

Table 1. Clinical characteristics of patients and lesions

Patients, n	376
Age, years, mean [range]	73 [40-94]
Sex, n (%)	
Male	272 (72)
Number of lesions, n	
1/2/3	345/29/2
<i>H. pylori</i>[†] infection, n	
current/past/uninfected/unknown	96/177/0/103
Atrophic gastritis, n	
none/mild/moderate or severe	2/11/363
Comorbidity of gastric cancer, n (%)	
Yes	129 (34)
past/concurrent/during follow-up	51/68/17
Lesions, n	409
Location, n	
U/M/L[‡]	25/248/136

Lesion size, mm, median [range]	10 [2-100]
Macroscopic type, n	
protruded/superficial elevated/flat/depressed	14/360/1/34

†*H. pylori*: *Helicobacter pylori*

‡*U*: upper third, *M*: middle third, *L*: lower third

Table 2. Univariate and multivariate analyses of risk factors associated with the development of gastric carcinoma from adenoma

	Final diagnosis		Univariate			Multivariate		
	Cancer	Adenoma	Odds ratio	95% CI	P	Odds ratio	95% CI	P
Patients, n	80	178						
Age, years, mean [range]	73[56-89]	73[40-89]			0.90			
Sex, n (%)								
Male	61 (76%)	124 (70%)	0.72	0.39-1.31	0.27			
Lesions, n	80	202						
Location, n (%)								
U-M	47 (59%)	139 (69%)	1.55	0.91-2.65	0.11			
L[†]	33 (41%)	63 (31%)						
Diameter								
≥15 mm	46 (58%)	63 (31%)	2.99	1.75-5.09	<0.01	2.84	1.61-5.11	<0.01
<15 mm	34 (42%)	139 (69%)						
Macroscopic type								

depressed	18 (23%)	8 (4%)	7.04	2.92-17.0	<0.01	6.68	2.68-17.9	<0.01
others	62 (77%)	194 (96%)						
Reddish color								
Yes	16 (20%)	15 (7%)	3.12	1.46-6.66	<0.01	2.17	0.92-5.03	0.07
None	64 (80%)	187 (93%)						
Enlargement during follow up								
Yes	4 (5%)	6 (3%)	1.72	0.47-6.26	0.42			
None	76 (95%)	196 (97%)						
Emergence of depression								
Yes	4 (5%)	2 (1%)	5.26	0.94-29.3	0.049	5.57	0.91-44.4	0.06
None	76 (95%)	200 (99%)						
Appearance of redness								
Yes	6 (8%)	4 (2%)	4.01	1.10-14.6	0.03	3.06	0.66-14.4	0.15
None	74 (92%)	198 (98%)						

† U: upper third, M: middle third, L: lower third ; CI: confidence interval

Table 3. Univariate analyses of risk factors associated with the development of metachronous gastric cancer during the follow-up

	Positive for metachronous gastric cancer	Negative for metachronous gastric cancer	Univariate		
			Odds ratio	95% CI	P
Patients, n	17	229			
Age, years, mean [range]	68 [58-87]	73 [40-89]			0.24
Sex, n (%)					
Male	14 (82%)	163 (71%)	0.53	0.15-1.90	0.30
<i>H. pylori</i> [†] infection, n					
current/past/uninfected/unknown	4/13/0/0	68/116/0/45			
Severe atrophy, n (%)					
Yes	13 (76%)	169 (74%)	1.15	0.36-3.68	0.81
None	4 (24%)	60 (26%)			
Development of gastric cancer from adenoma, n (%)					
Yes	11 (65%)	61 (27%)	5.05	1.79-14.2	<0.01
None	6 (35%)	168 (73%)			

†*H. pylori*: *Helicobacter pylori*; *CI*: confidence interval