

Metastatic spread in patients with gastric cancer

Supplementary Materials

Supplementary Table S1: Distribution of metastases in stomach cancer by stage and number of metastases

Stage	Number of metastases	Patients with metastases		Lung		Peritoneum		Liver		Other gastro-intestinal		Bone		Nervous system		Other							
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
N0M0	0	1215																					
	1	183	100%	5	3%	67	37%	57	31%	13	7%	8	4%	5	3%	31	17%						
	2	55	100%	11	20%	22	40%	25	45%	14	25%	7	13%	3	5%	21	38%						
	3+	34	100%	18	53%	20	59%	17	50%	7	21%	12	35%	3	9%	23	68%						
N+M0	0	930																					
	1	335	100%	17	5%	112	33%	89	27%	26	8%	43	13%	9	3%	43	13%						
	2	121	100%	32	26%	37	31%	60	50%	26	21%	18	15%	5	4%	41	34%						
	3+	63	100%	29	46%	27	43%	37	59%	16	25%	20	32%	7	11%	38	60%						
M1	1	818	100%	34	4%	225	28%	0.02	438	54%	2%	<0.0001	46	6%	0.14	10	1%	<0.0001	59	7%			
	2	284	100%	96	34%	92	32%	0.45	189	67%	0.0005	32	11%	0.004	45	16%	0.88	15	5%	0.83	92	32%	
	3+	139	100%	66	47%	67	48%	0.33	84	60%	0.54	28	20%	0.69	48	35%	0.91	13	9%	0.91	78	56%	

P-values are two-sided, comparing the proportion of specific metastases between stages, separately depending on the number of metastases. Metastases were diagnosed any period between the initial cancer diagnosis and death.

Supplementary Table S2: Distribution of metastases in gastric cancer by age and number of metastatic sites between diagnosis and death

Age	Number of metastases	Patients with metastases										Other																			
		Lung		Peritoneum		Liver		Other gastro-intestinal		Nervous system		Bone		Other		Bone		Other													
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
< 60	1	397	100%	12	3%	147	37%	116	29%			22	6%			12	3%			46	12%			42	11%						
	2	167	100%	40	24%	61	37%	81	49%			34	20%			8	5%			38	23%			64	38%						
	3+	112	100%	49	44%	62	55%	57	51%			24	21%			12	11%			43	38%			87	78%						
60-69	1	537	100%	28	5%	177	33%	215	40%			25	5%			15	3%			44	8%			33	6%						
	2	214	100%	55	26%	80	37%	127	59%			28	13%			11	5%			40	19%			72	34%						
	3+	111	100%	50	45%	55	50%	64	58%			18	16%			15	14%			33	30%			81	73%						
70-79	1	612	100%	27	4%	156	25%	296	48%			34	6%			8	1%			32	5%			59	10%						
	2	183	100%	61	33%	45	25%	114	62%			29	16%			10	5%			26	14%			68	37%						
	3+	70	100%	40	57%	31	44%	42	60%			12	17%			2	3%			21	30%			52	74%						
> 79	1	399	100%	22	6%	90	23%	221	55%	< 0.0001		21	5%	0.9		2	1%	0.02		14	4%	< 0.0001		29	7%	0.05					
	2	94	100%	35	37%	23	24%	59	63%	0.009		21	22%	0.13		3	3%	0.85		5	5%	0.002		34	36%	0.8					
	3+	29	100%	21	72%	7	24%	24	83%	0.02		11	38%	0.06		0	0%	0.03		8	28%	0.44		16	55%	0.11					

P-values are two-sided, comparing the proportion of specific metastases between age groups, separately depending on the number of metastases.