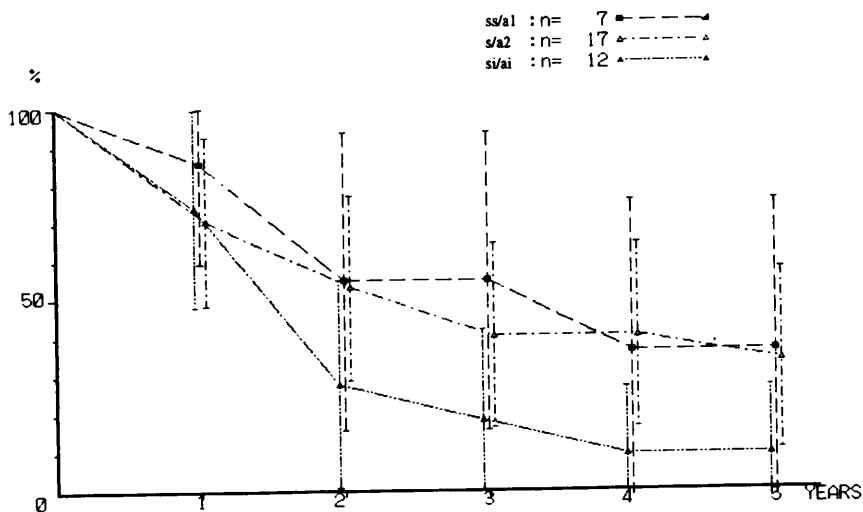
25-8 H0P0M(-)n2
Rectum.



25-9 H0P0M(-)n3
Rectum.

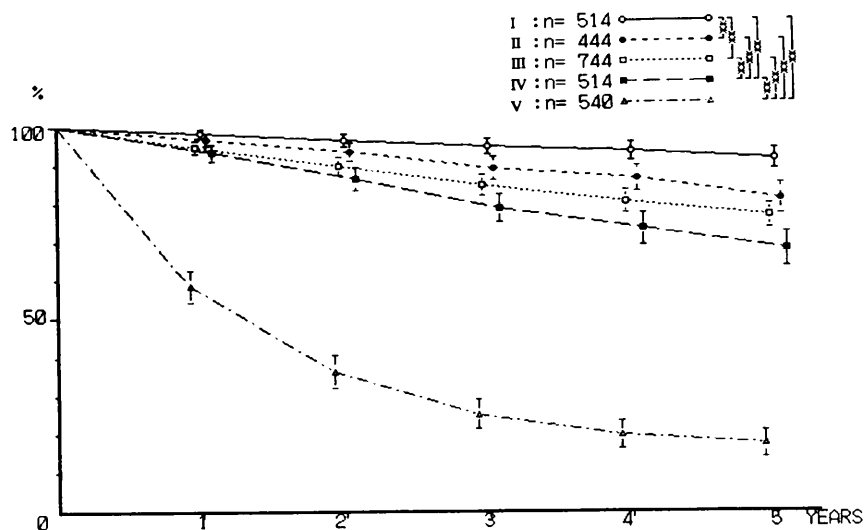


25-10 H0P0M(-)n4
Rectum.

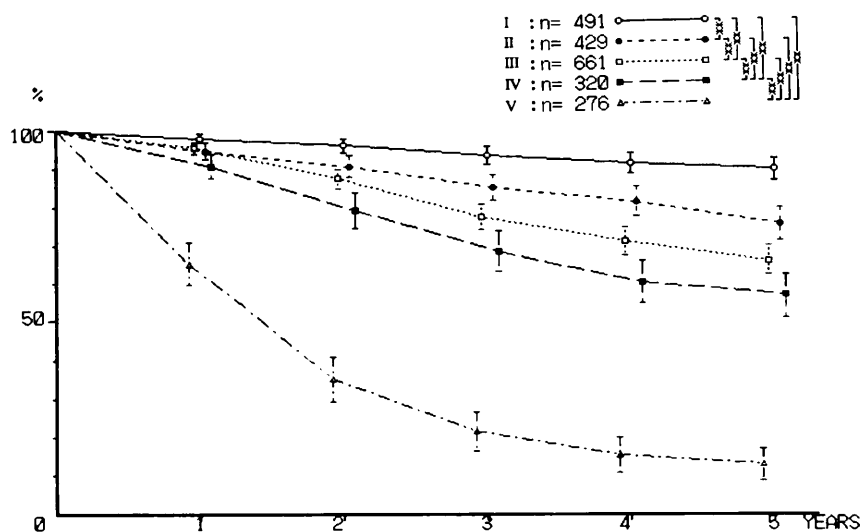


* P=0.01 * P=0.05

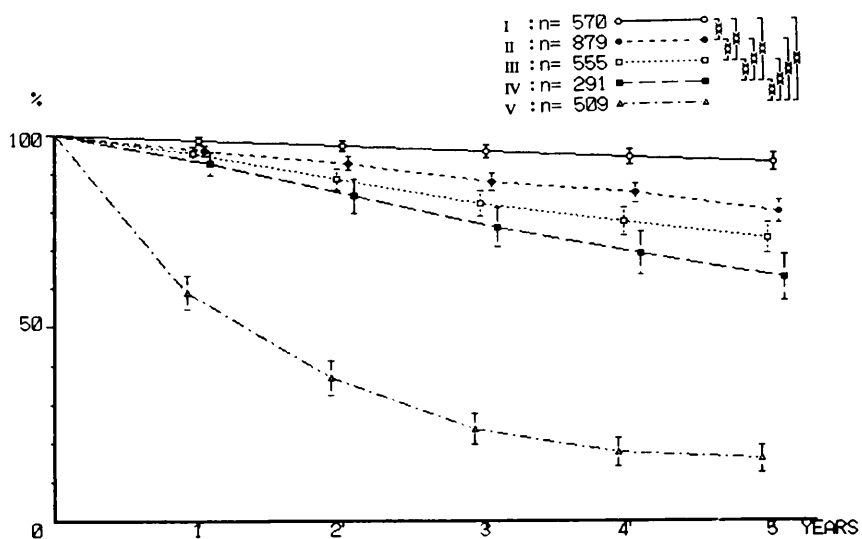
26-1 Clinical stage,
JSCCR.
Colon.



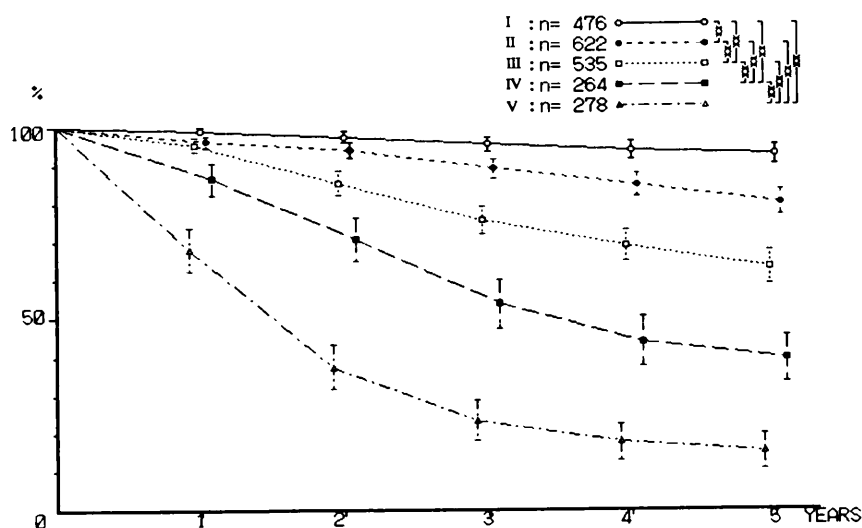
26-2 Clinical stage,
JSCCR.
Rectum.



26-3 Histological stage,
JSCCR.
Colon.

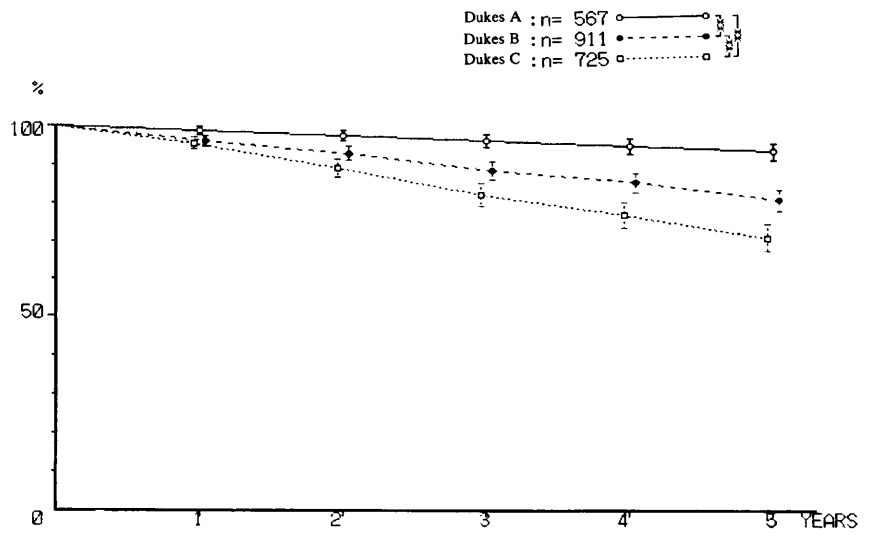


26-4 Histological stage,
JSCCR.
Rectum.

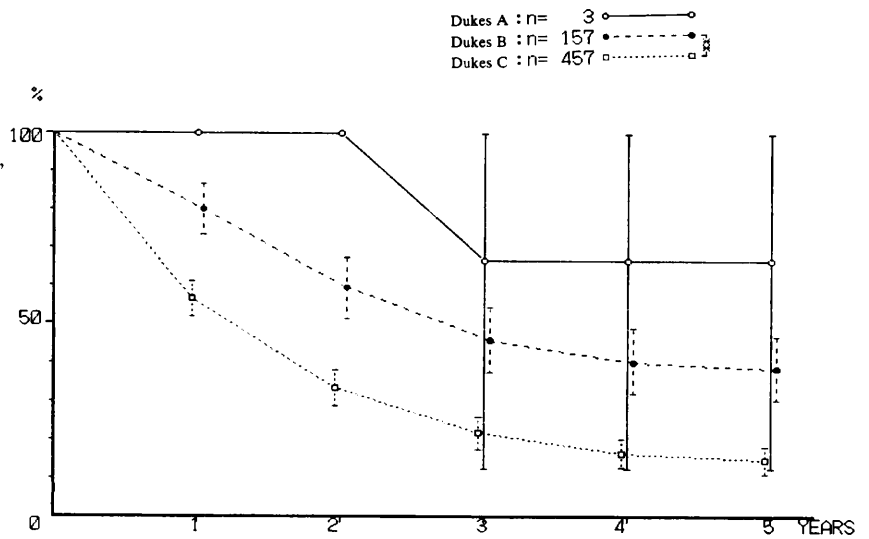


P=0.01 * P=0.05

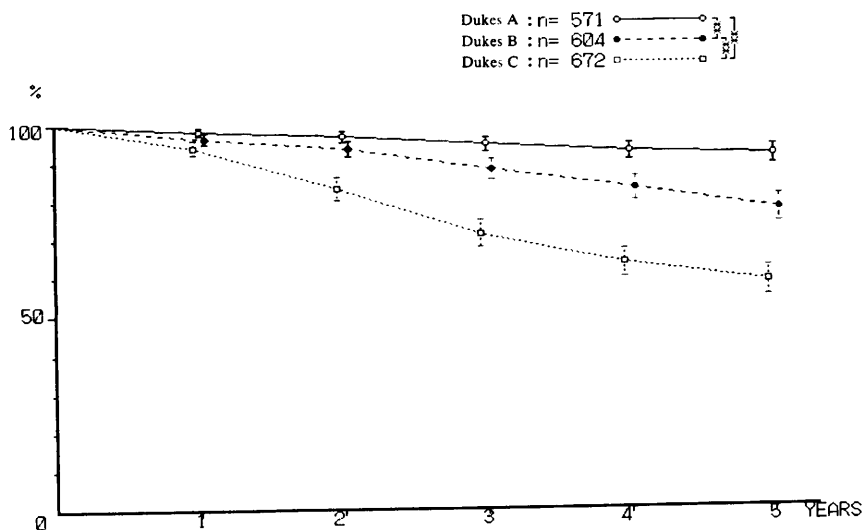
27-1 Dukes.
Curative resection,
Colon.



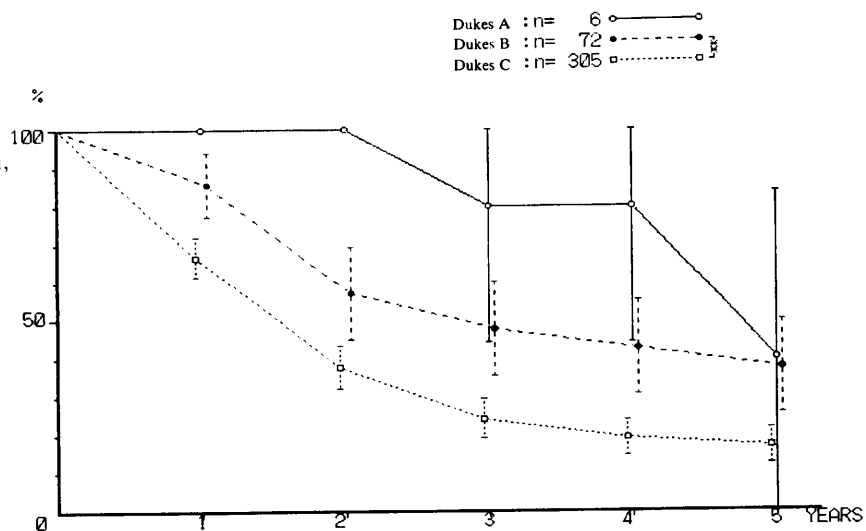
27-2 Dukes.
Non-curative resection,
Colon.



27-3 Dukes.
Curative resection,
Rectum.

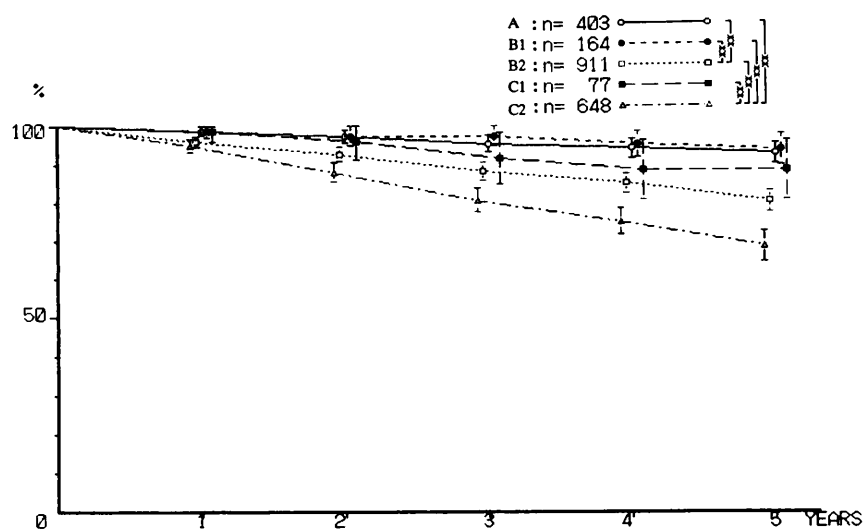


27-4 Dukes.
Non-curative resection,
Rectum.

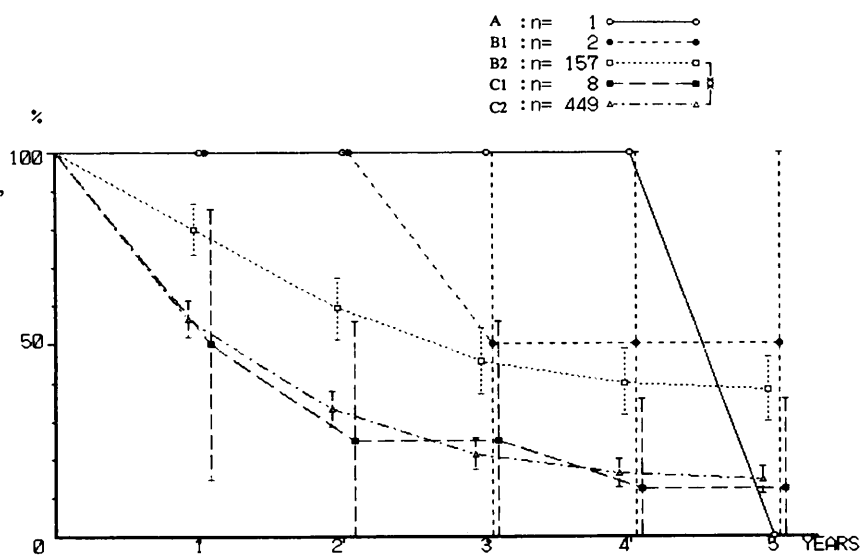


‡ P=0.01 * P=0.05

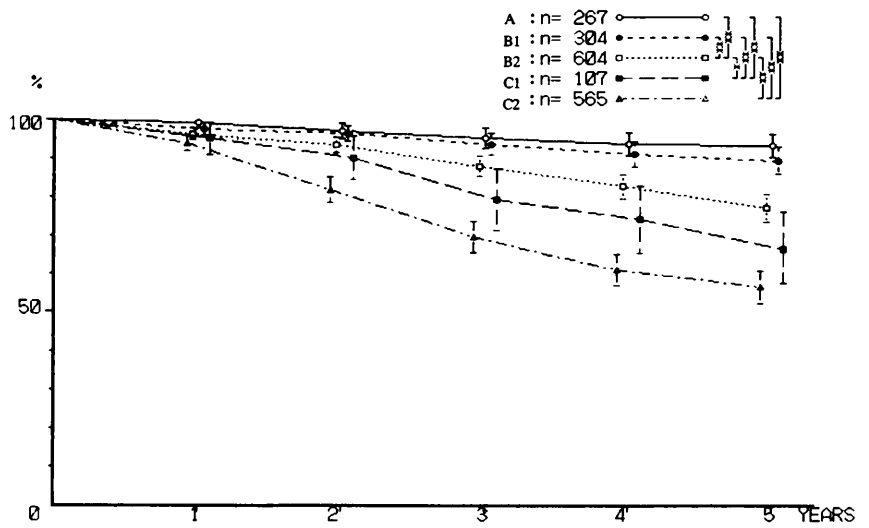
28-1 Astler-Coller.
Curative resection,
Colon.



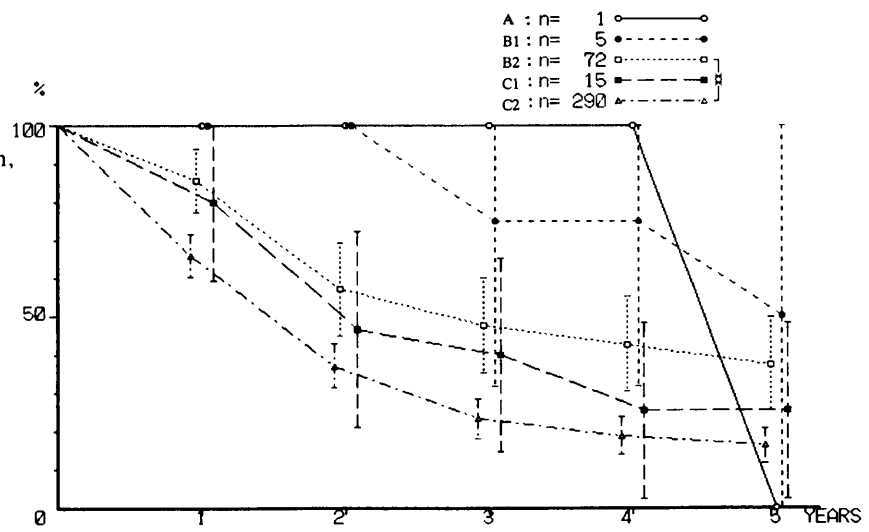
28-2 Astler-Coller.
Non-curative resection,
Colon.



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



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



■ P=0.01 * P=0.05

Multi-Institutional Registry of Large Bowel Cancer
in Japan

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事務局：近畿大学医学部 第1外科内

〒589-0021 大阪府大阪狭山市大野東377-2

T E L 0723(66)0221

全国登録委員会：栃木県立がんセンター

〒320-0834 栃木県宇都宮市陽南4-9-13

T E L 028(658)5151

印 刷

(株)松井ピ・テ・オ・印刷

〒321-0901 宇都宮市平出町4287-7

T E L 028(662)2511
