

Supplementary Table 1 Literature review of GHIP cases

Cas e	Ref.	Year	Age	Sex	Greatest dimension (cm)	Endoscopic presentation	Coexisting cancer
1	<i>Carfagna et al</i>	1987	66	F	1.5	pedunculated polyp	-
2	<i>Kamata et al</i>	1993	79	M	2.5	submucosal mass	EGC
3	<i>Itoh et al</i>	1998	41	F	2.3	pedunculated polyp	-
4	<i>Yamashita et al</i>	2002	69	M	1	pedunculated polyp	AGC
5	<i>Yamashita et al</i>	2002	58	M	2.6	submucosal tumor	-
6	<i>Yamashita et al</i>	2002	34	F	3.0	submucosal tumor	-
7	<i>Yamashita et al</i>	2002	81	M	0.5	submucosal tumor	AGC
8	<i>Aoki et al</i>	2004	43	F	2.8	submucosal tumor	-
9	<i>Kono et al</i>	2007	54	M	4.5	pedunculated polyp	AGC
10	<i>Ono et al</i>	2007	59	M	-	submucosal tumor	EGC
11	<i>Odashima et al</i>	2008	37	M	2.5	submucosal tumor	-
12	<i>Kim et al-1</i>	2012	40	F	3.5	submucosal tumor	EGC
13	<i>Lee et al</i>	2013	77	M	4.5	superficial depressed and bleeding	EGC
14	<i>Mori et al</i>	2014	31	F	3.0	submucosal tumor	-
15	<i>Mori et al</i>	2014	65	M	4.0	submucosal tumor	-
16	<i>Yang et al</i>	2014	23	F	1.8	submucosal tumor	-
17	<i>Miyamoto et al</i>	2014	70	M	1.0	pedunculated	-
18	<i>Imamura et al</i>	2015	66	M	1.4	submucosal tumor	AGC

19	Jung <i>et al</i>	2015	70	M	1.6	centrally depressed, peripherally elevated, mild erosion and hemorrhage on surface	-
20	Dohi <i>et al</i>	2016	55	F	1.5	submucosal tumor	-
21	Noh <i>et al</i>	2016	58	F	2.5	submucosal tumor	-
22	Yun <i>et al</i>	2016	64	F	1.5	submucosal tumor	-
23	Matsui <i>et al</i>	2018	54	M	3.5	submucosal tumor	-
24	Hashimoto <i>et al</i>	2018	37	F	1.0	submucosal tumor	-
25	Koh <i>et al</i>	2019	46	M	3.3	submucosal tumor	-
26	Sudo <i>et al</i>	2019	75	F	-	pedunculated polyp	-
27	Hayase <i>et al</i>	2020	60	M	3.7	submucosal tumor	-
28	Ashina <i>et al</i>	2020	38	F	4.0	submucosal tumor	-
29	Kim <i>et al-2</i>	2021	72	F	2.0	submucosal tumor	AGC
30	Kim <i>et al-2</i>	2021	50	M	1.5	submucosal tumor	EGC
31	Kim <i>et al-2</i>	2021	51	M	1.2	submucosal tumor	AGC
32	Kim <i>et al-2</i>	2021	51	M	1.4	submucosal tumor	-
33	Kim <i>et al-2</i>	2021	50	F	1.0	submucosal tumor	-
34	Kim <i>et al-2</i>	2021	34	F	1.3	submucosal tumor	-
35	Kim <i>et al-2</i>	2021	69	M	1.0	not available	-
36	Kim <i>et al-2</i>	2021	77	M	2.5	submucosal tumor	-
37	Kim <i>et al-2</i>	2021	70	M	1.3	submucosal tumor	-
38	Kim <i>et al-2</i>	2021	58	M	1.0	submucosal tumor	-
39	Kim <i>et al-2</i>	2021	54	F	1.5	pedunculated polyp	-
40	Kim <i>et al-2</i>	2021	35	M	2.2	pedunculated	-

						polyp	
41	Ohtsu <i>et al</i>	2021	69	M	2.0	pedunculated	-
						polyp	
42	Ohtsu <i>et al</i>	2021	69	M	1.8	submucosal tumor	-
43	Ohtsu <i>et al</i>	2021	62	F	2.1	submucosal tumor	-
44	Okamura <i>et al</i>	2021	51	F	1.8	submucosal tumor	-
45	Ng HI <i>et al</i>	2022	50	W	0.8	submucosal tumor	-
46	Ma <i>et al</i>	2023	75	M	1.5	submucosal tumor	-
47	Yang <i>et al</i>	2023	37	F	0.1	pedunculated	-
						polyp	
48	Yamashita <i>et al</i>	2023	60	F	-	submucosal tumor	AGC
49	Hou <i>et al</i>	2023	60	M	0.2	submucosal tumor	-
50	Zeng <i>et al</i>	2023	61	F	4.0	submucosal tumor	
51	Han <i>et al</i>	2023	61	F	3.5	submucosal tumor	EGC
52	Miyamoto <i>et al</i>	2023	71	M	1.0	submucosal tumor	EGC
53	Our case	2023	66	M	6.9	ulcero-infiltrative	AGC

EGC: Early gastric cancer; AGC: Advanced gastric cancer.