

1 **SUPPLEMENTAL MATIRIAL**

2 TABLE 1 S. Entire Cohort. Kaplan-Meier's estimations of OS and CRS at 60 months after  
 3 diagnosis categorized by patient's and tumor characteristics

	No. cases	Cumulative OS at 60 months	media n	P value	Cumulative CRS at 60 months	media n	P value
<b>SEX</b>							
Women	731	56	NR	0.607	61	NR	0.575
Men	1154	53	NR		61	NR	
<b>PRIMARY TUMOR SITE</b>							
RT	609	49	NR	0.014	56	NR	0.020
LT	766	56	NR		62	NR	
Rectum	510	55	NR		62	NR	
<b>AGE (years)</b>							
<50	136	63	NR	0.001	64	NR	0.001
50-69	819	63	NR		66	NR	
≥ 70	930	45	51		55	NR	
<b>INTESTINAL OBSTRUCTION</b>							
Si	211	31	28	0.001	35	33	0.001
No	1674	57			64		
<b>PERFORATION</b>							
Si	107	24	22	0.001	35	25	0.001
No	1778	56			63		
<b>T STAGE</b>							
T1	180	88		0.001	95		0.001
T2	262	73			84		
T3	1087	54			61		
T4	356	24	21		26	23	
<b>N STAGE</b>							
N0	1068	70		0.001	81		0.001
N1	498	44	51		48	59	
N2	319	16	18		17	18	
<b>TNM STAGE</b>							
I	379	83	NR	0.001	93	NR	0.001
II	615	71	NR		82	NR	
III	469	52	NR		58	NR	
IV	422	8	18		9	18	
<b>GRADE OF DIFFERENTIATION</b>							
Well-Moderate	1696	57		0.001	63	NR	0.001
Poor	189	32	25		36	27	
<b>HISTOLOGYC TYPE</b>							
Adenocarcinoma	1687	55		0.001	62	NR	0.001
Mucinous	198	42	44		46	52	
<b>EMERGENCY SURGERY</b>	290	27	24	0.001	29	26	<0.001
<b>ELECTIVE SURGERY</b>	1595	61			62	NR	
<b>P11</b>							
Yes	226	49	NR	0.019	56	NR	0.062
No	1659	55	NR		61	NR	

4 The log-rank test was used to calculate P values. NR: not reached.

5 Table 2 S. TNM Stage I. Predictive factors of OS and CRS analyzed using Cox's proportional  
6 hazards model

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	OS			CRS		
	HR	95% IC	P value	HR	95% IC	P value
<b>TUMOR SITE</b>						
<b>RS (*)</b>	1			1		
<b>LS</b>	1.299	0.681-2.476	0.427	2.984	0.800-11.127	0.104
<b>Rectum</b>	1.108	0.558-2.201	0.769	1.840	0.437-7.737	0.406
<b>AGE (years)</b>						
<b>≥ 70 (*)</b>				1		
<b>50-69</b>	<0.001	0.000	0.968	0.000	0.000	0.975
<b>&lt;50</b>	0.395	0.216-0.720	0.002	0.501	0.184-1.366	0.177
<b>OBSTRUCTION</b>	41.555	4.605-374.973	0.001	73.238	6.500-825.159	0.001
<b>T STAGE</b>						
<b>T1 (*)</b>	1			1		
<b>T2</b>	1.846	1.039-3.280	0.037	2.045	0.720-5.811	0.179

8 HR: hazard ratio; 95% CI: 95% confidence interval. (\*) Group of reference.

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15 Table 3 S. TNM Stage II. Predictive factors of OS and CRS analyzed using Cox's proportional  
16 hazards model

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	OS			CRS		
	HR	95% IC	P value	HR	95% IC	P value
<b>TUMOR SITE</b>			0.047			0.484
<b>RS vs LS</b>	1.338	0.866-0.068	0.190	1.004	0.538-1.873	0.990
<b>LS vs Rectum</b>	0.775	0.526-1.142	0.198	0.753	0.453-1.252	0.274
<b>AGE (years)</b>			<0.001			0.022
<b>≥ 70 vs 50-69</b>	0.195	0.071-0.533	0.001	0.270	0.083-0.874	0.029
<b>50-69 vs &lt;50</b>	0.441	0.310-0.628	0.441	0.635	0.403-0.999	0.049
<b>OBSTRUCTION</b>	2.354	1.473-3.760	<0.001	2.901	1.601-5.256	<0.001
<b>PERFORATION</b>	3.924	2.417-6.373	<0.001	5.230	2.887-9.474	<0.001
<b>T STAGE</b>						
<b>T3 vs T4</b>	1.888	1.268-2.811	0.002	2.250	1.359-3.725	0.002
<b>GRADE OF DIFFERENTIATION</b>	0.628	0.384-1.211	0.192	0.592	0.285-1.232	0.161
<b>PII</b>	2.079	1.425-3.034	<0.001	2.811	1.740-4.541	<0.001

18 PII: Postoperative Intraabdominal Infection

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24 TABLE 4 S. TNM Stage I,II, and III. Kaplan-Meier's estimations of RFS and PRS at 60 months

25 after diagnosis categorized by patient's and tumor characteristics

	No. Patients	Patients with recurrence	Cumulative RFS at 60 months (%)	median	P value	Cumulative PRS at 60 months (%)	median	P value
<b>SEX</b>								
Women	554	109	77	NR	0.072	15%	24	0.952
Men	907	217	72	NR		16%	23	
<b>PRIMARY TUMOR SITE</b>					0.159			0.006
RT	473	99	76	NR		10	15	
LT	589	122	75	NR		14	27	
Rectum	399	105	70	NR		22	26	
<b>AGE (years)</b>					0.374			<0.001
<50	102	27	74	NR		16	25	
50-69	631	137	75	NR		22	33	
≥ 70	728	162	72	NR		11	15	
<b>INTESTINAL OBSTRUCTION</b>					0.020			0.346
No	1339	293	75	NR		16	23	
Yes	122	33	63	NR		12	22	
<b>PERFORATION</b>					<0.001			0.009
No	1391	301	75	NR		17	24	
Yes	70	25	50	NR		6	11	
<b>T STAGE</b>					<0.001			0.002
T1	180	9	92	NR		66	-	
T2	251	27	87	NR		25	24	
T3	857	210	71	NR		15	24	
T4	173	80	45			9	14	
<b>N STAGE</b>					<0.001			0.007
N0	993	130	84	NR		24	26	
N1	357	132	56	NR		12	23	
N2	111	64	33	23		7	15	
<b>GRADE OF DIFFERENTIATION</b>					<0.001			0.006
Well-Moderate	1356	288	75	NR		16	24	
Poor	105	38	59	NR		13	8	
<b>HISTOLOGIC TYPE</b>					0.770			0.004
Adenocarcinoma	1329	286	74	NR		16	24	
Mucinous	132	40	69	NR		14	8	
<b>Cirugia Urgente</b>	158	44	61	NR	0.001	8	7	0.009
<b>Cirugía Programada</b>	1303	282	75	NR		17	24	
<b>PII</b>					0.001			0.624
No	1271	273	75	NR		15	23	
Yes	190	53	64	NR		18	24	

26 The log-rank test was used to calculate P values. NR: not reached. PII: Postoperative

27 Intraabdominal Infection