

Multi-Institutional Registry of Large Bowel Cancer
in Japan

Vol. 26
Cases treated in 1996

Japanese Society for Cancer of the Colon and Rectum

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

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

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Preface

This report consists of statistics on the outcome of the cases treated and registered in 1996. The prospective registry of the cases in 1996 was a collaborative work carried out by the 126 institutes of the Japanese Society for Cancer of the Colon and Rectum (JSCCR); the clinical and pathological characteristics of those 7,879 cases were already compiled in the 18th issue of our report, published in May, 2000.

The survey for this report resulted in rather unsatisfiable work. Only 72 of the 126 institutes (57%) participating in the prospective registry provided their follow-up data on 4,828 cases (61% of the 7,879) in response to repeated requests from the committee of the Multi-Institutional Registry of Large Bowel Cancer (MIRLBC). Unfortunately this was the worst response rate since inception of the prospective registration.

In this report, descriptions are made in accordance with the rules of the 6th edition of the Japanese Classification of Colorectal Carcinoma. Survival analyses were performed for 4,299 cases with adenocarcinoma of the colon and rectum after exclusion of 30 cases with anal canal adenocarcinoma, 59 cases with other malignancies and 423 cases with insufficient information. Cases with anal canal cancer and non-adenocarcinoma will be analyzed when accumulation of the cases for adequate analysis is seen.

There are discrepancies with the previous volume (1995) in how cases with an unknown outcome are handled. In this survival analysis, cases with an unknown outcome were considered "censored" and included if the date of the last contact was recorded, while cases with an unknown outcome were not used at all in the previous volume. Consequently, direct comparison between the results of the previous and the present volumes does not bear important meanings. Survival analysis suitable for comparison over successive years will be planned for publication in due course.

We hope this report will be useful for patient care and research. We request the continuous cooperation of our JSCCR member institutes in the future in order to maintain the high quality of our registry.

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Tetsuichiro Muto, M.D., Ph.D.
President of the JSCCR

Kenjiro Kotake, M.D., Ph.D.
Chairperson of the MIRLBC committee

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Surgical cases=Cases treated by surgery alone or by endoscopy followed by surgery

Number of cases by histology, tumor site and sex

	Site	Male		Female	
		Freq.	Percent	Freq.	Percent
Adenocarcinoma	Ileum	0	0.0	1	0.1
	Appendix	5	0.2	7	0.4
	Caecum	142	4.9	139	7.5
	Ascending	345	11.8	281	15.2
	Transverse	277	9.5	172	9.3
	Descending	156	5.4	72	3.9
	Sigmoid	816	28.0	527	28.5
	Rectosigmoid	331	11.4	194	10.5
	Upper rectum	386	13.2	184	10.0
	Lower rectum	437	15.0	259	14.0
	Proctus	20	0.7	10	0.5
	External skin	0	0.0	0	0.0
	Total	2,915	100.0	1,846	100.0
Others	Ileum	1	3.3	0	0.0
	Appendix	1	3.3	0	0.0
	Caecum	1	3.3	3	10.3
	Ascending	2	6.7	2	6.9
	Transverse	1	3.3	2	6.9
	Descending	1	3.3	1	3.4
	Sigmoid	2	6.7	1	3.4
	Rectosigmoid	0	0.0	2	6.9
	Upper rectum	4	13.3	1	3.4
	Lower rectum	16	53.3	11	37.9
	Proctus	1	3.3	5	17.2
	External skin	0	0.0	1	3.4
	Total	30	100.0	29	100.0

In the following analyses, only subjects with adenocarcinoma arising between cecum including vermiform processus (or appendix) and rectum were used.

Number of excluded cases for survival analysis

Cancers arising at the ileum	2
Cancers arising at the proctus and external skin	37
Cancers of histology other than adenocarcinoma	51
Inappropriate coding other than 1-3 for outcome	126
Missing for date of last contact for reportedly living cases	105
Missing for date of death for reportedly mortal cases	43
Reportedly living cases with cause of death	8
Cases with unknown follow-up status and with date of death	2
Cases with unknown main treatment	37
Cases with date of surgery after date of death	3
Cases with date of endoscopy after date of the last contact	5
Cases with unknown follow-up status and cause of death	2
Cases without both dates of the last contact and of death	87
Cases with date of the last contact before date of surgery	4
Total*	512

* Exclusion criteria were applied to in a sequence as shown in the table.

Another 9 cases were not allowed for survival analysis due to 0 survival.

Death within 30 days after surgery

Surgical curability	Death within 30 days	No. of surgeries	Percent
cur A	2	2,964	0.1
cur B	0	274	0.0
cur C	0	527	0.0
Unresectable	0	21	0.0
Unknown	0	25	0.0
Missing	0	24	0.0
Total	2	3,835	0.1

Age incidence

Male

Site	<20	<30	<40	<50	<60	<70	<80	>=80	Total
Appendix	0	0	1	0	2	2	0	0	5
Caecum	0	0	3	10	23	35	37	14	122
Ascending	0	0	1	19	59	100	98	33	310
Transverse	0	1	1	18	49	69	76	21	235
Descending	1	0	1	18	35	44	33	9	141
Sigmoid	0	3	6	46	134	336	178	37	740
Rectosigmoid	0	1	4	28	83	108	63	13	300
Upper rectum	0	0	4	36	85	133	78	17	353
Lower rectum	0	0	4	46	105	141	78	22	396
Total	1	5	25	221	575	968	641	166	2,602

Female

Site	<20	<30	<40	<50	<60	<70	<80	>=80	Total
Appendix	0	0	1	0	0	0	4	2	7
Caecum	0	0	1	10	25	43	31	19	129
Ascending	0	0	2	21	48	78	82	25	256
Transverse	0	0	4	15	33	49	45	17	163
Descending	0	1	1	8	13	19	21	3	66
Sigmoid	0	2	11	50	121	155	108	29	476
Rectosigmoid	0	0	2	19	46	60	38	18	183
Upper rectum	0	2	6	16	44	62	31	11	172
Lower rectum	0	1	1	28	51	87	57	20	245
Total	0	6	29	167	381	553	417	144	1,697

Modality of treatment

Site	Surgery only	Endoscopy only	Endoscopy followed by surgery	Total
Appendix	12	0	0	12
Caecum	230	20	1	251
Ascending	507	51	8	566
Transverse	353	41	4	398
Descending	176	30	1	207
Sigmoid	969	197	50	1,216
Rectosigmoid	417	54	12	483
Upper rectum	471	42	12	525
Lower rectum	610	27	4	641
Total	3,745	462	92	4,299

Surgical curability (histologically determined) for surgical cases*

Site	cur A	cur B	cur C	Unresect	Unknown	Missing	Total
Appendix	9	1	2	0	0	0	12
Caecum	158	20	47	2	2	2	231
Ascending	407	30	71	4	1	2	515
Transverse	272	30	43	4	5	3	357
Descending	132	9	32	1	2	1	177
Sigmoid	801	61	135	4	9	9	1,019
Rectosigmoid	323	26	71	4	3	2	429
Upper rectum	369	44	67	1	1	1	483
Lower rectum	495	53	59	1	1	5	614
Total	2,966	274	527	21	24	25	3,837

*Surgical cases= Cases treated by surgery alone or by endoscopy followed by surgery

Liver metastasis for surgical cases

Site	H0	H1	H2	H3	Hx	Missing	Total
Appendix	12	0	0	0	0	0	12
Caecum	193	9	7	22	0	0	231
Ascending	464	15	8	26	1	1	515
Transverse	307	19	9	19	2	1	357
Descending	155	6	4	12	0	0	177
Sigmoid	905	30	19	59	4	2	1,019
Rectosigmoid	362	20	7	36	3	1	429
Upper rectum	425	18	11	23	6	0	483
Lower rectum	556	16	7	13	21	1	614
Total	3,379	133	72	210	37	6	3,837

Peritoneal metastasis for surgical cases

Site	P0	P1	P2	P3	Px	Missing	Total
Appendix	9	1	0	2	0	0	12
Caecum	188	12	6	12	1	12	231
Ascending	465	15	6	15	3	11	515
Transverse	326	6	7	8	1	9	357
Descending	161	6	2	6	0	2	177
Sigmoid	938	16	16	22	3	24	1,019
Rectosigmoid	401	11	4	3	3	7	429
Upper rectum	447	9	2	2	8	15	483
Lower rectum	563	5	0	1	28	17	614
Total	3,498	81	43	71	47	97	3,837

Lung metastasis for surgical cases

Site	PM0	PM1	PM2	PM3	PMx	Missing*	Total
Appendix	11	0	0	0	1	0	12
Caecum	208	1	1	1	7	13	231
Ascending	473	4	1	7	5	25	515
Transverse	329	1	0	0	8	19	357
Descending	158	2	0	1	4	12	177
Sigmoid	942	7	1	8	18	43	1,019
Rectosigmoid	393	5	0	2	9	20	429
Upper rectum	436	4	2	2	10	29	483
Lower rectum	556	6	0	5	19	28	614
Total	3,506	30	5	26	81	189	3,837

* Including 112 cases with an inappropriate code

Distant metastasis for surgical cases

Site	M (-)	M (+)	Mx	Missing	Total
Appendix	12	0	0	0	12
Caecum	212	2	3	14	231
Ascending	488	3	4	20	515
Transverse	339	2	4	12	357
Descending	170	2	1	4	177
Sigmoid	969	5	5	40	1019
Rectosigmoid	410	3	6	10	429
Upper rectum	452	5	4	22	483
Lower rectum	574	3	10	27	614
Total	3,626	25	37	149	3,837

Macroscopic lymph node metastasis and depth of invasion

Colon cancer for surgical cases

N	Macroscopic depth of invasion								Total
	M	SM	MP	SS/A1	SE/A2	Si/Ai	Unknown	Missing	
N0	117	248	153	232	178	42	14	11	997*
N1	0	5	38	221	364	81	5	5	719
N2	0	1	9	84	181	72	1	0	348
N3	0	0	2	12	43	33	1	0	91
N4	0	1	0	10	42	28	1	0	82
Unknown	0	1	1	8	23	15	7	0	55
Missing	0	1	1	5	6	2	0	0	15
Total	117	257	204	572	837	273	29	16	2,307

* Two cases with an inappropriate code for depth of invasion were included.

Rectal cancer for surgical cases

N	Macroscopic depth of invasion								Total
	M	SM	MP	SS/A1	SE/A2	Si/Ai	Unknown	Missing	
N0	69	163	163	166	128	17	4	6	717*
N1	0	4	47	179	213	47	2	3	495
N2	0	1	7	37	84	35	1	1	166
N3	0	0	1	10	24	12	0	0	47
N4	0	0	0	4	26	6	1	0	37
Unknown	18	16	5	1	7	8	3	0	58
Missing	0	1	2	1	3	3	0	0	10
Total	87	185	225	398	485	128	11	10	1,530

* One case with an inappropriate code for depth of invasion was included.

Microscopic lymph node metastasis and depth of invasion

Colon cancer for surgical cases

n	Microscopic depth of invasion							Missing	Total
	m	sm	mp	ss/a1	se/a2	si/ai	Unknown		
n0	141	208	175	507	193	50	3	37	1,314
n1	1	16	37	274	154	26	0	11	519
n2	1	4	13	103	107	15	0	8	251
n3	0	0	0	35	33	9	1	0	78
n4	0	1	1	15	14	9	0	1	41
Unknown	3	7	2	22	28	11	9	5	87
Missing	0	1	0	2	1	1	2	10	17
Total	146	237	228	958	530	121	15	72	2,307

Rectal cancer for surgical cases

n	Microscopic depth of invasion							Missing	Total
	m	sm	mp	ss/a1	se/a2	si/ai	Unknown		
n0	72	137	192	250	117	22	2	14	808*
n1	2	16	53	145	130	16	2	8	372
n2	0	6	19	53	77	13	0	4	172
n3	0	1	4	12	30	9	0	1	57
n4	0	0	1	5	20	1	0	2	29
Unknown	38	19	6	5	7	2	5	4	86
Missing	1	0	0	0	0	1	1	4	7
Total	113	179	275	470	381	64	10	37	1,530

* One case with an inappropriate code for depth of invasion was included.

Survival analysis

Sex

Colon cancer, surgical cases

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2311	248	88	89.0%	0.7%	87.7%	90.2%
1-2	1975	188	63	80.4%	0.8%	78.7%	82.0%
2-3	1724	101	68	75.6%	0.9%	73.7%	77.3%
3-4	1555	51	65	73.0%	1.0%	71.1%	74.9%
4-5	1439	50	69	70.4%	1.0%	68.5%	72.3%
5-	1320	91	1229				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1297	147	49	88.4%	0.9%	86.5%	90.1%
1-2	1101	106	39	79.7%	1.1%	77.4%	81.8%
2-3	956	61	41	74.5%	1.3%	72.0%	76.9%
3-4	854	36	34	71.3%	1.3%	68.7%	73.8%
4-5	784	36	44	68.0%	1.4%	65.2%	70.5%
5-	704	51	653				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1014	101	39	89.8%	1.0%	87.8%	91.5%
1-2	874	82	24	81.2%	1.3%	78.6%	83.6%
2-3	768	40	27	76.9%	1.4%	74.1%	79.5%
3-4	701	15	31	75.2%	1.4%	72.4%	77.9%
4-5	655	14	25	73.6%	1.4%	70.7%	76.3%
5-	616	40	576				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Sex

Colon cancer, treated by endoscopy alone.

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	339	3	45	99.0%	0.6%	97.0%	99.7%
1-2	291	1	21	98.7%	0.7%	96.5%	99.5%
2-3	269	3	18	97.5%	0.9%	94.8%	98.8%
3-4	248	2	24	96.7%	1.1%	93.7%	98.3%
4-5	222	0	33	96.7%	1.1%	93.7%	98.3%
5-	189	4	185				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	256	3	31	98.7%	0.8%	96.0%	99.6%
1-2	222	1	19	98.2%	0.9%	95.4%	99.3%
2-3	202	2	14	97.2%	1.1%	93.9%	98.7%
3-4	186	1	18	96.7%	1.2%	93.1%	98.4%
4-5	167	0	23	96.7%	1.2%	93.1%	98.4%
5-	144	2	142				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	83	0	14	100.0%	.	.	.
1-2	69	0	2	100.0%	.	.	.
2-3	67	1	4	98.4%	1.6%	89.3%	99.8%
3-4	62	1	6	96.8%	2.2%	87.8%	99.2%
4-5	55	0	10	96.8%	2.2%	87.8%	99.2%
5-	45	2	43				

Sex

Rectal cancer, surgical cases

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1526	141	39	90.6%	0.8%	89.0%	92.0%
1-2	1346	135	52	81.3%	1.0%	79.3%	83.2%
2-3	1159	87	43	75.2%	1.1%	72.8%	77.3%
3-4	1029	62	37	70.5%	1.2%	68.1%	72.8%
4-5	930	28	41	68.4%	1.2%	65.9%	70.7%
5-	861	82	779				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	963	88	27	90.7%	0.9%	88.7%	92.4%
1-2	848	92	32	80.7%	1.3%	78.0%	83.1%
2-3	724	58	27	74.1%	1.5%	71.2%	76.8%
3-4	639	41	25	69.3%	1.5%	66.1%	72.2%
4-5	573	17	23	67.2%	1.6%	64.0%	70.2%
5-	533	53	480				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	563	53	12	90.5%	1.3%	87.7%	92.6%
1-2	498	43	20	82.5%	1.6%	79.0%	85.4%
2-3	435	29	16	76.9%	1.8%	73.1%	80.2%
3-4	390	21	12	72.7%	1.9%	68.7%	76.3%
4-5	357	11	18	70.4%	2.0%	66.3%	74.1%
5-	328	29	299				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

Sex

Rectal cancer, treated by endoscopy alone

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	123	1	11	99.2%	0.8%	94.2%	99.9%
1-2	111	1	8	98.2%	1.3%	93.0%	99.6%
2-3	102	2	6	96.2%	1.9%	90.2%	98.6%
3-4	94	2	3	94.1%	2.3%	87.4%	97.3%
4-5	89	1	10	93.0%	2.6%	85.8%	96.6%
5-	78	1	77				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	86	1	8	98.8%	1.2%	91.8%	99.8%
1-2	77	1	7	97.4%	1.8%	90.1%	99.4%
2-3	69	1	5	96.0%	2.3%	88.0%	98.7%
3-4	63	0	3	96.0%	2.3%	88.0%	98.7%
4-5	60	1	9	94.2%	2.8%	85.2%	97.8%
5-	50	0	50				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	37	0	3	100.0%	.	.	.
1-2	34	0	1	100.0%	.	.	.
2-3	33	1	1	96.9%	3.1%	79.8%	99.6%
3-4	31	2	0	90.6%	5.2%	73.7%	96.9%
4-5	29	0	1	90.6%	5.2%	73.7%	96.9%
5-	28	1	27				

Clinical stage

Colon cancer, surgical cases

Clinical stage 0

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	108	0	3	100.0%	.	.	.
1-2	105	1	1	99.1%	1.0%	93.4%	99.9%
2-3	103	2	2	97.1%	1.6%	91.3%	99.1%
3-4	99	1	6	96.1%	1.9%	89.9%	98.5%
4-5	92	1	7	95.0%	2.2%	88.3%	97.9%
5-	84	0	84				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	65	0	3	100.0%	.	.	.
1-2	62	1	0	98.4%	1.6%	89.1%	99.8%
2-3	61	1	2	96.8%	2.2%	87.7%	99.2%
3-4	58	1	3	95.1%	2.8%	85.4%	98.4%
4-5	54	1	4	93.2%	3.3%	82.7%	97.4%
5-	49	0	49				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	43	0	1	100.0%	.	.	.
1-2	42	1	0	100.0%	.	.	.
2-3	41	0	3	97.6%	2.4%	84.3%	99.7%
3-4	38	0	3	97.6%	2.4%	84.3%	99.7%
4-5	35	0	35	97.6%	2.4%	84.3%	99.7%
5-							

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Clinical stage I

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	366	7	17	98.1%	0.7%	96.0%	99.1%
1-2	342	6	12	96.3%	1.0%	93.7%	97.8%
2-3	324	5	11	94.8%	1.2%	91.8%	96.7%
3-4	308	4	10	93.5%	1.3%	90.3%	95.7%
4-5	294	6	19	91.6%	1.5%	88.0%	94.1%
5-	269	20	249				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	224	5	11	97.7%	1.0%	94.6%	99.0%
1-2	208	4	9	95.8%	1.4%	92.0%	97.8%
2-3	195	4	7	93.8%	1.7%	89.5%	96.3%
3-4	184	3	6	92.2%	1.9%	87.6%	95.2%
4-5	175	5	14	89.6%	2.2%	84.4%	93.1%
5-	156	15	141				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	142	2	6	98.6%	1.0%	94.4%	99.6%
1-2	134	2	3	97.1%	1.4%	92.4%	98.9%
2-3	129	1	4	96.3%	1.6%	91.4%	98.5%
3-4	124	1	4	95.5%	1.8%	90.3%	98.0%
4-5	119	1	5	94.7%	2.0%	89.2%	97.4%
5-	113	5	108				

Clinical stage

Colon cancer, surgical cases

Clinical stage II

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	379	9	19	97.6%	0.8%	95.4%	98.7%
1-2	351	19	5	92.2%	1.4%	89.0%	94.6%
2-3	327	15	12	87.9%	1.7%	84.1%	90.9%
3-4	300	11	11	84.6%	1.9%	80.4%	88.0%
4-5	278	6	12	82.7%	2.0%	78.3%	86.3%
5-	260	13	247				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	218	8	12	96.2%	1.3%	92.6%	98.1%
1-2	198	11	3	90.8%	2.0%	86.0%	94.1%
2-3	184	9	8	86.3%	2.4%	80.8%	90.3%
3-4	167	8	6	82.1%	2.7%	76.0%	86.7%
4-5	153	4	8	79.9%	2.9%	73.6%	84.8%
5-	141	8	133				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	161	1	7	99.4%	0.6%	95.7%	99.9%
1-2	153	8	2	94.1%	1.9%	89.0%	96.9%
2-3	143	6	4	90.1%	2.4%	84.1%	93.9%
3-4	133	3	5	88.0%	2.7%	81.7%	92.3%
4-5	125	2	4	86.6%	2.8%	80.0%	91.1%
5-	119	5	114				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

Clinical stage IIIa

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	641	37	16	94.1%	0.9%	92.0%	95.7%
1-2	588	36	17	88.3%	1.3%	85.5%	90.6%
2-3	535	23	23	84.4%	1.5%	81.2%	87.0%
3-4	489	21	26	80.6%	1.6%	77.2%	83.6%
4-5	442	13	19	78.2%	1.7%	74.7%	81.3%
5-	410	31	379				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	362	21	11	94.1%	1.3%	91.1%	96.1%
1-2	330	22	12	87.7%	1.8%	83.7%	90.7%
2-3	296	13	13	83.7%	2.0%	79.4%	87.2%
3-4	270	14	11	79.3%	2.2%	74.6%	83.3%
4-5	245	9	12	76.3%	2.3%	71.3%	80.5%
5-	224	18	206				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	279	16	5	94.2%	1.4%	90.7%	96.4%
1-2	258	14	5	89.0%	1.9%	84.7%	92.2%
2-3	239	10	10	85.2%	2.2%	80.4%	88.9%
3-4	219	7	15	82.3%	2.3%	77.2%	86.4%
4-5	197	4	7	80.7%	2.4%	75.3%	85.0%
5-	186	13	173				

Clinical stage
Colon cancer, surgical cases

Clinical stage IIb

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	299	14	12	95.2%	1.3%	92.1%	97.1%
1-2	273	21	8	87.7%	1.9%	83.3%	91.0%
2-3	244	20	13	80.4%	2.4%	75.2%	84.6%
3-4	211	9	4	76.9%	2.5%	71.5%	81.5%
4-5	198	6	7	74.6%	2.6%	69.0%	79.3%
5-	185	13	172				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	147	8	5	94.5%	1.9%	89.2%	97.2%
1-2	134	14	6	84.3%	3.1%	77.1%	89.4%
2-3	114	10	7	76.7%	3.6%	68.7%	83.0%
3-4	97	5	3	72.7%	3.8%	64.4%	79.5%
4-5	89	3	2	70.3%	4.0%	61.7%	77.3%
5-	84	3	81				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	152	6	7	95.9%	1.6%	91.2%	98.2%
1-2	139	7	2	91.0%	2.4%	85.1%	94.7%
2-3	130	10	6	83.9%	3.1%	76.8%	89.0%
3-4	114	4	1	80.9%	3.3%	73.4%	86.5%
4-5	109	3	5	78.6%	3.5%	70.9%	84.6%
5-	101	10	91				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
CI=95 percent confidence interval

Clinical stage IV

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	395	174	16	54.7%	2.6%	49.5%	59.5%
1-2	205	98	11	27.5%	2.3%	23.0%	32.2%
2-3	96	31	2	18.5%	2.1%	14.7%	22.7%
3-4	63	3	6	17.6%	2.0%	13.9%	21.8%
4-5	54	9	2	14.6%	1.9%	11.1%	18.6%
5-	43	12	31				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	210	99	5	52.1%	3.5%	45.1%	58.7%
1-2	106	49	4	27.4%	3.2%	21.4%	33.7%
2-3	53	20	0	17.1%	2.7%	12.2%	22.6%
3-4	33	3	4	15.5%	2.6%	10.8%	20.9%
4-5	26	7	1	11.3%	2.3%	7.3%	16.3%
5-	18	5	13				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	185	75	11	57.7%	3.7%	50.1%	64.6%
1-2	99	49	7	27.6%	3.5%	21.0%	34.5%
2-3	43	11	2	20.3%	3.2%	14.5%	26.9%
3-4	30	0	2	20.3%	3.2%	14.5%	26.9%
4-5	28	2	1	18.8%	3.1%	13.2%	25.3%
5-	25	7	18				

Clinical stage

Rectal cancer, surgical cases

Clinical stage 0

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	84	3	6	96.3%	2.1%	88.8%	98.8%
1-2	75	0	6	96.3%	2.1%	88.8%	98.8%
2-3	69	0	2	96.3%	2.1%	88.8%	98.8%
3-4	67	2	2	93.3%	2.9%	84.7%	97.2%
4-5	63	0	1	93.3%	2.9%	84.7%	97.2%
5-	62	2	60				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	55	2	4	96.2%	2.6%	85.6%	99.0%
1-2	49	0	5	96.2%	2.6%	85.6%	99.0%
2-3	44	0	2	96.2%	2.6%	85.6%	99.0%
3-4	42	1	1	93.8%	3.5%	82.0%	98.0%
4-5	40	0	1	93.8%	3.5%	82.0%	98.0%
5-	39	1	38				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	29	1	2	96.3%	3.6%	76.5%	99.5%
1-2	26	0	1	96.3%	3.6%	76.5%	99.5%
2-3	25	1	1	96.3%	3.6%	76.5%	99.5%
3-4	23	1	22	92.4%	5.1%	73.0%	98.1%
4-5				92.4%	5.1%	73.0%	98.1%
5-							

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

Clinical stage I

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	302	7	9	97.6%	0.9%	95.1%	98.9%
1-2	286	8	9	94.9%	1.3%	91.6%	96.9%
2-3	269	10	9	91.3%	1.7%	87.4%	94.0%
3-4	250	3	6	90.2%	1.8%	86.1%	93.1%
4-5	241	0	10	90.2%	1.8%	86.1%	93.1%
5-	231	14	217				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	190	4	7	97.8%	1.1%	94.3%	99.2%
1-2	179	7	6	93.9%	1.8%	89.3%	96.6%
2-3	166	7	6	89.9%	2.3%	84.5%	93.5%
3-4	153	3	4	88.1%	2.4%	82.4%	92.1%
4-5	146	0	4	88.1%	2.4%	82.4%	92.1%
5-	142	12	130				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	112	3	2	97.3%	1.5%	91.9%	99.1%
1-2	107	1	3	96.4%	1.8%	90.7%	98.6%
2-3	103	3	3	93.6%	2.4%	87.0%	96.9%
3-4	97	0	2	93.6%	2.4%	87.0%	96.9%
4-5	95	0	6	93.6%	2.4%	87.0%	96.9%
5-	89	2	87				

Clinical stage

Rectal cancer, surgical cases

Clinical stage II

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	281	13	6	95.3%	1.3%	92.1%	97.3%
1-2	262	12	6	90.9%	1.7%	86.8%	93.8%
2-3	244	11	11	86.7%	2.1%	82.1%	90.2%
3-4	222	11	9	82.3%	2.4%	77.2%	86.4%
4-5	202	8	5	79.0%	2.5%	73.6%	83.5%
5-	189	14	175				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	181	7	3	96.1%	1.4%	92.0%	98.1%
1-2	171	8	5	91.5%	2.1%	86.3%	94.8%
2-3	158	8	8	86.8%	2.6%	80.8%	91.1%
3-4	142	9	5	81.2%	3.0%	74.5%	86.3%
4-5	128	5	3	78.0%	3.2%	70.9%	83.6%
5-	120	8	112				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	100	6	3	93.9%	2.4%	86.9%	97.2%
1-2	91	4	1	89.8%	3.1%	81.8%	94.4%
2-3	86	3	3	86.5%	3.5%	77.9%	92.0%
3-4	80	2	4	84.3%	3.7%	75.3%	90.2%
4-5	74	3	2	80.9%	4.1%	71.4%	87.5%
5-	69	6	63				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Clinical stage IIIa

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	422	29	7	93.1%	1.2%	90.2%	95.1%
1-2	386	36	16	84.2%	1.8%	80.3%	87.4%
2-3	334	30	11	76.6%	2.1%	72.1%	80.4%
3-4	293	26	15	69.6%	2.3%	64.8%	73.9%
4-5	252	11	9	66.5%	2.4%	61.6%	71.0%
5-	232	26	206				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	263	23	4	91.2%	1.8%	87.1%	94.1%
1-2	236	20	9	83.4%	2.3%	78.3%	87.4%
2-3	207	19	6	75.7%	2.7%	69.9%	80.5%
3-4	182	17	12	68.3%	3.0%	62.1%	73.8%
4-5	153	8	6	64.7%	3.1%	58.3%	70.4%
5-	139	14	125				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	159	6	3	96.2%	1.5%	91.7%	98.3%
1-2	150	16	7	85.6%	2.9%	78.9%	90.3%
2-3	127	11	5	78.1%	3.4%	70.6%	83.9%
3-4	111	9	3	71.6%	3.7%	63.6%	78.2%
4-5	99	3	3	69.5%	3.8%	61.3%	76.2%
5-	93	12	81				

Clinical stage

Rectal cancer, surgical cases

Clinical stage IIIb

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	145	13	1	91.0%	2.4%	85.0%	94.7%
1-2	131	18	6	78.4%	3.4%	70.7%	84.3%
2-3	107	17	4	65.8%	4.0%	57.3%	73.0%
3-4	86	7	1	60.4%	4.2%	51.7%	68.1%
4-5	78	5	6	56.4%	4.3%	47.6%	64.3%
5-	67	10	57				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	88	9	1	89.7%	3.3%	81.1%	94.5%
1-2	78	12	4	75.7%	4.6%	65.2%	83.4%
2-3	62	10	0	63.5%	5.2%	52.3%	72.8%
3-4	52	3	1	59.8%	5.4%	48.5%	69.4%
4-5	48	3	2	56.0%	5.4%	44.7%	65.9%
5-	43	7	36				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	57	4	0	93.0%	3.4%	82.4%	97.3%
1-2	53	6	2	82.5%	5.0%	69.9%	90.2%
2-3	45	7	4	69.2%	6.3%	55.1%	79.6%
3-4	34	4	0	61.0%	6.7%	46.6%	72.7%
4-5	30	2	4	56.3%	7.0%	41.7%	68.7%
5-	24	3	21				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

Clinical stage IV

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	207	70	7	65.4%	3.4%	58.4%	71.5%
1-2	130	55	5	37.0%	3.5%	30.3%	43.7%
2-3	70	17	4	27.6%	3.2%	21.5%	34.1%
3-4	49	10	2	21.8%	3.0%	16.2%	28.0%
4-5	37	4	4	19.4%	2.9%	14.0%	25.4%
5-	29	7	22				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	136	39	5	70.7%	4.0%	62.2%	77.7%
1-2	92	40	1	39.8%	4.3%	31.4%	48.1%
2-3	51	14	3	28.4%	4.0%	20.8%	36.4%
3-4	34	6	2	23.1%	3.8%	16.1%	30.9%
4-5	26	1	4	22.2%	3.8%	15.3%	29.9%
5-	21	6	15				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	71	31	2	55.3%	6.0%	42.8%	66.1%
1-2	38	15	4	31.7%	5.8%	20.9%	43.0%
2-3	19	3	1	26.6%	5.5%	16.5%	37.7%
3-4	15	4	0	19.5%	5.1%	10.7%	30.2%
4-5	11	3	0	14.2%	4.5%	6.8%	24.2%
5-	8	1	7				

Histological stage

Colon cancer, surgical cases

Histological stage 0

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	144	2	5	98.6%	1.0%	94.4%	99.6%
1-2	137	0	4	98.6%	1.0%	94.4%	99.6%
2-3	133	2	10	97.0%	1.5%	92.3%	98.9%
3-4	121	1	6	96.2%	1.7%	91.1%	98.4%
4-5	114	0	9	96.2%	1.7%	91.1%	98.4%
5-	105	2	103				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	85	2	4	97.6%	1.7%	90.7%	99.4%
1-2	79	0	3	97.6%	1.7%	90.7%	99.4%
2-3	76	1	8	96.1%	2.2%	88.5%	98.7%
3-4	67	1	3	94.7%	2.6%	86.3%	98.0%
4-5	63	0	6	94.7%	2.6%	86.3%	98.0%
5-	57	1	56				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	59	0	1	100.0%	.	.	.
1-2	58	0	1	100.0%	.	.	.
2-3	57	1	2	98.3%	1.7%	88.2%	99.8%
3-4	54	0	3	98.3%	1.7%	88.2%	99.8%
4-5	51	0	3	98.3%	1.7%	88.2%	99.8%
5-	48	1	47				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Histological stage I

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	397	6	20	98.5%	0.6%	96.6%	99.3%
1-2	371	4	14	97.4%	0.8%	95.2%	98.6%
2-3	353	7	5	95.4%	1.1%	92.7%	97.1%
3-4	341	7	15	93.4%	1.3%	90.3%	95.5%
4-5	319	8	18	91.0%	1.5%	87.6%	93.6%
5-	293	18	275				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	243	3	12	98.7%	0.7%	96.1%	99.6%
1-2	228	3	10	97.4%	1.1%	94.3%	98.8%
2-3	215	6	2	94.7%	1.5%	90.8%	96.9%
3-4	207	4	8	92.8%	1.7%	88.5%	95.5%
4-5	195	6	14	89.9%	2.1%	85.0%	93.2%
5-	175	15	160				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	154	3	8	98.0%	1.1%	94.0%	99.4%
1-2	143	1	4	97.3%	1.3%	93.0%	99.0%
2-3	138	1	3	96.6%	1.5%	92.0%	98.6%
3-4	134	3	7	94.3%	2.0%	89.0%	97.1%
4-5	124	2	4	92.8%	2.2%	87.0%	96.1%
5-	118	3	115				

Histological stage

Colon cancer, surgical cases

Histological stage II

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	670	17	26	97.4%	0.6%	95.9%	98.4%
1-2	627	29	19	92.8%	1.0%	90.5%	94.6%
2-3	579	21	20	89.4%	1.2%	86.7%	91.6%
3-4	538	9	22	87.9%	1.3%	85.0%	90.2%
4-5	507	15	25	85.2%	1.4%	82.1%	87.8%
5-	467	20	447				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	397	14	15	96.4%	0.9%	94.0%	97.9%
1-2	368	23	14	90.2%	1.5%	86.8%	92.8%
2-3	331	11	15	87.2%	1.7%	83.3%	90.2%
3-4	305	6	12	85.4%	1.8%	81.4%	88.6%
4-5	287	8	15	83.0%	2.0%	78.7%	86.5%
5-	264	13	251				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	273	3	11	98.9%	0.6%	96.6%	99.6%
1-2	259	6	5	96.6%	1.1%	93.5%	98.2%
2-3	248	10	5	92.6%	1.6%	88.7%	95.2%
3-4	233	3	10	91.4%	1.8%	87.2%	94.2%
4-5	220	7	10	88.4%	2.0%	83.7%	91.8%
5-	203	7	196				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

Histological stage IIIa

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	451	27	15	93.9%	1.1%	91.2%	95.8%
1-2	409	35	9	85.7%	1.7%	82.1%	88.7%
2-3	365	16	16	81.9%	1.9%	77.9%	85.2%
3-4	333	20	11	76.9%	2.1%	72.5%	80.6%
4-5	302	11	8	74.0%	2.2%	69.5%	78.0%
5-	283	31	252				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	231	14	10	93.8%	1.6%	89.7%	96.3%
1-2	207	21	4	84.1%	2.5%	78.6%	88.4%
2-3	182	11	6	79.0%	2.8%	72.9%	83.8%
3-4	165	14	6	72.2%	3.1%	65.6%	77.7%
4-5	145	9	4	67.6%	3.2%	60.8%	73.5%
5-	132	14	118				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	220	13	5	94.0%	1.6%	89.9%	96.5%
1-2	202	14	5	87.4%	2.3%	82.1%	91.2%
2-3	183	5	10	84.9%	2.5%	79.4%	89.1%
3-4	168	6	5	81.9%	2.7%	75.9%	86.5%
4-5	157	2	4	80.8%	2.7%	74.8%	85.6%
5-	151	17	134				

Histological stage
Colon cancer, surgical cases

Histological stage IIb

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	200	14	7	92.9%	1.8%	88.3%	95.7%
1-2	179	22	6	81.2%	2.8%	74.9%	86.1%
2-3	151	19	11	70.6%	3.4%	63.5%	76.6%
3-4	121	7	3	66.5%	3.5%	59.2%	72.8%
4-5	111	5	4	63.5%	3.6%	56.0%	70.0%
5-	102	8	94				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	97	10	3	89.5%	3.1%	81.4%	94.2%
1-2	84	11	5	77.4%	4.4%	67.5%	84.7%
2-3	68	8	7	67.9%	5.0%	57.1%	76.5%
3-4	53	4	1	62.8%	5.2%	51.7%	72.0%
4-5	48	4	1	57.5%	5.4%	46.3%	67.3%
5-	43	2	41				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	103	4	4	96.1%	1.9%	89.8%	98.5%
1-2	95	11	1	84.8%	3.6%	76.1%	90.6%
2-3	83	11	4	73.3%	4.5%	63.3%	81.0%
3-4	68	3	2	70.0%	4.7%	59.8%	78.1%
4-5	63	1	3	68.9%	4.7%	58.6%	77.1%
5-	59	6	53				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
CI=95 percent confidence interval

Histological stage IV

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	380	161	14	56.5%	2.6%	51.3%	61.4%
1-2	205	92	10	30.2%	2.4%	25.5%	35.0%
2-3	103	32	2	20.7%	2.2%	16.6%	25.1%
3-4	69	6	7	18.9%	2.1%	14.9%	23.2%
4-5	56	10	2	15.4%	2.0%	11.8%	19.5%
5-	44	11	33				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	202	91	4	54.3%	3.5%	47.1%	60.9%
1-2	107	45	3	30.9%	3.3%	24.6%	37.5%
2-3	59	21	0	19.9%	2.9%	14.6%	25.8%
3-4	38	6	4	16.7%	2.7%	11.8%	22.3%
4-5	28	8	1	11.9%	2.4%	7.7%	17.1%
5-	19	5	14				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	178	70	10	59.1%	3.8%	51.3%	66.1%
1-2	98	47	7	29.2%	3.6%	22.4%	36.4%
2-3	44	11	2	21.7%	3.3%	15.6%	28.5%
3-4	31	0	3	21.7%	3.3%	15.6%	28.5%
4-5	28	2	1	20.1%	3.3%	14.1%	26.8%
5-	25	6	19				

Histological stage

Rectal cancer, surgical cases

Histological stage 0

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	90	4	5	95.4%	2.2%	88.2%	98.3%
1-2	81	0	5	95.4%	2.2%	88.2%	98.3%
2-3	76	2	5	92.8%	2.8%	84.6%	96.7%
3-4	69	1	4	91.4%	3.1%	82.8%	95.8%
4-5	64	0	2	91.4%	3.1%	82.8%	95.8%
5-	62	4	58				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	59	2	4	96.5%	2.4%	86.7%	99.1%
1-2	53	0	4	96.5%	2.4%	86.7%	99.1%
2-3	49	0	4	96.5%	2.4%	86.7%	99.1%
3-4	45	0	2	96.5%	2.4%	86.7%	99.1%
4-5	43	0	1	96.5%	2.4%	86.7%	99.1%
5-	42	4	38				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	31	2	1	93.4%	4.5%	76.2%	98.3%
1-2	28	0	1	93.4%	4.5%	76.2%	98.3%
2-3	27	2	1	86.4%	6.4%	67.6%	94.7%
3-4	24	1	2	82.8%	7.0%	63.4%	92.5%
4-5	21	0	1	82.8%	7.0%	63.4%	92.5%
5-	20	0	20				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

Histological stage I

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	338	11	10	96.7%	1.0%	94.1%	98.2%
1-2	317	5	11	95.1%	1.2%	92.2%	97.0%
2-3	301	9	7	92.3%	1.5%	88.8%	94.7%
3-4	285	3	7	91.3%	1.6%	87.6%	93.9%
4-5	275	1	11	91.0%	1.6%	87.2%	93.6%
5-	263	17	246				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	205	6	8	97.0%	1.2%	93.4%	98.6%
1-2	191	4	8	94.9%	1.6%	90.8%	97.2%
2-3	179	7	6	91.2%	2.1%	86.2%	94.4%
3-4	166	3	3	89.5%	2.2%	84.2%	93.1%
4-5	160	0	4	89.5%	2.2%	84.2%	93.1%
5-	156	12	144				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	133	5	2	96.2%	1.7%	91.2%	98.4%
1-2	126	1	3	95.5%	1.8%	90.2%	97.9%
2-3	122	2	1	93.9%	2.1%	88.1%	96.9%
3-4	119	0	4	93.9%	2.1%	88.1%	96.9%
4-5	115	1	7	93.1%	2.2%	87.1%	96.3%
5-	107	5	102				

Histological stage
Rectal cancer, surgical cases

Histological stage II

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	345	10	7	97.1%	0.9%	94.6%	98.4%
1-2	328	19	10	91.4%	1.5%	87.8%	93.9%
2-3	299	9	15	88.6%	1.8%	84.6%	91.5%
3-4	275	14	10	84.0%	2.1%	79.5%	87.5%
4-5	251	7	8	81.6%	2.2%	76.9%	85.4%
5-	236	20	216				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	229	7	3	96.9%	1.1%	93.7%	98.5%
1-2	219	11	8	92.0%	1.8%	87.6%	94.9%
2-3	200	9	8	87.8%	2.2%	82.6%	91.4%
3-4	183	11	7	82.4%	2.6%	76.6%	86.9%
4-5	165	6	6	79.3%	2.8%	73.2%	84.2%
5-	153	12	141				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	116	3	4	97.4%	1.5%	92.1%	99.1%
1-2	109	8	2	90.2%	2.8%	83.0%	94.5%
2-3	99	0	7	90.2%	2.8%	83.0%	94.5%
3-4	92	3	3	87.2%	3.2%	79.3%	92.2%
4-5	86	1	2	86.2%	3.3%	78.1%	91.5%
5-	83	8	75				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
CI=95 percent confidence interval

Histological stage IIIa

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	309	18	4	94.2%	1.3%	90.9%	96.3%
1-2	287	28	10	84.8%	2.1%	80.3%	88.4%
2-3	249	19	7	78.3%	2.4%	73.2%	82.6%
3-4	223	20	11	71.1%	2.7%	65.6%	76.0%
4-5	192	8	7	68.1%	2.8%	62.4%	73.2%
5-	177	20	157				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	195	14	3	92.8%	1.9%	88.1%	95.7%
1-2	178	17	7	83.8%	2.7%	77.7%	88.3%
2-3	154	10	5	78.3%	3.0%	71.7%	83.5%
3-4	139	13	9	70.8%	3.4%	63.6%	76.8%
4-5	117	5	5	67.7%	3.5%	60.4%	74.0%
5-	107	11	96				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	114	4	1	96.5%	1.7%	90.9%	98.7%
1-2	109	11	3	86.6%	3.2%	78.8%	91.7%
2-3	95	9	2	78.4%	3.9%	69.5%	85.0%
3-4	84	7	2	71.7%	4.3%	62.3%	79.2%
4-5	75	3	2	68.8%	4.5%	59.2%	76.6%
5-	70	9	61				

Histological stage

Rectal cancer, surgical cases

Histological stage IIIb

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	180	21	3	88.1%	2.4%	82.4%	92.1%
1-2	156	21	9	76.0%	3.2%	68.9%	81.7%
2-3	126	29	4	58.4%	3.8%	50.6%	65.4%
3-4	93	12	3	50.8%	3.9%	42.9%	58.1%
4-5	78	7	7	45.9%	3.9%	38.1%	53.4%
5-	64	7	57				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	108	14	3	86.7%	3.3%	78.6%	91.9%
1-2	91	15	3	72.3%	4.4%	62.7%	79.9%
2-3	73	18	0	54.5%	4.9%	44.4%	63.5%
3-4	55	6	2	48.4%	5.0%	38.4%	57.7%
4-5	47	5	2	43.2%	4.9%	33.4%	52.6%
5-	40	6	34				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	72	7	0	90.3%	3.5%	80.7%	95.2%
1-2	65	6	6	81.6%	4.6%	70.4%	88.9%
2-3	53	11	4	64.3%	5.9%	51.5%	74.5%
3-4	38	6	1	54.2%	6.3%	41.2%	65.4%
4-5	31	2	5	50.1%	6.4%	37.0%	61.8%
5-	24	1	23				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
CI=95 percent confidence interval

Histological stage IV

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	209	71	7	65.3%	3.3%	58.3%	71.4%
1-2	131	57	5	36.1%	3.4%	29.5%	42.8%
2-3	69	17	4	26.8%	3.2%	20.8%	33.2%
3-4	48	11	2	20.5%	3.0%	15.0%	26.5%
4-5	35	3	4	18.7%	2.9%	13.4%	24.6%
5-	28	9	19				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	138	42	5	68.9%	4.0%	60.4%	76.0%
1-2	91	41	1	37.7%	4.2%	29.5%	45.9%
2-3	49	14	3	26.4%	3.9%	19.1%	34.3%
3-4	32	7	2	20.4%	3.6%	13.8%	27.8%
4-5	23	1	4	19.4%	3.6%	13.0%	26.8%
5-	18	6	12				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	71	29	2	58.2%	5.9%	45.7%	68.7%
1-2	40	16	4	33.1%	5.8%	22.1%	44.5%
2-3	20	3	1	28.0%	5.6%	17.7%	39.3%
3-4	16	4	0	21.0%	5.2%	11.9%	31.9%
4-5	12	2	0	17.5%	4.9%	9.2%	28.0%
5-	10	3	7				

Surgical curability, histologically confirmed

Colon cancer, surgical cases

Curability A (cur A)

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1779	53	68	97.0%	0.4%	96.0%	97.7%
1-2	1658	70	51	92.8%	0.6%	91.4%	93.9%
2-3	1537	58	56	89.2%	0.8%	87.6%	90.6%
3-4	1423	43	55	86.5%	0.8%	84.7%	88.0%
4-5	1325	36	61	84.1%	0.9%	82.2%	85.8%
5-	1228	75	1153				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1018	36	42	96.4%	0.6%	95.0%	97.4%
1-2	940	46	36	91.6%	0.9%	89.6%	93.1%
2-3	858	34	34	87.9%	1.1%	85.6%	89.8%
3-4	790	29	29	84.6%	1.2%	82.1%	86.7%
4-5	732	24	38	81.7%	1.3%	79.1%	84.1%
5-	670	43	627				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	761	17	26	97.7%	0.6%	96.4%	98.6%
1-2	718	24	15	94.4%	0.9%	92.5%	95.9%
2-3	679	24	22	91.0%	1.1%	88.7%	92.9%
3-4	633	14	26	89.0%	1.2%	86.4%	91.0%
4-5	593	12	23	87.1%	1.3%	84.4%	89.4%
5-	558	32	526				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Curability B (cur B)

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	151	22	8	84.8%	3.0%	77.9%	89.7%
1-2	121	26	5	66.1%	4.0%	57.6%	73.2%
2-3	90	12	5	57.0%	4.2%	48.3%	64.8%
3-4	73	1	5	56.2%	4.2%	47.5%	64.0%
4-5	67	7	4	50.1%	4.4%	41.2%	58.2%
5-	56	11	45				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	62	10	2	83.5%	4.8%	71.5%	90.8%
1-2	50	9	2	68.0%	6.1%	54.5%	78.3%
2-3	39	5	2	59.0%	6.5%	45.3%	70.4%
3-4	32	1	3	57.0%	6.6%	43.2%	68.6%
4-5	28	5	3	46.2%	6.9%	32.4%	58.9%
5-	20	5	15				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	89	12	6	85.8%	3.8%	76.4%	91.7%
1-2	71	17	3	64.7%	5.3%	53.3%	74.0%
2-3	51	7	3	55.5%	5.6%	44.0%	65.6%
3-4	41	0	2	55.5%	5.6%	44.0%	65.6%
4-5	39	2	1	52.6%	5.6%	41.0%	62.9%
5-	36	6	30				

Surgical curability, histologically confirmed

Colon cancer, surgical cases

Curability C (cur C)

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	330	157	10	51.4%	2.8%	45.8%	56.7%
1-2	163	86	5	23.6%	2.4%	19.0%	28.4%
2-3	72	27	2	14.6%	2.0%	10.9%	18.8%
3-4	43	5	3	12.9%	1.9%	9.4%	16.9%
4-5	35	7	3	10.2%	1.8%	7.1%	14.0%
5-	25	4	21				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	185	88	4	51.6%	3.7%	44.1%	58.6%
1-2	93	46	1	25.9%	3.3%	19.7%	32.4%
2-3	46	19	1	15.1%	2.7%	10.3%	20.7%
3-4	26	5	1	12.2%	2.5%	7.9%	17.5%
4-5	20	7	2	7.8%	2.1%	4.4%	12.5%
5-	11	2	9				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	145	69	6	51.1%	4.2%	42.5%	59.0%
1-2	70	40	4	20.5%	3.5%	14.1%	27.7%
2-3	26	8	1	14.0%	3.1%	8.7%	20.6%
3-4	17	0	2	14.0%	3.1%	8.7%	20.6%
4-5	15	0	1	14.0%	3.1%	8.7%	20.6%
5-	14	2	12				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Surgical curability, histologically confirmed

Rectal cancer, surgical cases

Curability A (cur A)

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1187	44	28	96.2%	0.6%	95.0%	97.2%
1-2	1115	62	43	90.8%	0.9%	89.0%	92.3%
2-3	1010	57	34	85.6%	1.1%	83.4%	87.5%
3-4	919	44	33	81.4%	1.2%	79.0%	83.6%
4-5	842	21	35	79.4%	1.2%	76.9%	81.6%
5-	786	67	719				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	750	31	19	95.8%	0.7%	94.1%	97.0%
1-2	700	40	29	90.2%	1.1%	87.8%	92.2%
2-3	631	39	20	84.6%	1.4%	81.7%	87.0%
3-4	572	30	22	80.1%	1.5%	76.9%	82.8%
4-5	520	13	18	78.0%	1.6%	74.7%	80.9%
5-	489	45	444				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	437	13	9	97.0%	0.8%	94.9%	98.2%
1-2	415	22	14	91.8%	1.3%	88.7%	94.0%
2-3	379	18	14	87.3%	1.6%	83.8%	90.2%
3-4	347	14	11	83.8%	1.8%	79.8%	87.0%
4-5	322	8	17	81.6%	1.9%	77.5%	85.1%
5-	297	22	275				

Surgical curability, histologically confirmed

Rectal cancer, surgical cases

Curability B (cur B)

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	123	22	3	81.7%	3.5%	73.6%	87.6%
1-2	98	13	4	70.6%	4.2%	61.5%	77.9%
2-3	81	13	5	58.9%	4.6%	49.4%	67.2%
3-4	63	8	3	51.2%	4.7%	41.6%	60.0%
4-5	52	5	3	46.2%	4.8%	36.7%	55.2%
5-	44	9	35				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	88	17	2	80.3%	4.3%	70.2%	87.3%
1-2	69	11	1	67.4%	5.1%	56.4%	76.2%
2-3	57	9	3	56.4%	5.4%	45.2%	66.2%
3-4	45	6	3	48.5%	5.5%	37.4%	58.8%
4-5	36	4	3	43.0%	5.5%	32.1%	53.5%
5-	29	6	23				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	35	5	1	85.3%	6.1%	68.2%	93.6%
1-2	29	2	3	78.9%	7.1%	60.6%	89.3%
2-3	24	4	2	65.3%	8.6%	45.9%	79.1%
3-4	18	2	0	58.0%	9.0%	38.6%	73.2%
4-5	16	1	0	54.4%	9.1%	35.1%	70.1%
5-	15	3	12				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Curability C (cur C)

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	197	70	7	63.7%	3.5%	56.5%	70.1%
1-2	120	58	5	32.0%	3.4%	25.4%	38.7%
2-3	57	15	3	23.4%	3.2%	17.6%	29.8%
3-4	39	10	1	17.3%	2.9%	12.1%	23.3%
4-5	28	2	3	16.1%	2.8%	11.1%	21.9%
5-	23	6	17				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	115	36	6	67.8%	4.4%	58.3%	75.7%
1-2	73	40	2	30.2%	4.5%	21.8%	39.0%
2-3	31	10	3	20.3%	3.9%	13.2%	28.5%
3-4	18	5	0	14.6%	3.6%	8.5%	22.3%
4-5	13	0	2	14.6%	3.6%	8.5%	22.3%
5-	11	2	9				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	82	34	1	58.2%	5.5%	46.7%	68.0%
1-2	47	18	3	34.5%	5.4%	24.2%	45.0%
2-3	26	5	0	27.9%	5.1%	18.4%	38.1%
3-4	21	5	1	21.0%	4.7%	12.7%	30.8%
4-5	15	2	1	18.2%	4.5%	10.5%	27.7%
5-	12	4	8				

Macroscopic lymph node status of N0 and depth of tumor invasion

Colon cancer, surgical cases

N0 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	108	0	3	100.0%	.	.	.
1-2	105	0	1	100.0%	.	.	.
2-3	104	2	3	98.1%	1.4%	92.5%	99.5%
3-4	99	2	5	96.0%	2.0%	89.7%	98.5%
4-5	92	1	7	94.9%	2.2%	88.1%	97.8%
5-	84	0	84				

SM

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	229	3	10	98.7%	0.8%	95.9%	99.6%
1-2	216	1	13	98.2%	0.9%	95.3%	99.3%
2-3	202	1	6	97.7%	1.0%	94.6%	99.0%
3-4	195	1	9	97.2%	1.1%	93.9%	98.7%
4-5	185	3	11	95.6%	1.4%	91.7%	97.7%
5-	171	7	164				

MP

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	148	4	8	97.2%	1.4%	92.7%	98.9%
1-2	136	5	2	93.6%	2.1%	88.0%	96.6%
2-3	129	4	4	90.7%	2.5%	84.5%	94.5%
3-4	121	3	2	88.4%	2.7%	81.7%	92.7%
4-5	116	3	8	86.1%	3.0%	79.0%	90.9%
5-	105	10	95				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	201	3	13	98.5%	0.9%	95.3%	99.5%
1-2	185	10	2	93.1%	1.9%	88.4%	95.9%
2-3	173	6	6	89.8%	2.2%	84.5%	93.4%
3-4	161	4	5	87.6%	2.4%	81.9%	91.6%
4-5	152	3	7	85.8%	2.6%	79.8%	90.1%
5-	142	9	133				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	145	6	7	95.8%	1.7%	90.9%	98.1%
1-2	132	9	1	89.2%	2.6%	82.7%	93.4%
2-3	122	6	6	84.7%	3.1%	77.4%	89.7%
3-4	110	7	6	79.1%	3.5%	71.1%	85.1%
4-5	97	3	4	76.6%	3.7%	68.3%	82.9%
5-	90	1	89				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	35	3	0	91.4%	4.7%	75.7%	97.2%
1-2	32	5	1	76.9%	7.2%	59.0%	87.7%
2-3	26	1	0	73.9%	7.5%	55.8%	85.5%
3-4	25	1	0	70.9%	7.8%	52.7%	83.2%
4-5	24	2	0	65.0%	8.2%	46.7%	78.4%
5-	22	3	19				

Macroscopic lymph node status of N1 and depth of tumor invasion

Colon cancer, surgical cases

N1 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

SM

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	6	0	0	100.0%	.	.	.
1-2	6	0	1	100.0%	.	.	.
2-3	5	0	1	100.0%	.	.	.
3-4	4	0	0	100.0%	.	.	.
4-5	4	0	0	100.0%	.	.	.
5-	4	0	4				

MP

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	33	2	1	93.9%	4.2%	77.9%	98.5%
1-2	30	1	1	90.7%	5.1%	73.8%	96.9%
2-3	28	1	1	87.5%	5.9%	69.9%	95.1%
3-4	26	3	2	76.5%	7.8%	56.8%	88.1%
4-5	21	0	0	76.5%	7.8%	56.8%	88.1%
5-	21	1	20				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	188	9	4	95.1%	1.6%	90.9%	97.4%
1-2	175	5	2	92.4%	2.0%	87.5%	95.4%
2-3	168	8	7	87.8%	2.4%	82.1%	91.8%
3-4	153	3	9	86.1%	2.6%	80.1%	90.4%
4-5	141	2	7	84.8%	2.7%	78.6%	89.3%
5-	132	5	127				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	266	17	9	93.5%	1.5%	89.7%	95.9%
1-2	240	20	6	85.6%	2.2%	80.7%	89.4%
2-3	214	7	10	82.7%	2.4%	77.5%	86.8%
3-4	197	6	10	80.1%	2.5%	74.6%	84.6%
4-5	181	7	9	76.9%	2.7%	71.1%	81.7%
5-	165	10	155				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	59	5	2	91.3%	3.7%	80.3%	96.3%
1-2	52	4	4	84.0%	4.9%	71.5%	91.4%
2-3	44	1	4	82.1%	5.1%	69.2%	90.0%
3-4	39	5	2	71.3%	6.3%	56.8%	81.7%
4-5	32	0	3	71.3%	6.3%	56.8%	81.7%
5-	29	1	28				

Macroscopic lymph node status of N2 and depth of tumor invasion

Colon cancer, surgical cases

N2 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

SM

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1	0	0	100.0%	.	.	.
1-2	1	0	0	100.0%	.	.	.
2-3	1	0	0	100.0%	.	.	.
3-4	1	0	0	100.0%	.	.	.
4-5	1	0	0	100.0%	.	.	.
5-	1	0	1				

MP

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	7	0	0	100.0%	.	.	.
1-2	7	0	0	100.0%	.	.	.
2-3	7	1	0	85.7%	13.2%	33.4%	97.9%
3-4	6	0	0	85.7%	13.2%	33.4%	97.9%
4-5	6	0	0	85.7%	13.2%	33.4%	97.9%
5-	6	0	6				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	60	2	4	96.5%	2.4%	86.7%	99.1%
1-2	54	1	1	94.7%	3.0%	84.5%	98.3%
2-3	52	3	3	89.1%	4.2%	77.4%	95.0%
3-4	46	2	2	85.2%	4.9%	72.5%	92.3%
4-5	42	0	2	85.2%	4.9%	72.5%	92.3%
5-	40	4	36				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	110	4	4	96.3%	1.8%	90.5%	98.6%
1-2	102	9	3	87.6%	3.2%	79.6%	92.6%
2-3	90	9	6	78.5%	4.1%	69.2%	85.3%
3-4	75	1	1	77.5%	4.2%	68.0%	84.4%
4-5	73	3	2	74.3%	4.4%	64.5%	81.7%
5-	68	2	66				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	45	1	2	97.7%	2.3%	84.9%	99.7%
1-2	42	4	2	88.2%	5.0%	73.9%	94.9%
2-3	36	1	3	85.5%	5.5%	70.5%	93.2%
3-4	32	2	0	80.2%	6.3%	64.1%	89.6%
4-5	30	1	1	77.4%	6.7%	60.9%	87.6%
5-	28	1	27				

Macroscopic lymph node status of N3 and depth of tumor invasion

Colon cancer, surgical cases

N3 & P0, H0, M(-)

M

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

MP

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	1	0	0	100.0%	.	.
1-2	1	0	0	100.0%	.	.
2-3	1	0	0	100.0%	.	.
3-4	1	0	0	100.0%	.	.
4-5	1	0	1	.	.	.
5-	0					

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	8	0	2	100.0%	.	.	.
1-2	6	1	0	83.3%	15.2%	27.3%	97.5%
2-3	5	1	0	66.7%	19.3%	19.5%	90.4%
3-4	4	1	0	50.0%	20.4%	11.1%	80.4%
4-5	3	0	0	50.0%	20.4%	11.1%	80.4%
5-	3	0	3				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	25	2	0	92.0%	5.4%	71.6%	97.9%
1-2	23	4	0	76.0%	8.5%	54.2%	88.4%
2-3	19	1	1	72.0%	9.0%	50.1%	85.6%
3-4	17	3	0	59.3%	10.0%	37.5%	75.7%
4-5	14	2	0	50.8%	10.2%	29.9%	68.5%
5-	12	2	10				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	16	4	0	75.0%	10.8%	46.3%	89.8%
1-2	12	0	1	75.0%	10.8%	46.3%	89.8%
2-3	11	2	0	61.4%	12.4%	33.3%	80.5%
3-4	9	0	1	61.4%	12.4%	33.3%	80.5%
4-5	8	0	0	61.4%	12.4%	33.3%	80.5%
5-	8	0	8				

Macroscopic lymph node status of N4 and depth of tumor invasion

Colon cancer, surgical cases

N4 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	1	0	1	.	.	. .
1-2	0	0	0	.	.	. .
2-3	0	0	0	.	.	. .
3-4	0	0	0	.	.	. .
4-5	0	0	0	.	.	. .
5-	0	0	0			

MP

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	6	2	0	66.7%	19.3%	19.5%	90.4%
1-2	4	1	1	44.4%	22.2%	6.6%	78.5%
2-3	2	1	0	22.2%	19.3%	1.0%	61.5%
3-4	1	0	0	22.2%	19.3%	1.0%	61.5%
4-5	1	0	0	22.2%	19.3%	1.0%	61.5%
5-	1	0	1				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	10	5	0	50.0%	15.8%	18.4%	75.3%
1-2	5	2	0	30.0%	14.5%	7.1%	57.8%
2-3	3	1	0	20.0%	12.7%	3.1%	47.5%
3-4	2	0	2	20.0%	12.7%	3.1%	47.5%
4-5				20.0%	12.7%	3.1%	47.5%
5-							

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	7	3	0	57.1%	18.7%	17.2%	83.7%
1-2	4	0	1	57.1%	18.7%	17.2%	83.7%
2-3	3	1	0	38.1%	19.9%	6.1%	71.6%
3-4	2	0	0	38.1%	19.9%	6.1%	71.6%
4-5	2	0	0	38.1%	19.9%	6.1%	71.6%
5-	2	1	1				

Macroscopic lymph node status of N0 and depth of tumor invasion

Rectal cancer, surgical cases

N0 & P0, H0, M(-)

M

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	65	1	4	98.4%	1.6%	89.1%	99.8%
1-2	60	0	6	98.4%	1.6%	89.1%	99.8%
2-3	54	0	2	98.4%	1.6%	89.1%	99.8%
3-4	52	1	1	96.5%	2.5%	86.5%	99.1%
4-5	50	0	1	96.5%	2.5%	86.5%	99.1%
5-	49	1	48				

SM

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	144	1	6	99.3%	0.7%	95.0%	99.9%
1-2	137	2	4	97.8%	1.2%	93.4%	99.3%
2-3	131	6	7	93.3%	2.2%	87.4%	96.4%
3-4	118	2	3	91.7%	2.4%	85.4%	95.3%
4-5	113	0	8	91.7%	2.4%	85.4%	95.3%
5-	105	9	96				

MP

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	143	6	3	95.8%	1.7%	90.8%	98.1%
1-2	134	6	2	91.5%	2.4%	85.4%	95.1%
2-3	126	3	2	89.3%	2.6%	82.8%	93.4%
3-4	121	1	3	88.5%	2.7%	82.0%	92.8%
4-5	117	0	4	88.5%	2.7%	82.0%	92.8%
5-	113	3	110				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	149	6	1	96.0%	1.6%	91.2%	98.2%
1-2	142	8	3	90.5%	2.4%	84.5%	94.3%
2-3	131	6	6	86.3%	2.9%	79.5%	90.9%
3-4	119	3	4	84.0%	3.1%	76.9%	89.1%
4-5	112	5	3	80.3%	3.4%	72.7%	85.9%
5-	104	7	97				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	115	6	3	94.7%	2.1%	88.6%	97.6%
1-2	106	3	2	92.0%	2.6%	85.2%	95.8%
2-3	101	4	4	88.3%	3.1%	80.7%	93.0%
3-4	93	7	5	81.5%	3.7%	72.8%	87.7%
4-5	81	3	2	78.5%	4.0%	69.3%	85.2%
5-	76	5	71				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	13	2	0	84.6%	10.0%	51.2%	95.9%
1-2	11	2	0	69.2%	12.8%	37.3%	87.2%
2-3	9	3	0	46.2%	13.8%	19.2%	69.6%
3-4	6	0	1	46.2%	13.8%	19.2%	69.6%
4-5	5	0	0	46.2%	13.8%	19.2%	69.6%
5-	5	0	5				

Macroscopic lymph node status of N1 and depth of tumor invasion

Rectal cancer, surgical cases

N1 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	3	0	0	100.0%	.	. .
1-2	3	0	0	100.0%	.	. .
2-3	3	0	0	100.0%	.	. .
3-4	3	0	0	100.0%	.	. .
4-5	3	0	0	100.0%	.	. .
5-	3	0	3			

MP

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	43	1	1	97.7%	2.3%	84.6% 99.7%
1-2	41	2	2	92.9%	4.0%	79.6% 97.7%
2-3	37	1	0	90.4%	4.6%	76.4% 96.3%
3-4	36	2	3	85.1%	5.7%	69.7% 93.0%
4-5	31	1	0	82.3%	6.1%	66.4% 91.2%
5-	30	1	29			

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	142	9	2	93.6%	2.1%	88.1%	96.6%
1-2	131	10	7	86.3%	2.9%	79.3%	91.0%
2-3	114	8	4	80.2%	3.4%	72.4%	86.0%
3-4	102	8	6	73.6%	3.9%	65.2%	80.3%
4-5	88	6	3	68.5%	4.1%	59.7%	75.8%
5-	79	2	77				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	151	8	3	94.7%	1.8%	89.6%	97.3%
1-2	140	13	5	85.8%	2.9%	79.0%	90.5%
2-3	122	9	6	79.3%	3.4%	71.8%	85.1%
3-4	107	12	4	70.3%	3.9%	62.0%	77.1%
4-5	91	4	4	67.2%	4.0%	58.7%	74.3%
5-	83	14	69				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	31	3	1	90.2%	5.4%	72.6%	96.7%
1-2	27	6	0	70.2%	8.3%	50.5%	83.2%
2-3	21	6	1	50.1%	9.1%	31.4%	66.2%
3-4	14	1	1	46.5%	9.2%	28.2%	63.0%
4-5	12	0	2	46.5%	9.2%	28.2%	63.0%
5-	10	2	8				

Macroscopic lymph node status of N2 and depth of tumor invasion

Rectal cancer, surgical cases

N2 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

MP

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	6	0	0	100.0%	.	.
1-2	6	1	1	80.0%	17.9%	20.4% 96.9%
2-3	4	0	0	80.0%	17.9%	20.4% 96.9%
3-4	4	0	0	80.0%	17.9%	20.4% 96.9%
4-5	4	0	1	80.0%	17.9%	20.4% 96.9%
5-	3	1	2			

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	28	2	0	92.9%	4.9%	74.4%	98.2%
1-2	26	3	0	82.1%	7.2%	62.3%	92.2%
2-3	23	3	1	71.4%	8.5%	50.9%	84.6%
3-4	19	2	0	63.9%	9.2%	43.3%	78.7%
4-5	17	0	2	63.9%	9.2%	43.3%	78.7%
5-	15	1	14				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	44	3	0	93.2%	3.8%	80.3%	97.8%
1-2	41	8	2	74.9%	6.6%	59.3%	85.3%
2-3	31	3	1	67.6%	7.2%	51.4%	79.4%
3-4	27	2	0	62.6%	7.4%	46.3%	75.2%
4-5	25	2	1	57.6%	7.6%	41.3%	70.9%
5-	22	1	21				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	21	2	1	90.2%	6.6%	66.2%	97.5%
1-2	18	2	1	80.2%	8.9%	55.5%	92.1%
2-3	15	2	0	69.5%	10.4%	44.2%	85.0%
3-4	13	2	0	58.8%	11.2%	34.1%	76.9%
4-5	11	0	1	58.8%	11.2%	34.1%	76.9%
5-	10	3	7				

Macroscopic lymph node status of N3 and depth of tumor invasion

Rectal cancer, surgical cases

N3 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

MP

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	1	0	0	100.0%	.	. .
1-2	1	0	0	100.0%	.	. .
2-3	1	0	0	100.0%	.	. .
3-4	1	0	0	100.0%	.	. .
4-5	1	0	0	100.0%	.	. .
5-	1	1	0			

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	5	0	0	100.0%	.	.	.
1-2	5	2	0	60.0%	21.9%	12.6%	88.2%
2-3	3	1	1	40.0%	21.9%	5.2%	75.3%
3-4	1	1	0	0.0%	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	13	1	0	92.3%	7.4%	56.6%	98.9%
1-2	12	0	0	92.3%	7.4%	56.6%	98.9%
2-3	12	3	0	69.2%	12.8%	37.3%	87.2%
3-4	9	0	1	69.2%	12.8%	37.3%	87.2%
4-5	8	1	1	59.3%	14.3%	27.6%	81.0%
5-	6	1	5				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	10	3	0	70.0%	14.5%	32.9%	89.2%
1-2	7	2	0	50.0%	15.8%	18.4%	75.3%
2-3	5	2	1	30.0%	14.5%	7.1%	57.8%
3-4	2	0	0	30.0%	14.5%	7.1%	57.8%
4-5	2	0	0	30.0%	14.5%	7.1%	57.8%
5-	2	0	2				

Macroscopic lymph node status of N4 and depth of tumor invasion

Rectal cancer, surgical cases

N4 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

MP

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

SS/A1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	4	0	0	100.0%	.	.	.
1-2	4	0	0	100.0%	.	.	.
2-3	4	2	0	50.0%	25.0%	5.8%	84.5%
3-4	2	0	0	50.0%	25.0%	5.8%	84.5%
4-5	2	0	0	50.0%	25.0%	5.8%	84.5%
5-	2	1	1				

SE/A2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	8	4	0	50.0%	17.7%	15.2%	77.5%
1-2	4	2	0	25.0%	15.3%	3.7%	55.8%
2-3	2	1	0	12.5%	11.7%	0.7%	42.3%
3-4	1	0	0	12.5%	11.7%	0.7%	42.3%
4-5	1	0	1	.	.	.	.
5-	0	0	0				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	3	1	0	66.7%	27.2%	5.4%	94.5%
1-2	2	1	0	33.3%	27.2%	0.9%	77.4%
2-3	1	0	0	33.3%	27.2%	0.9%	77.4%
3-4	1	1	0	0.0%	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

Microscopic lymph node status of n0 and depth of tumor invasion

Colon cancer, surgical cases

n0 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	131	1	5	99.2%	0.8%	94.6%	99.9%
1-2	125	0	3	99.2%	0.8%	94.6%	99.9%
2-3	122	2	8	97.5%	1.4%	92.5%	99.2%
3-4	112	1	5	96.6%	1.7%	91.2%	98.7%
4-5	106	0	9	96.6%	1.7%	91.2%	98.7%
5-	97	2	95				

sm

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	194	1	8	99.5%	0.5%	96.3%	99.9%
1-2	185	2	9	98.4%	0.9%	95.0%	99.5%
2-3	174	2	2	97.2%	1.2%	93.5%	98.8%
3-4	170	3	8	95.5%	1.6%	91.2%	97.7%
4-5	159	2	8	94.3%	1.8%	89.6%	96.9%
5-	149	4	145				

mp

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	163	5	12	96.8%	1.4%	92.6%	98.7%
1-2	146	1	4	96.2%	1.5%	91.6%	98.3%
2-3	141	4	3	93.4%	2.0%	88.1%	96.4%
3-4	134	3	6	91.2%	2.3%	85.3%	94.8%
4-5	125	3	9	89.0%	2.6%	82.6%	93.1%
5-	113	9	104				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	442	13	17	97.0%	0.8%	94.9%	98.3%
1-2	412	14	7	93.7%	1.2%	90.9%	95.6%
2-3	391	11	17	91.0%	1.4%	87.8%	93.4%
3-4	363	5	13	89.7%	1.5%	86.4%	92.3%
4-5	345	11	19	86.8%	1.7%	83.1%	89.7%
5-	315	13	302				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	157	3	7	98.1%	1.1%	94.2%	99.4%
1-2	147	13	5	89.2%	2.6%	83.0%	93.2%
2-3	129	6	2	85.0%	3.0%	78.1%	89.9%
3-4	121	2	8	83.5%	3.1%	76.4%	88.7%
4-5	111	3	4	81.2%	3.3%	73.8%	86.7%
5-	104	4	100				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	38	3	0	92.1%	4.4%	77.5%	97.4%
1-2	35	4	0	81.6%	6.3%	65.2%	90.8%
2-3	31	0	3	81.6%	6.3%	65.2%	90.8%
3-4	28	3	0	72.8%	7.4%	55.3%	84.4%
4-5	25	2	3	66.9%	7.9%	49.0%	79.7%
5-	20	3	17				

Microscopic lymph node status of n1 and depth of tumor invasion

Colon cancer, surgical cases

n1 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1	0	0	100.0%	.	.	.
1-2	1	0	0	100.0%	.	.	.
2-3	1	0	0	100.0%	.	.	.
3-4	1	0	0	100.0%	.	.	.
4-5	1	0	0	100.0%	.	.	.
5-	1	0	1				

sm

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	16	1	0	93.8%	6.1%	63.2%	99.1%
1-2	15	0	0	93.8%	6.1%	63.2%	99.1%
2-3	15	0	1	93.8%	6.1%	63.2%	99.1%
3-4	14	0	1	93.8%	6.1%	63.2%	99.1%
4-5	13	0	1	93.8%	6.1%	63.2%	99.1%
5-	12	2	10				

mp

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	31	0	1	100.0%	.	.	.
1-2	30	2	0	93.3%	4.6%	75.9%	98.3%
2-3	28	0	1	93.3%	4.6%	75.9%	98.3%
3-4	27	0	0	93.3%	4.6%	75.9%	98.3%
4-5	27	0	1	93.3%	4.6%	75.9%	98.3%
5-	26	3	23				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	196	12	4	93.8%	1.7%	89.4%	96.4%
1-2	180	9	2	89.1%	2.3%	83.8%	92.8%
2-3	169	9	11	84.1%	2.7%	78.1%	88.6%
3-4	149	8	7	79.5%	3.0%	72.9%	84.6%
4-5	134	3	3	77.7%	3.1%	70.9%	83.1%
5-	128	9	119				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	99	8	8	91.4%	2.9%	83.6%	95.6%
1-2	83	15	4	74.6%	4.6%	64.2%	82.3%
2-3	64	5	0	68.7%	4.9%	58.0%	77.3%
3-4	59	4	4	64.0%	5.1%	53.0%	73.0%
4-5	51	4	1	59.0%	5.3%	47.8%	68.5%
5-	46	4	42				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	18	3	0	83.3%	8.8%	56.8%	94.3%
1-2	15	1	1	77.4%	10.0%	50.3%	90.9%
2-3	13	1	0	71.4%	10.8%	44.3%	87.0%
3-4	12	3	0	53.6%	12.1%	28.2%	73.5%
4-5	9	0	0	53.6%	12.1%	28.2%	73.5%
5-	9	0	9				

Microscopic lymph node status of n2 and depth of tumor invasion

Colon cancer, surgical cases

n2 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

sm

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	4	0	0	100.0%	.	.	.
1-2	4	0	0	100.0%	.	.	.
2-3	4	0	0	100.0%	.	.	.
3-4	4	0	0	100.0%	.	.	.
4-5	4	0	0	100.0%	.	.	.
5-	4	1	3				

mp

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	12	0	2	100.0%	.	.	.
1-2	10	0	0	100.0%	.	.	.
2-3	10	0	0	100.0%	.	.	.
3-4	10	0	0	100.0%	.	.	.
4-5	10	0	0	100.0%	.	.	.
5-	10	0	10				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	62	3	3	95.0%	2.8%	85.2%	98.4%
1-2	56	5	1	86.3%	4.5%	74.5%	92.9%
2-3	50	3	7	80.4%	5.3%	67.4%	88.7%
3-4	40	1	2	78.4%	5.6%	65.0%	87.2%
4-5	37	1	1	76.3%	5.8%	62.6%	85.6%
5-	35	1	34				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	45	4	0	91.1%	4.2%	78.0%	96.6%
1-2	41	4	1	82.1%	5.8%	67.3%	90.6%
2-3	36	5	0	70.7%	6.9%	54.9%	81.8%
3-4	31	4	0	61.5%	7.3%	45.6%	74.1%
4-5	27	2	1	57.0%	7.5%	41.2%	70.0%
5-	24	0	24				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	9	1	0	88.9%	10.5%	43.3%	98.4%
1-2	8	1	1	77.8%	13.9%	36.5%	93.9%
2-3	6	1	1	64.8%	16.5%	25.3%	87.2%
3-4	4	0	0	64.8%	16.5%	25.3%	87.2%
4-5	4	0	0	64.8%	16.5%	25.3%	87.2%
5-	4	0	4				

Microscopic lymph node status of n3 and depth of tumor invasion
 Colon cancer, surgical cases

n3 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

mp

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	19	0	1	100.0%	.	.	.
1-2	18	2	1	88.2%	7.8%	60.6%	96.9%
2-3	15	3	1	70.6%	11.1%	43.2%	86.6%
3-4	11	1	0	64.2%	11.8%	36.9%	82.1%
4-5	10	1	1	57.8%	12.2%	31.1%	77.3%
5-	8	1	7				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	17	2	0	88.2%	7.8%	60.6%	96.9%
1-2	15	6	1	52.3%	12.3%	26.8%	72.7%
2-3	8	3	1	31.4%	12.0%	10.9%	54.5%
3-4	4	1	0	23.5%	11.3%	6.3%	47.0%
4-5	3	0	0	23.5%	11.3%	6.3%	47.0%
5-	3	1	2				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	4	1	0	75.0%	21.7%	12.8%	96.1%
1-2	3	1	0	50.0%	25.0%	5.8%	84.5%
2-3	2	0	0	50.0%	25.0%	5.8%	84.5%
3-4	2	0	0	50.0%	25.0%	5.8%	84.5%
4-5	2	0	0	50.0%	25.0%	5.8%	84.5%
5-	2	0	2				

Microscopic lymph node status of n4 and depth of tumor invasion

Colon cancer, surgical cases

n4 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	1	0	0	100.0%	.	.
1-2	1	0	0	100.0%	.	.
2-3	1	0	0	100.0%	.	.
3-4	1	0	0	100.0%	.	.
4-5	1	0	0	100.0%	.	.
5-	1	0	1			

mp

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	1	0	0	100.0%	.	.
1-2	1	0	1	.	.	.
2-3	0	0	0	.	.	.
3-4	0	0	0	.	.	.
4-5	0	0	0	.	.	.
5-	0	0	0			

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	8	4	0	50.0%	17.7%	15.2%	77.5%
1-2	4	1	0	37.5%	17.1%	8.7%	67.4%
2-3	3	2	0	12.5%	11.7%	0.7%	42.3%
3-4	1	0	0	12.5%	11.7%	0.7%	42.3%
4-5	1	0	0	12.5%	11.7%	0.7%	42.3%
5-	1	0	1				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	4	2	0	50.0%	25.0%	5.8%	84.5%
1-2	2	0	0	50.0%	25.0%	5.8%	84.5%
2-3	2	0	0	50.0%	25.0%	5.8%	84.5%
3-4	2	1	0	25.0%	21.7%	0.9%	66.5%
4-5	1	0	0	25.0%	21.7%	0.9%	66.5%
5-	1	0	1				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2	1	0	50.0%	35.4%	0.6%	91.0%
1-2	1	0	0	50.0%	35.4%	0.6%	91.0%
2-3	1	1	0	0.0%	.	.	.
3-4	0	0	0	.	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

Microscopic lymph node status of n0 and depth of tumor invasion

Rectal cancer, surgical cases

n0 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	70	2	5	97.0%	2.1%	88.4%	99.2%
1-2	63	0	3	97.0%	2.1%	88.4%	99.2%
2-3	60	0	4	97.0%	2.1%	88.4%	99.2%
3-4	56	1	3	95.2%	2.7%	85.8%	98.4%
4-5	52	0	0	95.2%	2.7%	85.8%	98.4%
5-	52	3	49				

sm

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	117	1	2	99.1%	0.9%	94.0%	99.9%
1-2	114	3	4	96.5%	1.7%	91.0%	98.7%
2-3	107	3	4	93.8%	2.3%	87.3%	97.0%
3-4	100	2	2	91.9%	2.6%	84.9%	95.7%
4-5	96	0	8	91.9%	2.6%	84.9%	95.7%
5-	88	3	85				

mp

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	166	9	5	94.5%	1.8%	89.7%	97.1%
1-2	152	3	2	92.6%	2.1%	87.3%	95.7%
2-3	147	5	5	89.4%	2.4%	83.6%	93.3%
3-4	137	1	3	88.8%	2.5%	82.8%	92.8%
4-5	133	1	3	88.1%	2.6%	82.0%	92.3%
5-	129	7	122				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	211	4	2	98.1%	1.0%	95.0%	99.3%
1-2	205	12	7	92.3%	1.9%	87.7%	95.2%
2-3	186	4	9	90.2%	2.1%	85.2%	93.6%
3-4	173	4	5	88.1%	2.3%	82.8%	91.9%
4-5	164	6	3	84.9%	2.6%	79.0%	89.2%
5-	155	11	144				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	91	5	3	94.5%	2.4%	87.3%	97.7%
1-2	83	4	1	90.0%	3.2%	81.6%	94.6%
2-3	78	3	3	86.4%	3.7%	77.3%	92.0%
3-4	72	7	5	77.7%	4.5%	67.3%	85.2%
4-5	60	1	4	76.3%	4.7%	65.7%	84.1%
5-	55	5	50				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	16	2	1	87.1%	8.6%	57.3%	96.6%
1-2	13	2	0	73.7%	11.3%	44.1%	89.2%
2-3	11	1	1	66.3%	12.4%	36.8%	84.5%
3-4	9	1	0	58.9%	13.0%	30.2%	79.2%
4-5	8	0	1	58.9%	13.0%	30.2%	79.2%
5-	7	2	5				

Microscopic lymph node status of n1 and depth of tumor invasion

Rectal cancer, surgical cases

n1& P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2	0	0	100.0%	.	.	.
1-2	2	0	0	100.0%	.	.	.
2-3	2	0	0	100.0%	.	.	.
3-4	2	0	0	100.0%	.	.	.
4-5	2	0	0	100.0%	.	.	.
5-	2	0	2				

sm

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	16	0	0	100.0%	.	.	.
1-2	16	2	1	87.1%	8.6%	57.3%	96.6%
2-3	13	0	2	87.1%	8.6%	57.3%	96.6%
3-4	11	0	0	87.1%	8.6%	57.3%	96.6%
4-5	11	0	0	87.1%	8.6%	57.3%	96.6%
5-	11	0	11				

mp

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	47	3	1	93.6%	3.6%	81.5%	97.9%
1-2	43	0	1	93.6%	3.6%	81.5%	97.9%
2-3	42	2	0	89.2%	4.6%	75.9%	95.3%
3-4	40	0	3	89.2%	4.6%	75.9%	95.3%
4-5	37	0	0	89.2%	4.6%	75.9%	95.3%
5-	37	2	35				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	102	3	0	97.1%	1.7%	91.2%	99.0%
1-2	99	7	4	90.1%	3.0%	82.4%	94.6%
2-3	88	9	2	80.8%	4.0%	71.5%	87.3%
3-4	77	9	4	71.1%	4.6%	61.0%	79.1%
4-5	64	2	5	68.8%	4.8%	58.5%	77.1%
5-	57	1	56				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	85	5	1	94.1%	2.6%	86.4%	97.5%
1-2	79	13	3	78.3%	4.5%	67.8%	85.8%
2-3	63	5	2	72.1%	5.0%	61.0%	80.5%
3-4	56	7	2	62.9%	5.4%	51.3%	72.4%
4-5	47	5	0	56.2%	5.6%	44.5%	66.3%
5-	42	11	31				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	8	1	0	87.5%	11.7%	38.7%	98.1%
1-2	7	3	0	50.0%	17.7%	15.2%	77.5%
2-3	4	1	0	37.5%	17.1%	8.7%	67.4%
3-4	3	0	1	37.5%	17.1%	8.7%	67.4%
4-5	2	0	0	37.5%	17.1%	8.7%	67.4%
5-	2	0	2				

Microscopic lymph node status of n2 and depth of tumor invasion

Rectal cancer, surgical cases

n2 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

sm

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	5	0	0	100.0%	.	.	.
1-2	5	0	1	100.0%	.	.	.
2-3	4	1	0	75.0%	21.7%	12.8%	96.1%
3-4	3	0	0	75.0%	21.7%	12.8%	96.1%
4-5	3	0	0	75.0%	21.7%	12.8%	96.1%
5-	3	0	3				

mp

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	15	0	0	100.0%	.	.	.
1-2	15	1	0	93.3%	6.4%	61.3%	99.0%
2-3	14	1	0	86.7%	8.8%	56.4%	96.5%
3-4	13	1	1	80.0%	10.3%	50.0%	93.1%
4-5	11	1	1	72.7%	11.7%	42.5%	88.8%
5-	9	1	8				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	42	6	1	85.4%	5.5%	70.3%	93.1%
1-2	35	4	1	75.6%	6.7%	59.4%	86.1%
2-3	30	7	1	57.8%	7.8%	41.1%	71.3%
3-4	22	3	0	49.9%	8.0%	33.6%	64.2%
4-5	19	1	1	47.1%	8.0%	31.0%	61.6%
5-	17	1	16				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	49	8	1	83.3%	5.4%	69.4%	91.3%
1-2	40	6	4	69.8%	6.8%	54.4%	80.9%
2-3	30	8	0	51.2%	7.5%	35.8%	64.7%
3-4	22	5	1	39.6%	7.4%	25.3%	53.6%
4-5	16	2	1	34.5%	7.3%	20.8%	48.5%
5-	13	1	12				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	8	2	0	75.0%	15.3%	31.5%	93.1%
1-2	6	2	1	50.0%	17.7%	15.2%	77.5%
2-3	3	1	0	33.3%	18.0%	5.6%	65.8%
3-4	2	0	0	33.3%	18.0%	5.6%	65.8%
4-5	2	0	1	33.3%	18.0%	5.6%	65.8%
5-	1	0	1				

Microscopic lymph node status of n3 and depth of tumor invasion

Rectal cancer, surgical cases

n3 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	1	0	0	100.0%	.	. .
1-2	1	1	0	0.0%.	.	. .
2-3	0	0	0	.	.	. .
3-4	0	0	0	.	.	. .
4-5	0	0	0	.	.	. .
5-	0	0	0			

mp

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	3	0	0	100.0%	.	. .
1-2	3	0	0	100.0%	.	. .
2-3	3	0	0	100.0%	.	. .
3-4	3	0	0	100.0%	.	. .
4-5	3	0	0	100.0%	.	. .
5-	3	1	2			

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	7	0	0	100.0%	.	.	.
1-2	7	2	0	71.4%	17.1%	25.8%	92.0%
2-3	5	2	1	38.1%	19.9%	6.1%	71.6%
3-4	2	1	0	19.1%	16.8%	0.9%	55.6%
4-5	1	0	1	.	.	.	.
5-	0	0	0				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	18	3	0	83.3%	8.8%	56.8%	94.3%
1-2	15	3	0	66.7%	11.1%	40.4%	83.4%
2-3	12	3	1	49.4%	11.9%	25.2%	69.7%
3-4	8	0	1	49.4%	11.9%	25.2%	69.7%
4-5	7	1	2	39.5%	13.0%	15.6%	62.9%
5-	4	1	3				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	6	1	0	83.3%	15.2%	27.3%	97.5%
1-2	5	0	0	83.3%	15.2%	27.3%	97.5%
2-3	5	2	1	50.0%	20.4%	11.1%	80.4%
3-4	2	0	0	50.0%	20.4%	11.1%	80.4%
4-5	2	1	0	25.0%	20.4%	1.2%	64.6%
5-	1	0	1				

Microscopic lymph node status of n4 and depth of tumor invasion

Rectal cancer, surgical cases

n4 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

mp

Year	Alive	Died	Lost	SR	SE	95%CI
0-1	1	0	0	100.0%	.	. .
1-2	1	0	0	100.0%	.	. .
2-3	1	0	0	100.0%	.	. .
3-4	1	1	0	0.0%	.	. .
4-5	0	0	0	.	.	. .
5-	0	0	0			

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	3	0	0	100.0%	.	.	.
1-2	3	1	0	66.7%	27.2%	5.4%	94.5%
2-3	2	0	0	66.7%	27.2%	5.4%	94.5%
3-4	2	1	0	33.3%	27.2%	0.9%	77.4%
4-5	1	0	0	33.3%	27.2%	0.9%	77.4%
5-	1	1	0				

se/a2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	13	3	1	75.5%	12.3%	41.6%	91.4%
1-2	9	5	0	33.6%	13.7%	10.4%	59.1%
2-3	4	3	0	8.4%	8.0%	0.5%	31.3%
3-4	1	0	0	8.4%	8.0%	0.5%	31.3%
4-5	1	0	1	.	.	.	.
5-	0	0	0				

si/ai

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

Liver metastasis (synchronous)

Colon cancer, surgical cases

H0

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2036	118	81	94.1%	0.5%	92.9%	95.0%
1-2	1837	119	57	87.9%	0.7%	86.3%	89.2%
2-3	1661	78	67	83.6%	0.8%	81.9%	85.2%
3-4	1516	49	59	80.9%	0.9%	79.0%	82.6%
4-5	1408	44	68	78.3%	1.0%	76.4%	80.1%
5-	1296	82	1214				

H1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	79	17	6	77.5%	4.8%	66.3%	85.4%
1-2	56	24	3	43.0%	5.9%	31.3%	54.1%
2-3	29	5	1	35.4%	5.8%	24.4%	46.6%
3-4	23	0	4	35.4%	5.8%	24.4%	46.6%
4-5	19	2	1	31.5%	5.8%	20.7%	42.8%
5-	16	5	11				

H2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	47	15	0	68.1%	6.8%	52.8%	79.4%
1-2	32	13	2	38.9%	7.3%	24.9%	52.7%
2-3	17	9	0	18.3%	5.8%	8.6%	30.9%
3-4	8	0	2	18.3%	5.8%	8.6%	30.9%
4-5	6	1	0	15.3%	5.6%	6.4%	27.7%
5-	5	3	2				

H3

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	138	94	1	31.5%	4.0%	23.9%	39.3%
1-2	43	30	1	9.1%	2.5%	5.0%	14.7%
2-3	12	8	0	3.0%	1.5%	1.0%	7.0%
3-4	4	2	0	1.5%	1.1%	0.3%	4.9%
4-5	2	1	0	0.8%	0.8%	0.1%	3.8%
5-	1	1	0				

Liver metastasis (synchronous)

Rectal cancer, surgical cases

H0

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1343	85	35	93.6%	0.7%	92.1%	94.8%
1-2	1223	92	46	86.4%	1.0%	84.4%	88.2%
2-3	1085	73	39	80.5%	1.1%	78.2%	82.6%
3-4	973	54	34	76.0%	1.2%	73.5%	78.2%
4-5	885	25	36	73.8%	1.3%	71.2%	76.1%
5-	824	72	752				

H1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	54	13	0	75.9%	5.8%	62.2%	85.2%
1-2	41	13	2	51.2%	6.9%	37.0%	63.6%
2-3	26	6	2	38.4%	6.9%	25.2%	51.5%
3-4	18	5	1	27.1%	6.4%	15.5%	40.1%
4-5	12	2	0	22.6%	6.1%	12.0%	35.3%
5-	10	3	7				

H2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	25	7	1	71.8%	9.1%	49.7%	85.4%
1-2	17	6	1	45.7%	10.3%	25.3%	64.1%
2-3	10	3	1	31.4%	9.9%	13.9%	50.6%
3-4	6	0	1	31.4%	9.9%	13.9%	50.6%
4-5	5	1	1	25.1%	9.7%	9.2%	45.0%
5-	3	2	1				

H3

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	72	32	3	54.2%	6.0%	41.8%	65.0%
1-2	37	24	2	17.1%	4.7%	9.2%	27.1%
2-3	11	4	1	10.5%	3.9%	4.5%	19.5%
3-4	6	2	0	7.0%	3.3%	2.3%	15.2%
4-5	4	0	2	7.0%	3.3%	2.3%	15.2%
5-	2	0	2				

Peritoneal metastasis (synchronous)

Colon cancer, surgical cases

P0

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2087	163	80	92.0%	0.6%	90.7%	93.1%
1-2	1844	144	59	84.7%	0.8%	83.0%	86.2%
2-3	1641	86	67	80.1%	0.9%	78.3%	81.8%
3-4	1488	48	61	77.5%	1.0%	75.6%	79.3%
4-5	1379	41	66	75.1%	1.0%	73.2%	77.0%
5-	1272	87	1185				

P1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	56	22	3	59.0%	6.7%	44.6%	70.8%
1-2	31	10	2	38.8%	6.8%	25.6%	51.8%
2-3	19	2	1	34.6%	6.7%	21.9%	47.6%
3-4	16	1	0	32.4%	6.6%	20.1%	45.4%
4-5	15	2	1	27.8%	6.4%	16.1%	40.7%
5-	12	2	10				

P2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	37	12	0	67.6%	7.7%	50.0%	80.1%
1-2	25	12	2	33.6%	8.0%	18.8%	49.1%
2-3	11	4	0	21.4%	7.0%	9.6%	36.2%
3-4	7	0	1	21.4%	7.0%	9.6%	36.2%
4-5	6	3	1	10.7%	5.6%	2.9%	24.4%
5-	2	0	2				

P3

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	65	42	5	32.4%	6.0%	21.1%	44.3%
1-2	18	15	0	5.4%	3.0%	1.4%	13.5%
2-3	3	1	0	3.6%	2.5%	0.7%	11.0%
3-4	2	0	0	3.6%	2.5%	0.7%	11.0%
4-5	2	0	0	3.6%	2.5%	0.7%	11.0%
5-	2	0	2				

Peritoneal metastasis (synchronous)

Rectal cancer, surgical cases

P0

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1411	112	32	91.9%	0.7%	90.4%	93.3%
1-2	1267	125	50	82.7%	1.0%	80.6%	84.6%
2-3	1092	80	43	76.5%	1.2%	74.2%	78.7%
3-4	969	59	34	71.8%	1.2%	69.3%	74.1%
4-5	876	25	38	69.7%	1.3%	67.1%	72.1%
5-	813	70	743				

P1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	25	11	0	56.0%	9.9%	34.8%	72.7%
1-2	14	3	0	44.0%	9.9%	24.5%	61.9%
2-3	11	3	0	32.0%	9.3%	15.2%	50.2%
3-4	8	1	0	28.0%	9.0%	12.4%	46.0%
4-5	7	1	0	24.0%	8.5%	9.8%	41.7%
5-	6	1	5				

P2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	6	3	0	50.0%	20.4%	11.1%	80.4%
1-2	3	2	1	0.0%	.	.	.
2-3	0	0	0	.	.	.	.
3-4	0	0	0	.	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

P3

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	6	4	1	22.2%	19.3%	1.0%	61.5%
1-2	1	1	0	0.0%	.	.	.
2-3	0	0	0	.	.	.	.
3-4	0	0	0	.	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

Lung metastasis (synchronous)

Colon cancer, surgical cases

PM0

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2121	204	86	90.1%	0.7%	88.8%	91.4%
1-2	1831	169	51	81.7%	0.9%	79.9%	83.3%
2-3	1611	88	66	77.1%	0.9%	75.2%	78.9%
3-4	1457	49	64	74.5%	1.0%	72.5%	76.3%
4-5	1344	44	68	72.0%	1.0%	69.9%	73.9%
5-	1232	69	1163				

PM1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	15	6	1	60.0%	12.7%	31.8%	79.7%
1-2	8	4	0	30.0%	12.4%	9.5%	54.0%
2-3	4	2	0	15.0%	9.7%	2.5%	37.9%
3-4	2	0	0	15.0%	9.7%	2.5%	37.9%
4-5	2	1	0	7.5%	7.2%	0.5%	28.5%
5-	1	0	1				

PM2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	3	2	0	33.3%	27.2%	0.9%	77.4%
1-2	1	0	0	33.3%	27.2%	0.9%	77.4%
2-3	1	1	0	0.0%	.	.	.
3-4	0	0	0	.	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

PM3

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	17	16	0	5.9%	5.7%	0.4%	23.5%
1-2	1	1	0	0.0%	.	.	.
2-3	0	0	0	.	.	.	.
3-4	0	0	0	.	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

Lung metastasis (synchronous)

Rectal cancer, surgical cases

PM0

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1385	119	34	91.3%	0.8%	89.6%	92.7%
1-2	1232	118	42	82.4%	1.0%	80.2%	84.3%
2-3	1072	81	42	76.1%	1.2%	73.7%	78.3%
3-4	949	56	36	71.5%	1.3%	69.0%	73.9%
4-5	857	25	39	69.4%	1.3%	66.8%	71.8%
5-	793	70	723				

PM1

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	15	5	0	66.7%	12.2%	37.5%	84.6%
1-2	10	7	0	20.0%	10.3%	4.9%	42.4%
2-3	3	0	0	20.0%	10.3%	4.9%	42.4%
3-4	3	1	0	13.3%	8.8%	2.2%	34.6%
4-5	2	0	0	13.3%	8.8%	2.2%	34.6%
5-	2	0	2				

PM2

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2	1	0	50.0%	35.4%	0.6%	91.0%
1-2	1	0	0	50.0%	35.4%	0.6%	91.0%
2-3	1	0	0	50.0%	35.4%	0.6%	91.0%
3-4	1	0	0	50.0%	35.4%	0.6%	91.0%
4-5	1	1	0	0.0%		.	.
5-	0	0	0				

PM3

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	9	4	2	44.4%	18.9%	10.4%	74.8%
1-2	3	3	0	0.0%	.	.	.
2-3	0	0	0	.	.	.	.
3-4	0	0	0	.	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

Distant metastasis (synchronous)

Colon cancer, surgical cases

M(-)

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	2190	214	85	90.0%	0.7%	88.7%	91.2%
1-2	1891	171	63	81.7%	0.8%	80.0%	83.3%
2-3	1657	91	66	77.1%	0.9%	75.2%	78.9%
3-4	1500	49	61	74.5%	1.0%	72.6%	76.4%
4-5	1390	45	68	72.1%	1.0%	70.1%	74.0%
5-	1277	89	1188				

M(+)

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	14	7	2	43.3%	14.4%	16.2%	68.0%
1-2	5	4	0	8.7%	8.3%	0.5%	32.0%
2-3	1	1	0	0.0%	.	.	.
3-4	0	0	0	.	.	.	.
4-5	0	0	0	.	.	.	.
5-	0	0	0				

Distant metastasis (synchronous)

Rectal cancer, surgical cases

M (-)

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1436	120	32	91.5%	0.7%	89.9%	92.9%
1-2	1284	128	50	82.2%	1.0%	80.1%	84.1%
2-3	1106	83	42	76.0%	1.2%	73.6%	78.1%
3-4	981	56	35	71.5%	1.2%	69.1%	73.9%
4-5	890	26	39	69.4%	1.3%	66.9%	71.8%
5-	825	77	748				

M(+)

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	11	4	2	57.7%	16.3%	22.1%	81.9%
1-2	5	0	0	57.7%	16.3%	22.1%	81.9%
2-3	5	0	0	57.7%	16.3%	22.1%	81.9%
3-4	5	1	0	46.2%	16.7%	14.5%	73.4%
4-5	4	0	0	46.2%	16.7%	14.5%	73.4%
5-	4	0	4				

Endoscopic resection

Colon cancer, treated by endoscopy alone

m

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	282	1	37	99.6%	0.4%	97.2%	99.9%
1-2	244	1	18	99.2%	0.6%	96.8%	99.8%
2-3	225	2	13	98.3%	0.9%	95.4%	99.3%
3-4	210	1	21	97.8%	1.0%	94.7%	99.1%
4-5	188	0	28	97.8%	1.0%	94.7%	99.1%
5-	160	4	156				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	214	1	27	99.5%	0.5%	96.3%	99.9%
1-2	186	1	16	98.9%	0.8%	95.8%	99.7%
2-3	169	1	10	98.3%	1.0%	94.8%	99.5%
3-4	158	1	17	97.7%	1.2%	93.9%	99.1%
4-5	140	0	20	97.7%	1.2%	93.9%	99.1%
5-	120	2	118				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	68	0	10	100.0%	.	.	.
1-2	58	0	2	100.0%	.	.	.
2-3	56	1	3	98.1%	1.9%	87.4%	99.7%
3-4	52	0	4	98.1%	1.9%	87.4%	99.7%
4-5	48	0	8	98.1%	1.9%	87.4%	99.7%
5-	40	2	38				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%
 CI=95 percent confidence interval

sm

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	47	2	7	95.1%	3.4%	81.7%	98.7%
1-2	38	0	2	95.1%	3.4%	81.7%	98.7%
2-3	36	1	3	92.3%	4.3%	77.8%	97.5%
3-4	32	1	3	89.4%	5.0%	74.0%	95.9%
4-5	28	0	5	89.4%	5.0%	74.0%	95.9%
5-	23	0	23				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	33	2	3	93.3%	4.6%	75.9%	98.3%
1-2	28	0	2	93.3%	4.6%	75.9%	98.3%
2-3	26	1	3	89.4%	5.8%	70.6%	96.5%
3-4	22	0	1	89.4%	5.8%	70.6%	96.5%
4-5	21	0	3	89.4%	5.8%	70.6%	96.5%
5-	18	0	18				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	14	0	4	100.0%	.	.	.
1-2	10	0	0	100.0%	.	.	.
2-3	10	0	0	100.0%	.	.	.
3-4	10	1	2	90.0%	9.5%	47.3%	98.5%
4-5	7	0	2	90.0%	9.5%	47.3%	98.5%
5-	5	0	5				

Endoscopic resection

Rectal cancer, treated by endoscopy alone

m

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	101	1	8	99.0%	1.0%	93.0%	99.9%
1-2	92	0	6	99.0%	1.0%	93.0%	99.9%
2-3	86	2	4	96.6%	1.9%	89.8%	98.9%
3-4	80	1	3	95.4%	2.3%	88.1%	98.2%
4-5	76	1	10	94.0%	2.6%	86.1%	97.5%
5-	65	0	65				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	76	1	6	98.7%	1.3%	90.8%	99.8%
1-2	69	0	6	98.7%	1.3%	90.8%	99.8%
2-3	63	1	3	97.1%	2.1%	88.7%	99.3%
3-4	59	0	3	97.1%	2.1%	88.7%	99.3%
4-5	56	1	9	95.2%	2.8%	85.6%	98.4%
5-	46	0	46				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	25	0	2	100.0%	.	.	.
1-2	23	1	1	100.0%	.	.	.
2-3	21	1	0	95.5%	4.4%	71.9%	99.4%
3-4	20	0	1	90.9%	6.1%	68.3%	97.7%
4-5	19	0	19	90.9%	6.1%	68.3%	97.7%
5-							

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

sm

Males and females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	20	0	3	100.0%	.	.	.
1-2	17	1	2	93.3%	6.4%	61.3%	99.0%
2-3	14	0	2	93.3%	6.4%	61.3%	99.0%
3-4	12	0	0	93.3%	6.4%	61.3%	99.0%
4-5	12	0	0	93.3%	6.4%	61.3%	99.0%
5-	12	0	12				

Males

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	10	0	2	100.0%	.	.	.
1-2	8	1	1	85.7%	13.2%	33.4%	97.9%
2-3	6	0	2	85.7%	13.2%	33.4%	97.9%
3-4	4	0	0	85.7%	13.2%	33.4%	97.9%
4-5	4	0	0	85.7%	13.2%	33.4%	97.9%
5-	4	0	4				

Females

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	10	0	1	100.0%	.	.	.
1-2	9	0	1	100.0%	.	.	.
2-3	8	0	0	100.0%	.	.	.
3-4	8	0	0	100.0%	.	.	.
4-5	8	0	0	100.0%	.	.	.
5-	8	0	8				

Colon and rectal cancer at institutes with high proportion for follow-up (> 90%), surgical cases

Colon cancer

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1919	214	59	88.6%	0.7%	87.1%	90.0%
1-2	1646	160	47	79.9%	0.9%	78.0%	81.6%
2-3	1439	86	46	75.0%	1.0%	73.0%	76.9%
3-4	1307	39	53	72.7%	1.0%	70.6%	74.7%
4-5	1215	42	52	70.2%	1.1%	68.0%	72.2%
5-	1121	78	1043				

Rectal cancer

Year	Alive	Died	Lost	SR	SE	95%CI	
0-1	1273	118	25	90.6%	0.8%	88.9%	92.1%
1-2	1130	123	41	80.6%	1.1%	78.3%	82.7%
2-3	966	71	32	74.6%	1.3%	72.1%	76.9%
3-4	863	54	25	69.9%	1.3%	67.2%	72.4%
4-5	784	22	28	67.9%	1.4%	65.2%	70.4%
5-	734	71	663				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

Participating institutes

(in alphabetical order)

Institutes	Department
Aichi Cancer Center	Gastrointestinal Surgery
Aichi Prefectural Hospital	Surgery
Aomori City Hospital	Surgery
Asahikawa Kosei Hospital	Gastrointestine
Chiba Cancer Center	Gastrointestinal Surgery
Coloproctology Center, Social Insurance Central Hospital	Surgery
Coloproctology Center, Takano Hospital	
Dokkyo University School of Medicine	2nd Surgery
Faculty of Medicine, Mie University	2nd Surgery
Faculty of Medicine, University of Tokyo	Oncological Surgery
Fujita Health University School of Medicine	Surgery
Fukui Medical School	1st Surgery
Fukuoka University, Chikushi Hospital	Surgery
Fukuoka University, Chikushi Hospital	Gastrointestine
Fukushima Medical University	1st Surgery
Gifu University School of Medicine	1st Surgery
Gifu University School of Medicine	2nd Surgery
Hamamatsu Medical Center	Surgery
Hirosaki University, School of Medicine	1st Internal Medicine
Hyogo Medical Center for Adults	Gastrointestine
Ibaraki Prefectural Central Hospital	Surgery
International Medical Center of Japan	Surgery
Iwakuni National Hospital	Surgery
Iwate Medical University, School of Medicine	1st Surgery
Iwate Medical University, School of Medicine	Internal Medicine
Izushi Municipal Hospital	Surgery
Jichi Medical School, School of Medicine	Gastrointestinal/ General Surgery
Kagawa Medical University	1st Surgery
Kanazawa Medical University	Gastrointestinal/ General Surgery
Kanto Rosai Hospital	Surgery
Karasawa Hospital	
Kariya General Hospital	Surgery

Institutes	Department
Kasukabe City Hospital	Surgery
Kawasaki Medical School	Gastrointestinal Surgery
Kumamoto Municipal Hospital	Surgery
Kurume University, School of Medicine	1st Surgery
Matsushita Memorial Hospital	Surgery
Medical School, Nagoya City University	1st Surgery
Mito Kyodo General Hospital	Surgery
Miyagi Seijinbyo Center	Surgery
National Cancer Center Hospital	Surgery
National Cancer Center Hospital East	Surgery
National Kyushu Cancer Center	Gastrointestinal Surgery
National Kyushu Medical Center Hospital	Surgery
National Sapporo Hospital Hokkaido Cancer Center	Surgery
National Tochigi Hospital	Surgery
NTT WEST Osaka Hospital	Surgery
Oomoto Hospital	Surgery
Osaka Medical Center for Adults	3rd Internal Medicine
Osaka Medical College	Gastrointestinal/ General Surgery
Osaka Prefectural Hospital	Gastrointestinal/ General Surgery
Osaka University Faculty of Medicine	2nd Surgery
Red Cross Nagoya First Hospital	Surgery
Red Cross Sendai Hospital	Surgery
Research Institute for Radiation Biology and Medicine, Hiroshima University	Oncological Surgery
Saitama Medical School	2nd Surgery
Sapporo Medical College	1st Surgery
School of Medicine, Kanazawa University	1st Surgery
School of Medicine, Keio University	Surgery
School of Medicine, Kitasato University, East Hospital	Gastrointestinal Surgery
School of Medicine, Tokai University	Surgery
Shimane Medical University	2nd Surgery
Showa University School of Medicine	2nd Surgery
Tochigi Cancer Center	

Institutes	Department
Toho University School of Medicine	1st Surgery
Tokyo Kyosai Hospital	
Tokyo Metropolitan Komagome Hospital	Surgery
Toyama Medical and Pharmaceutical University, Faculty of Medicine	2nd Surgery
Toyama Prefectural Central Hospital	Surgery
Yaizu Municipal General Hospital	Surgery
Yamagata Prefectural Central Hospital	Surgery
Yokohama Hospital, Gastrointestinal Center	

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大腸癌研究会

事務局：東京大学医学部腫瘍外科教室内

〒113-8655 東京都文京区本郷 7-3-1

T E L 03(5800)8653

全国登録委員会：栃木県立がんセンター

〒320-0834 宇都宮市陽南 4-9-13

T E L 028(658)5151

印 刷

(株)松井ビ・テ・オ・印刷

〒321-0904 宇都宮市陽東 5-9-21

T E L 028(662)2511
