

**S5 Table.** Demographic characteristics of gastric cancer patients treated with gastrectomy and (neo-)adjuvant chemotherapy by year of diagnosis (per 2 years)

Variable	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	p-value <sup>a)</sup>
Sex							
Male	226 (64.8)	245 (71.9)	205 (65.4)	198 (70.2)	188 (68.9)	165 (63.1)	0.127
Female	123 (35.2)	96 (28.1)	108 (34.6)	84 (29.8)	85 (31.1)	97 (36.9)	
Age (yr)							
20-49	95 (27.1)	90 (26.4)	64 (20.6)	53 (18.7)	52 (18.9)	33 (12.7)	< 0.001
50-59	69 (19.8)	86 (25.2)	80 (25.5)	76 (27.0)	70 (25.7)	78 (29.9)	
60-69	128 (36.6)	106 (31.2)	98 (31.2)	96 (33.9)	81 (29.6)	73 (28.0)	
70-79	58 (16.5)	59 (17.2)	71 (22.7)	58 (20.4)	70 (25.7)	77 (29.5)	
≥ 80	50 (14.4)	60 (17.5)	88 (27.4)	66 (23.3)	69 (25.4)	63 (23.9)	
Surgery type							
TG	96 (27.4)	92 (26.9)	86 (27.4)	77 (27.3)	85 (31.1)	82 (31.3)	0.701
STG/PG	254 (72.6)	249 (73.1)	227 (72.6)	205 (72.7)	188 (68.9)	179 (68.7)	
Charlson comorbidity index							
0-1	296 (84.6)	245 (71.9)	209 (66.7)	151 (53.6)	135 (49.3)	104 (39.9)	<.001
2	27 (7.8)	59 (17.5)	53 (16.8)	71 (25.3)	59 (21.4)	58 (22.0)	
3	14 (3.9)	13 (3.7)	22 (7.2)	28 (10.0)	32 (11.8)	35 (13.4)	
4	13 (3.6)	23 (6.9)	29 (9.3)	31 (11.1)	48 (17.5)	64 (24.6)	
≥ 5	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
Income							
≤ 20 percentile	64 (18.4)	49 (14.3)	46 (14.6)	34 (12.1)	46 (16.8)	38 (14.6)	0.545
21-80 percentile	192 (55.0)	178 (52.1)	173 (55.1)	161 (57.1)	148 (54.3)	143 (54.9)	
≥ 81 percentile	93 (26.5)	114 (33.5)	95 (30.2)	87 (30.8)	79 (28.9)	80 (30.6)	
Health insurance type							
NHI	343 (98.3)	323 (94.8)	306 (97.8)	278 (98.6)	260 (95.4)	251 (95.9)	0.016
Medical aid	6 (1.7)	18 (5.2)	7 (2.2)	4 (1.4)	13 (4.6)	11 (4.1)	
Residential area							
Metropolitan	161 (46.1)	165 (48.4)	138 (43.9)	139 (49.5)	138 (50.4)	119 (45.5)	0.580
Nonmetropolitan	188 (53.9)	176 (51.6)	176 (56.1)	142 (50.5)	136 (49.6)	142 (54.5)	
Hospital location							
Metropolitan	313 (89.7)	308 (90.5)	274 (87.5)	250 (88.6)	236 (86.4)	213 (81.3)	0.013

Nonmetropolitan	36 (10.3)	32 (9.5)	39 (12.5)	32 (11.4)	37 (13.6)	49 (18.7)	
Hospital volume (beds)							
< 1,000	158 (45.3)	140 (41.3)	126 (40.2)	110 (39.1)	108 (39.6)	122 (46.6)	0.300
≥ 1,000	191 (54.7)	200 (58.7)	187 (59.8)	172 (60.9)	165 (60.4)	139 (53.4)	
Disabled status							
No	328 (93.9)	315 (92.6)	281 (89.7)	262 (93.1)	243 (88.9)	225 (86.2)	0.008
Yes	21 (6.1)	25 (7.4)	32 (10.3)	20 (6.9)	30 (11.1)	36 (13.8)	

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Values are presented as number (%). TG, total gastrectomy; STG/PG, subtotal gastrectomy/partial gastrectomy; NHI, National Health Insurance. <sup>a)</sup>The linear-by-linear association test was used to examine linear association between the (2) yearly increase and differences in proportions for categorical data.